PROJECTE BÀSIC I EXECUTIU

MEMÒRIA

ADEQUACIÓ, DINAMITZACIÓ I MILLORA ENERGÈTICA DE LA ZONA ESPORTIVA, ESCOLAR I SANITÀRIA DE FREGINALS

[FASE 3: ADEQUACIÓ ACÚSTICA, SOLAR I TÈRMICA DE LA PISTA POLIESPORTIVA]

FREGINALS | MONTSIÀ

MARÇ 2023

PROMOTOR:

Ajuntament de Freginals

ARQUITECTES:

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MG. DADES GENERALS

MG 1 Identificació i objecte del projecte

Projecte:	Bàsic i executiu d'adequació, dinamització i millora energètica de la zona esportiva, escolar i sanitària de Freginals [FASE 3: Adequació acústica, solar i tèrmica de la pista poliesportiva]
Objecte de l'encàrrec:	Adequació acústica, solar i tèrmica de la pista poliesportiva
Emplaçament:	Carretera TV-3317, s/n / Carrer Sant Antoni s/n
Municipi:	Freginals, Montsià
Referència cadastral:	Pista poliesportiva: 0452413BF9005C0001UG Pista poliesportiva: 0452412BF9005C0001ZG

MG 2 Agents del projecte

Promotor:	Nom: Ajuntament de Freginals CIF. P4306300G Adreça: Carrer Major 11, 43558 Freginals (Tarragona) Telèfon: 977572789
Arquitectes:	Nom: Paula Catalan Gasulla Nº col·legiada: 65854-5 NIF: 19012245P Adreça: Carrer Rector Triadó 61-63, 08014 Barcelona Telèfon: 652913167 Nom: Inés Aquilué Junyent Nº col·legiada: 61313-4 NIF: 47702477V Adreça: Carrer de Burgos 55, 08014 Barcelona Telèfon: 645224867

MG 3 Relació de documents complementaris i projectes parcials

Memòria estructural:	Leandro Marqués da Silva, arquitecte tècnic CALCUGAL
Estudi de seguretat i salut:	Redactat per les mateixes arquitectes projectistes
Estudi de gestió de residus de la construcció:	Redactat per les mateixes arquitectes projectistes
Pla de control de qualitat:	Redactat per les mateixes arquitectes projectistes

BARCELONA, MARÇ DE 2023

MD. MEMÒRIA DESCRIPTIVA

MD 1 Informació prèvia: antecedents i condicionants de partida

Les parcel·les es situen al municipi de Freginals, ubicat a la comarca del Montsià (Tarragona), amb una alçada topogràfica de 115,36 metres sobre el nivell del mar.

La Zona esportiva, escolar i sanitària de Freginals es situa al sud-est del nucli urbà, en una zona destinada íntegrament a equipaments, que inclou la pista esportiva, el consultori mèdic i l'Escola Primària Josep Roncero Pallarès en sòl urbà consolidat. La Zona gaudeix de molt bona accessibilitat, i es un espai de dinamització local de gran importància, on s'agrupen gran part de les activitats mèdiques, educatives i de lleure de caràcter local tant a l'hivern com a l'estiu.

Tal i com es pot veure a la figura 1 la Zona esportiva, escolar i sanitària de Freginals s'ubica a l'extrem sud-est del nucli urbà exclusivament dedicat als equipaments, on la seva accessibilitat, connectivitat i implantació són adequades per les activitats que s'hi realitzen.

El present projecte bàsic i executiu fa referència a una de les quatre actuacions que es descriuen a la "Memòria valorada redactada per a la sol·licitud del Pla únic d'obres i serveis de Catalunya per al període 2020-2024: Projecte d'adequació, dinamització i millora energètica de la Zona esportiva, escolar i sanitària de Freginals". L'actuació en qüestió és: Actuació 03 – Adequació acústica, solar i tèrmica de la pista esportiva.

Àmbit Pista poliesportiva i polivalent

A la parcel·la situada al sud del CEIP Josep Roncero es troba la Pista Poliesportiva i Polivalent municipal. La pista limita amb l'escola al nord, amb el carrer Sant Antoni a l'est i amb la carretera TV-3317. La Pista té una àrea de 1217,14 m^2, és una pista coberta amb grades, pista esportiva i zona exterior, que té dos accessos principals. El primer accés es situa a la façana nord, accessible des del carrer de les Escoles, per un carreró intern entre el consultori mèdic i l'escola, aquesta entrada dona accés directe a la cota de les grades. El segon accés es situa a la façana oest a la cota de la pista esportiva.

La topografia de la pista és plana, tanmateix a la zona nord, hi ha unes grades que salven el desnivell del terreny fins a la cota de l'escola, una diferència d'aproximadament 3,00 metres. Sota les grades es situen els vestidors amb accés directe a la pista. La pista es situa a aproximadament 2,00 metres per sobre de la cota del Passeig A.

Urbanísticament, el projecte s'ha resolt seguint les directrius del *Pla d'Ordenació Urbanística Municipal de Freginals,* aprovat definitivament el 28 de febrer de 2013, publicat al DOGC núm. 6385 de 29 maig de 2013.

Pel que fa a les seves prestacions l'edifici compleix els requisits bàsics de qualitat establerts per la Llei d'Ordenació d'Edificació (LOE llei 38/1999) i desenvolupats principalment pel Codi Tècnic de l'Edificació (CTE RD. 314/2006).

Igualment es dóna compliment a la resta de normativa tècnica, d'àmbit estatal, autonòmic i municipal que li sigui d'aplicació.

Figura 1: Ortofoto del nucli urbà de Freginals i localització de la intervenció. Font: Font ICGC, 2019.

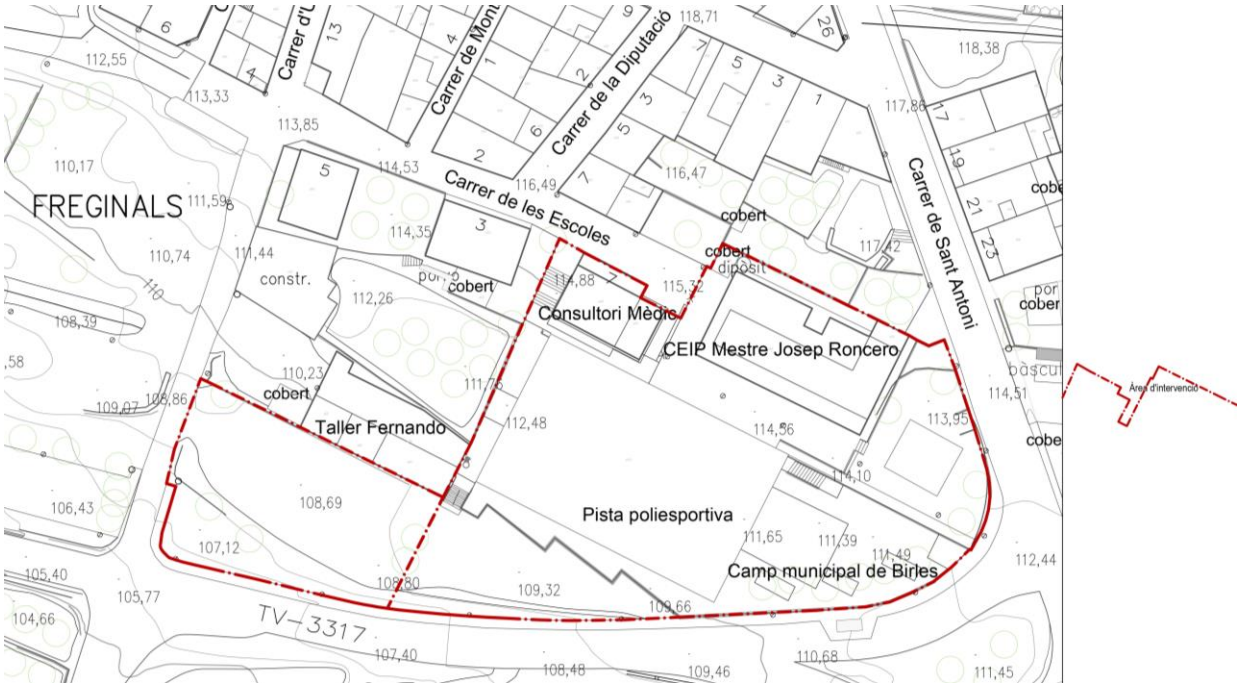


Figura 2: Plànol d'emplaçament, estat actual i localització de la intervenció. Font: Font ICGC, 2019.

Imatges de l'estat actual de la parcel·la:

Figura 3: Àmbit pista esportiva, façana nord. Font: Elaboració pròpia, 2019.

Figura 4: Àmbit pista esportiva, façana oest. Font: Elaboració pròpia, 2019.

Figura 5: Àmbit pista esportiva, façana oest. Font: Elaboració pròpia, 2019.

MD 2 Descripció del projecte

MD 2.1 Descripció general del projecte i dels espais adscrits

L'objecte del projecte és l'adequació, dinamització i millora energètica de la Zona esportiva, escolar i sanitària de Freginals situada al sud-est del nucli urbà, pròxima a la carretera TV-3317. La zona esportiva, escolar i sanitària és un punt de dinamització local vinculat a l'escola primària, a la pista poliesportiva i al consultori mèdic. L'àmbit d'equipaments públics recull activitats diàries, i de lleure d'infants, joves i adults. La zona esportiva, escolar i sanitària consta dels serveis següents: pista polivalent, escola primària amb pati d'escola i consultori mèdic. Es tracta d'un projecte amb quatre actuacions i es preveu l'ampliació de l'escola amb una llar d'infants, la millora de l'eficiència energètica amb una nova instal·lació fotovoltaica, l'adequació acústica, solar i tèrmica de dues de les quatre façanes de la pista polivalent i la urbanització al sud d'un àmbit.

En una primera fase del projecte lliurada al mes de maig de 2021 i al mes de setembre de 2021, s'han inclòs les següents actuacions:

Actuació 01 – Ampliació de l'Escola Mestre Josep Roncero i Pallarès per a la llar d'infants

Actuació 02 – Millora de l'eficiència energètica: Instal·lació fotovoltaica

Actuació 04 – Urbanització del ferm de l'aparcament i zona verda de la pista poliesportiva [Àmbit A i B]

Tanmateix, el present projecte només fa referència a una darrera fase, i inclou la següent actuació:

Actuació 03 – Adequació acústica, solar i tèrmica de la pista esportiva

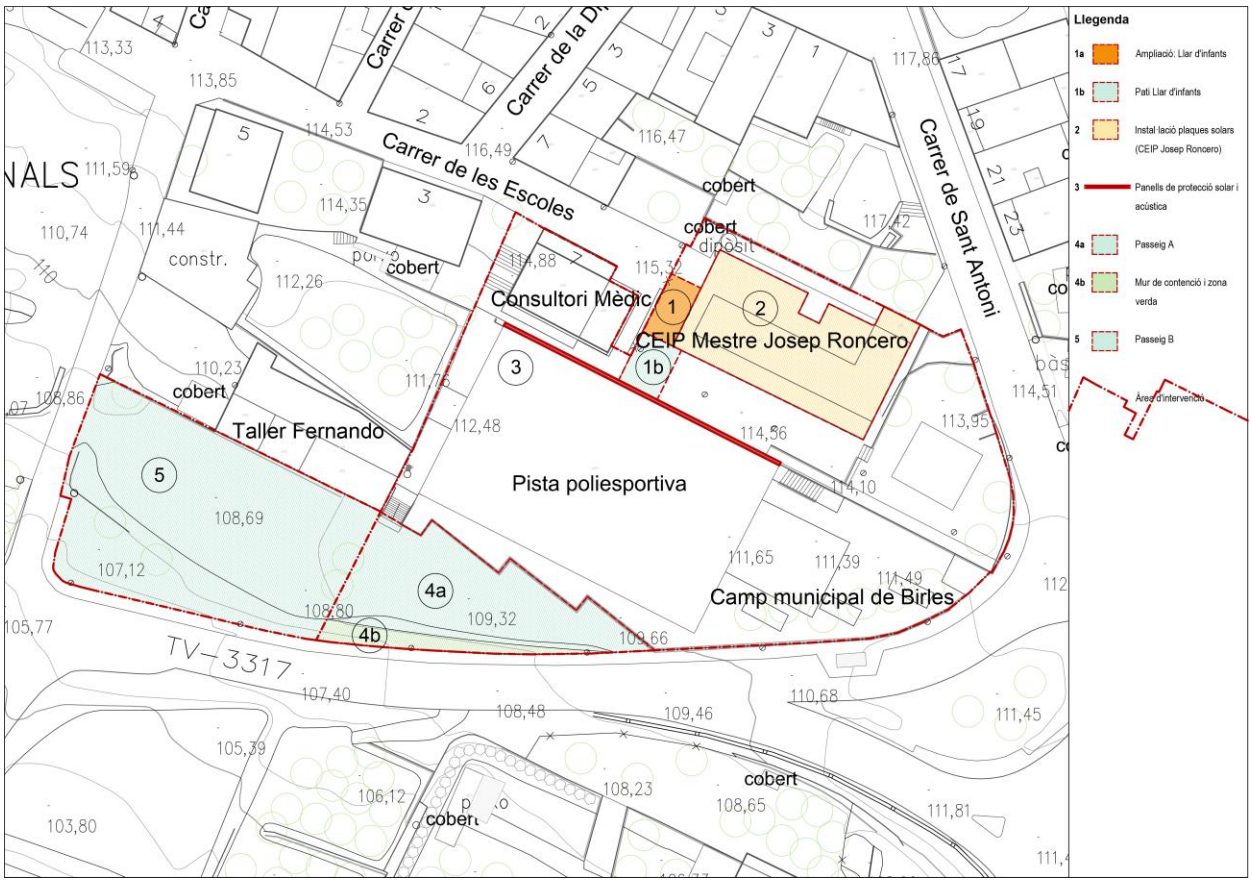


Figura 6: Plànol d'emplaçament amb la localització de les actuacions. Font: "Memòria valorada redactada per a la sol·licitud del Pla únic d'obres i serveis de Catalunya per al període 2020-2024".

Tal i com es pot veure al plànol de situació, la zona esportiva que es circumscriu a la línia vermella de punt i ratlla. Es pot veure la distribució de les quatre actuacions dins de l'àmbit de la Zona esportiva, escolar i sanitària. L'indicatiu "3" fa referència a l'adequació acústica, solar i tèrmica de la pista poliesportiva.

Actuació 03 – Adequació acústica, solar i tèrmica de la pista esportiva

Es preveu l'adequació i el condicionament de la pista poliesportiva a partir de la instal·lació de tancaments en un dels laterals de la pista poliesportiva. La pista poliesportiva està coberta amb una estructura metàl·lica, tanmateix els laterals estan oberts. En aquest cas es preveu cobrir exclusivament el lateral nord-est que està en contacte amb altres edificacions i/o parcel·les i mantenir oberts els laterals nord-oest, sud-est i sud-oest que donen a la Serra del Montsià. El lateral nord-est dona a l'edifici de l'escola i als vestuaris de la pista poliesportiva. Els dies de pluja l'aigua es cola des de l'escola cap a la pista esportiva pel lateral nord-est, i es considera adequat tancar-lo per evitar filtracions i que els vestuaris de la pista es facin malbé. La superfície del tancament de la façana nord-est és de 112,00 m^2. Així doncs, Aquesta actuació es situarà a l'àmbit de la Pista Poliesportiva i Polivalent, on es preveu cobrir parcialment la façana nord-est de la pista poliestportiva, i impermeabilitzar el forjat de les grades.

MD 2.2 Justificació del compliment de la normativa urbanística, ordenances municipals i altres

El projecte està regulat pel Pla d'Ordenació Urbanística Municipal de Freginals, aprovat definitivament el 28 de febrer de 2013, publicat al DOGC núm. 6385 de 29 maig de 2013, on s'inclou la regulació específica i els plànols d'ordenació del Freginals. Segons aquestes Normes, l'emplaçament que ocupa dues finques registrals diferents (ref. cadastrals: 0452413BF9005C0001UG, 0452412BF9005C0001ZG) es situa en sòl urbà i està qualificat amb la clau urbanística: Clau SE4 – Equipament esportiu.

Planejament: Pla d'Ordenació Urbanística Municipal de Freginals, aprovat definitivament el 28 de febrer de 2013, publicat al DOGC núm. 6385 de 29 maig de 2013

Zonificació: SE Sistema d'equipaments

SE4 Equipament esportiu

	Clau	Planejament	Projecte
Ordenació			
Àmbit Pista poliesportiva	SE4	S'ajusta a necessitats funcionals	S'ajusta a necessitats funcionals
Ús			
Àmbit Pista poliesportiva	SE4	Equipament esportiu	Esportiu
Tancament parcel·la			
Àmbit Pista poliesportiva	SE4	No s'especifica / Menor impacte	L'existent
Parcel·la mínima			
Àmbit Pista poliesportiva	SE4	No s'especifica / Menor impacte	L'existent
Front mínim de parcel·la			
Àmbit Pista poliesportiva	SE4	No s'especifica	L'existent
Fondària mínima parcel·la			
Àmbit Pista poliesportiva	SE4	S'ajusta a necessitats funcionals	L'existent
Edificabilitat néta			
Àmbit Pista poliesportiva	SE4	No s'especifica	L'existent: 0,57 m²/ m²
Ocupació màxima de parcel·la			
Àmbit Pista poliesportiva	SE4	No s'especifica	L'existent: 57,17 %
Alçada reguladora (ARM)			
Àmbit Pista poliesportiva	SE4	No s'especifica (mantenir l'alçada de l'entorn)	L'existent
Nombre de plantes			
Àmbit Pista poliesportiva	SE4	No s'especifica (mantenir l'alçada de l'entorn)	PB (L'existent)

MD 2.3 Descripció de l'actuació. Programa Funcional. Descripció general dels sistemes

Comentada les diverses actuacions en l'apartat MD 2.1 "Descripció general del projecte i dels espais exteriors adscrits", a continuació es fa una descripció indicant les característiques principals de l'actuació "Adequació acústica, solar i tèrmica de la pista esportiva".

Es tracta de l'execució d'un tancament a la façana nord-oest de la Pista Poliesportiva. L'objectiu d'aquest tancament no és tancar la pista poliesportiva, si no evitar l'enlluernament de la llum solar de ponent, i millorar les condicions acústiques de la pista.

MD 2.4 Relació de superfícies útils i construïdes

Pista poliesportiva (l'existent) [Actuació 03]

	Sup. auxiliars [m^2]	Sup. Construïdes [m^2]
Planta superior		
Grades		193,19 m^2
Planta inferior		
Pista coberta existent: Pista, vestidors i magatzems		1207,76 m^2
Espai exterior: espai d'esbarjo i circulació	1047,59 m^2	
Planta coberta		
Coberta		1217,14 m^2

BARCELONA, MARÇ DE 2023

MD 3 Prestacions: Exigències a garantir en funció de les característiques

L'edifici projectat proporcionarà unes prestacions de funcionalitat, seguretat i habitabilitat que garantiran les exigències bàsiques del CTE, en relació amb els requisits bàsics de la LOE, així com també donen resposta a la resta de normativa d'aplicació.

A continuació es defineixen els requisits generals a complimentar en el conjunt de l'edifici, que depenen de les seves característiques i ubicació, i que s'agrupen de la següent manera:

- Seguretat → Estructural
  → en cas d'Incendi
- Habitabilitat → Salubritat
  → Protecció contra el soroll

En la Memòria Constructiva es defineixen els sistemes de l'edifici i es concreten els seus requisits específics i prestacions de les solucions.

MD 3.1 Condicions de funcionalitat de la intervenció

MD 3.1.1 Condicions funcionals relatives a l'ús

L'actuació a la pista poliesportiva no implica canvis en les seves condicions funcionals, i el seu disseny satisfà el requisit bàsic d'utilització establert a la LOE.

A continuació, s'exposa el quadre resum del programa funcional, que no variarà respecte la situació existent:

	Superfície auxiliar [m²]	Superfície construïda [m²]
Pista coberta existent [Actuació 03]		
Planta superior		
Grades		193,19 m^2
Planta inferior		
Pista existent: Pista, vestidors i magatzems		1207,76 m^2
Espais exteriors	1047,59 m^2	
Planta coberta		
Coberta		1217,14 m^2

MD 3.2 Seguretat estructural

MD 3.2.2. Sistema estructural: bases de càlcul i accions

Els requisits de seguretat estructural, capacitat portant i aptitud al servei dels elements de fonamentació i contenció es satisfan segons els paràmetres establerts en el DB SE-C i que s'especifiquen a l'apartat MC 2.1. "Fonamentació i contenció de terres"

Les limitacions dels assentaments diferencials responen a les prescripcions del DB SE-C del CTE.

L'edifici projectat compleix el requisit de seguretat estructural donant compliment a les exigències bàsiques SE1: Resistència i estabilitat i SE2 Aptitud al servei, en els termes de l'article 10 del CTE. Aquests requisits es satisfan segons els paràmetres establerts als Documents Bàsics que li són d'aplicació:

- DB SE Seguretat estructural
- DB SE-AE Accions a l'edificació
- DB SE-C Fonaments
- DB SE-A Acer
- DB SE-F Fàbrica

Per l'estructura de formigó en el que s'estableix a l'EHE-08 Instrucció de formigó estructural. Pel que fa a la sismicitat en el que s'estableix a la NCSE-02 Norma de construcció sismoresistent.

Igualment es dóna compliment a l'exigència bàsica SI6: Resistència estructural a l'incendi amb els paràmetres establerts a:

- DB SI 6. Resistència al foc de l'estructura

La definició del temps de resistència al foc dels elements estructurals s'especifica a l'apartat de la Memòria Descriptiva (MD 3.3), Seguretat en cas d'incendi, d'aquesta memòria.

Les previsions tècniques considerades en el projecte pel que fa al sistema estructural es desenvolupen en aquest apartat.

Les bases de càlcul, les característiques dels materials, els procediments emprats pel càlcul i la quantificació i justificació de les prestacions del sistema estructural es desenvolupen als apartats MC 2. "Sistema estructural"

Per garantir la resistència i l'estabilitat de l'estructura s'ha fet la comprovació estructural mitjançant el càlcul pel mètode dels Estats Límit:

- Estats Límit Últims
- Estat Límit de Servei
- Estat Límit de Durabilitat

comprovant que, considerant els valors de les accions, de les característiques dels materials i de les dades geomètriques (tots ells afectats pels corresponents coeficients parcials de seguretat) la resposta estructural no és inferior a l'efecte de les accions aplicades amb l'índex de fiabilitat suficient per cadascuna de les situacions de projecte considerades, que són:

- Situacions persistents, que corresponen a les condicions d'ús normal de l'estructura
- Situacions transitòries, com poden ser les que es produeixen durant la construcció o reparació de l'estructura
- Situacions accidentals, que corresponen a condicions excepcionals

Per obtenir els valors de càlcul de l'efecte de les accions s'han tingut en compte les accions especificades en aquest apartat amb les combinacions d'accions i els coeficients que s'especifiquen a continuació.

Els valors de càlcul de la resistència s'obtenen minorant els materials estructurals amb els coeficients indicats a la memòria constructiva MC 2.

- per situacions persistents o transitòries,

$$\sum_{j\geq 1}\gamma_{G,j} * G_{k,j} + \gamma_{Q,1} * Q_{k,1} + \sum_{i>1}\gamma_{Q,i} * \psi_{0,i} * Q_{k,i}$$

- per situacions extraordinàries,

$$\sum_{j\geq 1}\gamma_{G,j} * G_{k,j} + A_d + \gamma_{Q,1} * \psi_{1,1} * Q_{k,1} + \sum_{i>1}\gamma_{Q,i} * \psi_{2,i} * Q_{k,i}$$

γ_G : coeficient parcial d'una acció permanent

γ_Q : coeficient parcial per a una acció variable

G_k: valor característic d'una acció permanent

Q_k: valor característic d'una acció variable simple

A_d: valor de càlcul d'una acció accidental

$\psi_{0,1,2}$: coeficients de simultaneïtat

Els valors dels coeficients de simultaneïtat corresponen també als definits en el DB SE i són els següents:

Coeficients de simultaneïtat	Categoria	ψ_0	ψ_1	ψ_2
Sobrecàrrega superficial d'ús				
Zones residencials	A	0,7	0,5	0,3
Zones comercials	D	0,7	0,7	0,6
Zones de tràfic i aparcament vehicles lleugers (pes total < 30 kN)	E	0,7	0,7	0,6
Cobertes transitables	F	0,7	0,5	0,6
Cobertes accessibles només per a conservació	G	0	0	0

Neu				
per a alçades ≤ 1000 m		0,5	0,2	0
Vent		0,6	0,5	0
Accions variables del terreny		0,7	0,7	0,7

El **període de servei** previst pels elements de l'estructura principal és l'establert en el CTE i s'han seguit les prescripcions de durabilitat que s'hi estableixen pels diferents materials estructurals emprats.

Els elements estructurals reemplaçables (baranes, recolzament d'instal·lacions, etc), que no formen part de l'estructura principal, poden tenir una vida útil inferior que es valorarà segons les inspeccions prescrites en el manual d'ús i manteniment i el pla de manteniment.

ACCIONS

Càrregues permanents (G)

Pesos propis (Els valors dels pesos propis es poden extreure del Catàleg d'Elements Constructius, o de catàlegs comercials, tenint en compte la configuració de les diferents solucions):

Materials:	kN/m³
Acer estructural	78,5
Revestiments:	**kN/m²**
Panell sandvitx	11,0

Càrregues Variables (Q)

- Acció del vent

L'edifici està ubicat en una zona urbana, amb una grau d'aspresa IV.

Alçada topogràfica de l'emplaçament: 115,36 m

Alçada de l'edifici h: 3,36m

Dimensió x: 10,80m | Dimensió y: 4,80m

Esveltesa h/x: 0.31 | Esveltesa h/y: 0.7

Pressió estàtica considerada: $q_e = q_b \times c_e \times c_p$; on:

Càrrega bàsica de vent: q_b = 0.50 kN/m2

Coeficient d'exposició: c_e = 1,3

Coeficient eòlic: c_{px} = 0,7; c_{py} = 0,8; c_{sx} = -0,3; c_{sy} = -0,4

Per tant:

	Pressió (kN/m²)	Succió (kN/m²)
Vent direcció x	0,46	-0,20
Vent direcció y	0,52	-0,26

- Accions tèrmiques

No s'han projectat juntes de moviment dels murs de fàbrica de façana donat que les seves dimensions són inferiors a les distàncies màximes entre junts de moviment que estableix el DB SE-F, pel cas de parets de totxo ceràmic amb retracció final del morter ≤ 0,15 mm/m i expansió final per humitat de les peces ceràmiques ≤ 0,15 mm/m, que són les característiques establertes en projecte per a aquests materials.

Accions accidentals (A)

- Sisme

L'acceleració sísmica bàsica de l'emplaçament és a_b / g = 0,04 i l'edifici es classifica com d'importància normal.

Per tant en aquest cas, segons la NCSE-02, un edifici de planta baixa sobre rasant i amb estructura metàl·liques amb característiques de resistència i rigidesa similars en les dues direccions queda exempt del seu compliment. A més a més, l'actuació no modifica la fonamentació, ni el sistema de l'estructura existent.

→ *S'adjunta fitxa NCSE-02**

- Incendi

El càlcul de la resistència al foc de l'estructura s'ha fet pels mètodes simplificats proposats pel DB SI, concretament segons l'annex E pels elements estructurals de fusta i l'annex F pels elements de fàbrica.

Amb aquests mètodes simplificats no es necessari tenir en compte les accions indirectes derivades de l'incendi i per tant les accions aplicades en cas d'incendi són les mateixes que en situació permanent afectades amb els coeficients de simultaneïtat i de seguretat aplicables en la situació extraordinària d'incendi i que s'especifiquen en aquest apartat.

En aquest projecte no és necessari preveure càrregues específiques per a la intervenció dels bombers.

La justificació de la resistència al foc de l'estructura es troba a l'apartat MC 2.2.1.

Coeficients parcials de seguretat de les accions sobre l'edifici

Per obtenir els valors de càlcul de l'efecte de les accions s'han tingut en compte les accions amb les combinacions d'accions i els coeficients indicats en aquest apartat.

Els valors de càlcul de la resistència s'obtenen minorant els materials estructurals amb els coeficients indicats al punts MC 2.1."Fonamentació i contenció de terres"

Els coeficients de seguretat per les accions emprats en les comprovacions dels Estats Límit Últims s'ajusten als especificats en el DB SE i complementàriament en l'EHE i són els següents:

Coeficients parcials de seguretat (γ) per a les accions en Estats Límit Últims					
Tipus de verificació	Tipus d' acció	Situació persistent/transitòria		Situació extraordinària	
		desfavorable	favorable	desfavorable	favorable
Resistència	Permanent:				
	Pes propi, pes del terreny	1,35	0,80	1,0	1,0
	Empentes del terreny	1,35	0,70	1,0	1,0
	Variable	1,50	0	1,0	0

Estabilitat	Permanent:				
	Pes propi, pes del terreny	1,10	0,90	1,0	1,0
	Empentes del terreny	1,35	0,80	1,0	1,0
	Variable	1,50	0	1.0	0

Els coeficients de seguretat per les accions emprats en les comprovacions dels Estats Límit de Servei s'ajusten als especificats en el DB SE i complementàriament en l'EHE i són els següents:

Coeficients parcials de seguretat (γ) per a les accions en Estats Límit de Servei		
Tipus d'acció:	desfavorable	favorable
Permanent	1,0	1,0
Variable	1,0	0

Deformacions admissibles

Les limitacions dels assentaments diferencials responen a les prescripcions del DB SE-C del CTE i són les següents:

Valors límit basats en la distorsió angular, β	
Tipus d'estructura	Límit
Murs de contenció	1/300
Estructures reticulades amb envans de separació	1/500

En aquest cas es limita també l'assentament màxim a 2,5cm

Pel que fa a l'estructura s'ha verificat que, per a les situacions de dimensionat pertinents, l'efecte de les accions no arriba al valor límit admissible de deformació establert a tal efecte i que, seguint les prescripcions del DB SE, en aquest cas són els següents:

Limitacions de les fletxes relatives dels sostres i de la coberta:

- Fletxa < 1/500 en les zones amb envans fràgils i/o paviments rígids sense juntes
- Fletxa < 1/400 en les zones amb envans ordinaris i paviments rígids amb juntes
- Fletxa < 1/300 en la resta dels casos

Limitacions dels desplaçaments horitzontals:

- desplom total < 1/500 de l'alçada total de l'edifici
- desplom local < 1/250 de l'alçada de la planta en qualsevol d'elles

Vibracions i Fatiga

Donat l'ús de l'edifici no es considera susceptible de patir vibracions que puguin produir el col·lapse de l'estructura i per tant no resulta necessari fer aquest tipus de comprovació.

Pel que fa a la fatiga, aquest estat límit, tampoc resulta necessari comprovar-lo.

MD 3.3 Seguretat en cas d'incendi

Les condicions de seguretat en cas d'incendi la pista polivalent on es durà a terme l'actuació compleixen les exigències bàsiques SI del CTE.

Aquestes exigències es satisfan adoptant solucions tècniques basades en el Document Bàsic de Seguretat en cas d'incendi, DB SI. Cal tenir en compte que l'edifici està obert a l'exterior, i que l'actuació no implica cap canvi en la seva compartimentació.

Justificació del compliment de les exigències bàsiques SI

S'adjunten les fitxes justificatives del compliment del DB SI. A continuació es relacionen els aspectes més importants de la seguretat en cas d'incendi de l'edifici, ordenats per exigències bàsiques SI.

Condicions per a la intervenció de bombers i d'evacuació exterior de l'edifici

Tenint en compte que l'edifici té una alçada d'evacuació < 9 m, no li es d'aplicació l'exigència SI 5 Intervenció de bombers segons la secció SI 5 del DB SI.

Condicions per limitar la propagació exterior de l'incendi

La façana de l'edifici garanteix les franges EI 60: d'1m d'amplada en la trobada amb les parets, és a dir, els murs de contenció de formigó exteriors ja existents.

Condicions de resistència al foc de l'estructura

La resistència al foc de l'estructura serà, com a mínim, de R 60, i es mantindrà l'estructura existent.

Condicions per a l'evacuació dels ocupants

L'edifici té sortida directa a l'exterior.

Instal·lacions de protecció contra incendi

Es mantindran les instal·lacions de protecció contra incendi existents.

→ *S'adjunta fitxa justificativa del DBSI.**

MD 3.5 Salubritat

L'actuació no preveu la construcció de cap nou volum i es tracta d'una pista poliesportiva oberta, tot i que disposa d'una coberta. L'actuació inclou el tancament parcial de dues de les seves façanes, i aquests nous tancaments donen resposta a les exigències bàsiques de salubritat (HS) garantint la protecció contra la humitat (que afecta bàsicament al disseny dels tancaments).

A continuació es desenvolupen les exigències que afecten a la intervenció:

MD 3.5.1 Protecció contra la humitat

La intervenció garanteix l'exigència bàsica HS 1 de protecció contra la humitat.

Els seus sistemes s'han dissenyat d'acord al document bàsic HS1, tenint en compte els següents paràmetres de l'edifici que condicionen la quantificació de l'exigència:

Pel que fa al disseny de les façanes:

- grau d'exposició al vent: zona eòlica C
- zona pluviomètrica III
- l'altura de coronament de l'edifici inferior a 15m, en un entorn poc ventós

El que suposa un grau d'impermeabilitat 3.

La pista poliesportiva està oberta per tant, l'actuació no preveu impermeabilitzar-la completament, si no minimitzar la penetració de l'aigua, per evitar grans avingudes que en dificultin el seu ús.

→ *S'adjunta fitxa justificativa del DB HS.**

MD 3.6 Protecció contra el soroll

No aplica, ja que es tracta d'un espai exterior.

MC. MEMÒRIA CONSTRUCTIVA

MC 0 Treballs previs, replanteig general i adequació del terreny

L'actuació es centra en executar la instal·lació del tancament d'una de les quatre façanes de la Pista Poliesportiva de Freginals. La façana nord-est, que limita amb l'Escola, es tancarà parcialment. Tanmateix, la intervenció no implica el tancament total de l'edifici, sinó limitar-ne l'entrada d'aigua al nord, davant dels vestidors. L'actuació no implica canvis en la volumetria ni en el sistema estructural de l'edifici.

Pel que fa als treballs previs, cal tenir en compte que la intervenció no afecta a la instal·lació existent en cap dels seus espais. L'estructura metàl·lica de pilars existent seran els únics elements que es veuran afectats per la instal·lació del tancament.

Els treballs previs consistiran en preveure l'espai d'emmagatzematge dels diferents elements durant l'obra. Es delimitarà un espai on s'apilaran tots els materials necessaris diferenciant els seus components. I es retirarà la reixa interior d'un dels vanos de la façana nord-est que serà substituïda per un mur de bloc armat de 20 cm de gruix.

Per dur a terme el replanteig es comprovaran les mides de l'estructura existent, i es replantejaran els punts d'empotrament, anclatge i soldadura de la subestructura metàl·lica.

MC 1 Sistema estructural

Tal i com s'ha explicat, no es preveu cap ampliació ni canvi en el sistema estructural de l'edifici, només caldrà executar la subestructura que permetrà tancar l'espai entre pilars de la façana nord-est des d'una alçada de 2,4 m respecte el forjat dels vestidors fins a una alçada de 5,2 m, és a dir cobrint un alçada de 2,8 m.

L'estructura existent sobre la que es fixarà l'estructura esta composta per un conjunt de nou parells de pilars (18 en total) que sustenten una encavallada de punta a punta amb una llum de 27 metres. La distància entre els pòrtics és de 5,5 metres.

El material emprat per les bigues és acer UNE-EN 10025 S275JR, de perfils laminats en calent de las series IPN, IPE, HEB, HEA, HEM o UPN, acabat galvanitzat en calent i col·locat amb unions soldades a una alçada de més de 3 metres. La subestructura d'acer inclourà l'aplicació de pintura de color blanc, acabat mate i llis.

MC 1.1 Subestructura

Descripció: Subestructura Façana nord-est

La subestructura de la façana nord-est té la missió de fixar el tancament de la façana i traslladar-ne el seu pes i els esforços derivats a l'estructura existent. En aquest cas, la subestructura es soldarà exclusivament als pilars existents, ja que aquesta façana concatena un total de vuit vanos amb un total de nou pilars separats 5,5 metres i els panells no arriben fins al terra.

Els pilars existents tenen un basament de formigó de 2,5 metres i un fust metàl·lic de perfil estructural HEB 260 de 2,6 metres. La subestructura es soldarà a la part metàl·lica i per tant cobrirà una alçada de 2,6 metres. La subestructura estarà conformada per tres travessers, un soldat a l'extrem inferior de la part metàl·lica del pilar, l'altre a l'extrem superior i un tercer central. Els travessers estaran formats per perfils tubulars d'acer estructural de 120*120 mm. En aquests tres travessers es fixaran els quatre panells que tancaran cadascun dels 8 vanos que composen la façana nord-est.

La subestructura de la façana nord-est es troba detallada a la memòria de càlcul estructural annexa i als plànols d'estructura.

MC 2 Sistemes de l'envolupant i d'acabats exteriors

Es garanteixen les diferents exigències bàsiques mitjançant el compliment dels DBs del CTE.

A continuació es relacionen els subsistemes que formen part de l'envolupant exterior, i agrupats segons la següent classificació:

2.1 Façanes

Per a cada subsistema s'especifica la seva composició així com les seves característiques i prestacions segons els Documents Bàsics del CTE que li siguin d'aplicació.

Com a annex a la Memòria s'adjunta la fitxa justificativa DB HS 1 "Protecció enfront de la humitat".

MC 2.1 Façanes

De les quatre façanes de la Pista Poliesportiva el present projecte preveu tancar parcialment una d'elles, per millorar-ne el confort acústic i tèrmic, i evitar l'aigua de pluja sobre la zona dels vestuaris. Tanmateix, la pista continuarà totalment oberta per les altres tres façanes i a la façana nord-est només es col·locaran panells a la meitat superior. Per aquest motiu, la nova envolupant no es pot considerar un tancament d'edificació i està exempta del compliment del CTE com a tancament. Tal i com s'ha explicat, la pista es mantindrà oberta.

- Tancament façana nord-est

El projecte preveu el tancament parcial de la façana nord-est que limita amb l'Escola Mestre Josep Roncero i Pallarès i que actualment es troba oberta. L'actuació pretén evitar l'acumulació d'un excés d'aigua a l'interior de la pista poliesportiva que provoca filtracions als vestuaris. Per evitar el tancament total del pati de l'Escola, es proposa tancar exclusivament la part alta de la façana des de 2,5 metres de la base dels pilars. El tancament es preveu translúcid, ja que aquesta orientació no presenta problemes d'enlluernament i irradiació. L'actuació preveu tancar la façana amb la disposició d'un element vertical de policarbonat. Així doncs, a la façana nord-est es preveu la col·lació d'un tancament de plaques de policarbonat cel·lular de 20 mm de gruix i 6 parets, de 600 mm d'amplària i tractament per a l'absorció de la radiació ultraviolada a les dues cares, amb suports de perfil d'alumini i junts d'estanqueïtat. Els panells de policarbonat es col·locaran entre les part metàl·liques dels pilars, amb una alçada de 2,6 m, situada a 2,5 m del terra. La part inferior del policarbonat incorpora un escopidor per evitar que l'aigua entri a la pista.

En un dels vanos de la façana nord-est s'executarà un tancament opac fins a l'alçada del policarbonat amb una paret divisòria de dues cares vistes de 20 cm de gruix de bloc foradat de morter ciment, de 400x200x200 mm.

Els panells es fixaran a la subestructura d'acer prèviament executada i soldada als nou pilars existents que es situen en el pla de la façana nord-est.

MC 3 Sistema d'acabats

De forma genèrica, els tancaments composats per panells, no necessitaran d'acabats a executar en obra, tanmateix es preveu:

Acabats per la subestructura:

- Pintat de biga d'un sol perfil d'acer a l'esmalt sintètic, amb dues capes d'imprimació anticorrosiva i dues d'acabat i dues d'acabat.

Acabat tancament translúcid (plaques de policarbonat):

- Escopidor de planxa preformada d'alumini anoditzat d'1,5 mm de gruix, de 145 mm de desenvolupament, amb 2 plecs, col·locat amb adhesiu i fixacions mecàniques.

Acabat tancament opac (paret divisòria de bloc de formigó):

- Coronament de paret amb peça de formigó prefabricat, de 20 a 30 cm d'amplària, de secció amb una pendent, de color especial Indeterminat, col·locada amb morter mixt

Tractament d'impermeabilització de les grades i forjat de vestidors:

- Segellat de junt entre materials d'obra de 20 mm d'amplària i 30 mm de fondària, amb junt expansiu en contacte amb l'aigua de bentonita de sodi i cautxú butil.
- Mitja canya de radi 6 cm, feta amb morter de ciment.
- Impermeabilització de paraments horitzontals amb polímer acrílic, amb una dotació de 2 kg/m^2.

MN. NORMATIVA APLICABLE

MN 1 Edificació

Relació de la normativa d'edificació d'aplicació al projecte i que s'ha tingut en compte en el desenvolupament del mateix, per a la justificació dels requisits bàsics de l'edificació.

El Decret 462/1971 del Ministerio de la Vivienda (BOE: 24/3/71): "Normas sobre redacción de proyectos y dirección de obras de edificación", estableix que en la memòria i en el plec de prescripcions tècniques particulars de qualsevol projecte d'edificació es faci constar expressament l'observança de les normas de la presidencia del gobierno i les del ministerio de la vivienda sobre la construcció vigents.

És per això convenient que en la memòria figuri un paràgraf que faci al·lusió a l'esmentat decret i especifiqui que en el projecte s'han observat les normes vigents aplicables sobre construcció.

Així mateix, en el plec de prescripcions tècniques particulars s'inclourà una relació de les normes vigents aplicables sobre construcció i es remarcarà que en l'execució de l'obra s'observaran les mateixes.

El marc normatiu actual de l'edificació es basa en la Llei d'Ordenació de l'Edificació, que es desplega amb el Codi tècnic de l'Edificació, CTE, i es complementa amb la resta de reglaments i disposicions d'àmbit estatal, autonòmic i local. També, cal tenir present que, en molts casos, el text legal remet a altres normes, com UNE-EN, UNE, CEI, CEN.

Paral·lelament, per garantir les exigències de qualitat de l'edificació, les característiques tècniques dels productes, equips i sistemes que s'incorporin amb caràcter permanent als edificis, hauran de dur el marcatge CE, de conformitat amb la Directiva 89/106/CEE de productes de construcció, i els Decrets i normes harmonitzades que la despleguen.

En aquest document d'ajuda la normativa tècnica s'ha estructurat en relació als capítols del projecte per facilitar la seva aplicació. S'ordena en aspectes generals, requisits generals de l'edifici, sistemes constructius i, finalment, documentació complementària del projecte. S'identifica en color negre la normativa d'àmbit estatal, en color vermell la normativa de l'àmbit català i en color blau es preveuen les possibles ordenances i disposicions municipals.

Color negre: legislació d'àmbit estatal

Color granate: legislació d'àmbit autonòmic

Color blau: legislació d'àmbit municipal

Normativa tècnica general d'Edificació

Aspectes generals

Ley de Ordenación de la Edificación, LOE

Ley 38/1999 (BOE: 06/11/99),modificació: Ley 52/2002,(BOE 31/12/02). Modificada pels Pressupostos generals de l'estat per a l'any 2003. art. 105 i la Ley 8/2013 (BOE 27/6/2013)

Código Técnico de la Edificación, CTE

RD 314/2006, de 17 de març de 2006 (BOE 28/03/2006), modificat per RD 1371/2007 (BOE 23/10/2007) i per RD 1675/2008 (BOE 18/10/2008), i les seves correccions d'errades (BOE 20/12/2007 i 25/01/2008)
Orden VIV 984/2009 (BOE 23/4/2009), i la seva correcció d'errades (BOE 23/09/2009)
RD 173/2010 pel qual es modifica el Codi Tècnic de l'Edificació, en matèria d'accessibilitat i no discriminació a persones amb discapacitat (BOE 11/03/2010)
Ley 8/2013 (BOE 27/6/2013)
Orden FOM/ 1635/2013, d'actualització del DB HE (BOE 12/09/2013) amb correcció d'errades (BOE 08/11/2013)
Orden FOM/588/2017, pel la qual es modifica el DB HE i el DB HS (BOE 23/06/2017)
RD 732/2019, de 20 de desembre de 2019, pel que es modifica el Codi Tècnic de l'Edificació (BOE 27/12/2019).

Desarrollo de la Directiva 89/106/CEE de productos de la construcción

RD 1630/1992 modificat pel RD 1328/1995. *(marcatge CE dels productes, equips i sistemes)*

Normas para la redacción de proyectos y dirección de obras de edificación

D 462/1971 (BOE: 24/3/71)modificat pel RD 129/85 (BOE: 7/2/85)

Normas sobre el libro de Órdenes y asistencias en obras de edificación

O 9/6/1971 (BOE: 17/6/71) correcció d'errors (BOE: 6/7/71) modificada per l'O. 14/6/71(BOE: 24/7/91)

Certificado final de dirección de obras

D 462/1971 (BOE: 24/3/71)

REQUISITS BÀSICS DE QUALITAT DE L'EDIFICACIÓ

Ús de l'edifici

Llocs de treball

Disposiciones mínimas de seguridad y salud en los lugares de trabajo

RD 486/1997, de 14 d'abril (BOE: 24/04/97). Modifica i deroga alguns capítols de la "Ordenanza de Seguridad y Higiene en el trabajo". (O. 09/03/1971)

Protección de la salud y la seguridad de los trabajadores contra los riesgos relacionados con la exposición a campos electromagnéticos

RD 299/2016, de 22 de julio (BOE: 29/7/2016)

Altres usos

Segons reglamentacions específiques

Accessibilitat

Condiciones básicas de accesibilidad y no discriminación de las personas con discapacidad para el acceso y utilización de los espacios públicos urbanizados y edificaciones

RD 505/2007 (BOE 113 de l'11/5/2007). Desarrollo de la LIONDAU, Ley de Igualdad de oportunidades y no discriminación y acceso universal.

CTE Part I Exigències bàsiques de seguretat d'utilització i accessibilitat, SUA

CTE DB Document Bàsic SUA Seguretat d'utilització i accessibilitat

RD 314/2006 (BOE 28/03/2006) i les seves modificacions

Llei d'accessibilitat

Llei 13/2014 (DOGC 4/11/2014)

Codi d'accessibilitat de Catalunya, de desplegament de la Llei 20/91

D 135/95 (DOGC 24/3/95)

Seguretat estructural

CTE Part I Exigències bàsiques de Seguretat Estructural, SE

CTE DB SE Document Bàsic Seguretat Estructural, Bases de càlcul

CTE DB SE AE Document Bàsic Accions a l'edificació

RD 314/2006 (BOE 28/03/2006) i les seves modificacions

Seguretat en cas d'incendi

CTE Part I Exigències bàsiques de seguretat en cas d'incendi, SI

CTE DB SI Document Bàsic Seguretat en cas d'Incendi

RD 314/2006 (BOE 28/03/2006) i les seves modificacions

CTE DB SI Document Bàsic Seguretat en cas d'Incendi

Reglamento de seguridad en caso de incendios en establecimientos industriales, RSCIEI

RD 2267/2004, (BOE: 17/12/2004)

Prevenció i seguretat en matèria d'incendis en establiments, activitats, infraestructures i edificis.

Llei 3/2010 del 18 de febrer (**DOGC**: 10.03.10)

Instruccions tècniques complementàries, SPs (DOGC 26/10/2012)

Ordenança Municipal de protecció en cas d'incendi de Barcelona, OMCPI 2008 (només per projectes a Barcelona)

Seguretat d'utilització i accessibilitat

CTE Part I Exigències bàsiques de seguretat d'utilització i accessibilitat, SUA

CTE DB SUA Document Bàsic Seguretat d'Utilització i Accessibilitat

SUA-1 Seguretat enfront al risc de caigudes

SUA-2 Seguretat enfront al risc d'impacte o enganxades

SUA-3 Seguretat enfront al risc "d'aprisionament"

SUA-5 Seguretat enfront al risc causat per situacions d'alta ocupació

SUA-6 Seguretat enfront al risc d'ofegament

SUA-7 Seguretat enfront al risc causat per vehicles en moviment

SUA-8 Seguretat enfront al risc causat pel llamp

SUA-9 Accessibilitat

RD 314/2006 (BOE 28/03/2006) i les seves modificacions

Salubritat

CTE Part I Exigències bàsiques d'Habitabilitat Salubritat, HS

CTE DB HS Document Bàsic Salubritat

HS 1 Protecció enfront de la humitat

HS 2 Recollida i evacuació de residus

HS 3 Qualitat de l'aire interior

HS 4 Subministrament d'aigua

HS 5 Evacuació d'aigües

HS 6 Protecció contra l'exposició al radó

RD 314/2006 (BOE 28/03/2006) i les seves modificacions

Es regula l'adopció de criteris ambientals i d'ecoeficiència en els edificis

D 21/2006 (DOGC: 16/02/2006) I D 111/2009 (DOGC:16/7/2009)

Protecció enfront del soroll

CTE Part I Exigències bàsiques d'Habitabilitat Protecció davant del soroll, HR

CTE DB HR Document Bàsic Protecció davant del soroll

RD 314/2006 (BOE 28/03/2006) i les seves modificacions

Ley del ruido

Ley 37/2003 (BOE 276, 18.11.2003)

Zonificación acústica, objetivos de calidad y emisiones acústicas

RD 1367/2007 (BOE 23/10/2007)

Llei de protecció contra la contaminació acústica

Llei 16/2002 (DOGC 3675, 11.07.2002)

Reglament de la Llei 16/2002 de protecció contra la contaminació acústica

Decret 176/2009 (DOGC 5506, 16.11.2009)

Es regula l'adopció de criteris ambientals i d'ecoeficiència en els edificis

D 21/2006 (DOGC: 16/02/2006) i D 111/2009 (DOGC:16/7/2009)

Ordenances municipals

Estalvi d'energia

CTE Part I Exigències bàsiques d'estalvi d'energia, HE

CTE DB HE Document Bàsic Estalvi d'Energia

HE-0 Limitació del consum energètic

HE-1 Condicions per al control de la demanda energètica

HE-2 Condicions de les instal·lacions tèrmiques

HE-3 Condicions de les instal·lacions d'il·luminació

HE-4 Contribució mínima d'energia renovable per cobrir la demanda d'ACS

HE-5 Generació mínima d'energia elèctrica

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

Es regula l'adopció de criteris ambientals i d'ecoeficiència en els edificis

D 21/2006 (DOGC: 16/02/2006) i D 111/2009 (DOGC:16/7/2009)

NORMATIVA DELS SISTEMES CONSTRUCTIUS DE L'EDIFICI

Sistemes estructurals

CTE DB SE Document Bàsic Seguretat Estructural, Bases de càlcul

CTE DB SE AE Document Bàsic Accions a l'edificació

CTE DB SE C Document Bàsic Fonaments

CTE DB SE A Document Bàsic Acer

CTE DB SE M Document Bàsic Fusta

CTE DB SE F Document Bàsic Fàbrica

CTE DB SI 6 Resistència al foc de l'estructura i Annexes C, D, E, F

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

NCSE-02 Norma de Construcción Sismorresistente. Parte general y edificación

RD 997/2002, de 27 de setembre (BOE: 11/10/02)

EHE-08 Instrucción de hormigón estructural

RD 1247/2008 , de 18 de juliol (BOE 22/08/2008)

Instrucció d'Acer Estructural EAE

RD 751/2011 (BOE 23/6/2011)
El RD especifica que el seu àmbit d'aplicació és per a totes les estructures i elements d'acer estructural, tant d'edificació com d'enginyeria civil i que en obres d'edificació es pot fer servir indistintament aquesta Instrucció i el DB SE-A Acer del Codi Tècnic de l'Edificació.

NRE-AEOR-93 Norma reglamentària d'edificació sobre accions en l'edificació en les obres de rehabilitació estructural dels sostres d'edificis d'habitatges

O 18/1/94 (DOGC: 28/1/94)

Sistemes constructius

CTE DB HS 1 Protecció enfront de la humitat

CTE DB HS 6 Protecció contra l'exposició al radó

CTE DB HR Protecció davant del soroll

CTE DB HE 1 Condicions per al control de la demanda energètica

CTE DB SE AE Accions en l'edificació

CTE DB SE F Fàbrica i altres

CTE DB SI Seguretat en cas d'Incendi, SI 1 i SI 2, Annex F

CTE DB SUA Seguretat d'Utilització i Accessibilitat, SUA 1 i SUA 2

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

Codi d'accessibilitat de Catalunya, de desplegament de la Llei 20/91

D 135/95 (DOGC: 24/3/95)

Es regula l'adopció de criteris ambientals i d'ecoeficiència en els edificis

D 21/2006 (DOGC: 16/02/2006) i D 111/2009 (DOGC:16/7/2009)

Sistema de condicionaments, instal·lacions i serveis

Instal·lacions de recollida i evacuació de residus

CTE DB HS 2 Recollida i evacuació de residus

RD 314/2006 (BOE 28/03/2006) i les seves modificacions

Ordenances municipals

Instal·lacions d'aigua

CTE DB HS 4 Subministrament d'aigua

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

CTE DB HE 4 Contribució mínima d'energia renovable per cobrir la demanda d'ACS

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

Criterios sanitarios del agua de consumo humano

RD 140/2003 (BOE 21/02/2003) i RD 314/2016 (BOE 30/7/2016)

Criterios higiénico-sanitarios para la prevención y control de la legionelosis.

RD 865/2003 (BOE 18/07/2003)

Reglamento d'equips a pressió. Instruccions tècniques complementàries

RD 2060/2008 (BOE 05/02/2009)

Es regula l'adopció de criteris ambientals i d'ecoeficiència en els edificis

D 21/2006 (DOGC 16/02/2006) I D111/2009 (DOGC:16/7/2009)

Condicions higienicosanitàries per a la prevenció i el control de la legionel·losi

D 352/2004 (DOGC 29/07/2004)

Mesures de foment per a l'estalvi d'aigua en determinats edificis i habitatges (d'aplicació obligatòria als edificis destinats a serveis públics de la Generalitat de Catalunya, així com en els habitatges finançats amb ajuts atorgats o gestionats per la Generalitat de Catalunya)

D 202/98 (DOGC 06/08/98)

Ordenances municipals

Instal·lacions d'evacuació

CTE DB HS 5 Evacuació d'aigües

RD 314/2006 (BOE 28/03/2006) i les seves modificacions

Es regula l'adopció de criteris ambientals i d'ecoeficiència en els edificis

D 21/2006 (DOGC 16/02/2006) I D111/2009 (DOGC16/7/2009)

Ordenances municipals

Instal·lacions de protecció contra el radó

CTE DB HS 6 Protecció contra l'exposició al radó

RD 732/2019, de 20 de desembre de 2019, pel qual es modifica el Codi Tècnic de l'Edificació (BOE 27/12/2019).

Instal·lacions tèrmiques

CTE DB HE 2 Condicions de les instal·lacions tèrmiques (remet al RITE)
RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

RITE Reglamento de Instalaciones Térmicas en los Edificios
RD 1027/2008 (BOE: 29/8/2007) i les seves posteriors correccions d'errades i modificacions

Requisitos de diseño ecológico aplicables als productes relacionados con la energia
RD 187/2011 (BOE: 3/3/2011)

Criterios higiénico-sanitarios para la prevención y control de la legionelosis
RD 865/2003 (BOE 18/07/2003)

Reglamento de equipos a presión. Instrucciones técnicas complementarias
RD 2060/2008 (BOE: 05/02/2009)

Condicions higienicosanitàries per a la prevenció i el control de la legionel·losi
D 352/2004 (DOGC 29/07/2004)

Instal·lacions de ventilació

CTE DB HS 3 Calidad del aire interior
RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

RITE Reglamento de Instalaciones Térmicas en los Edificios
RD 1027/2008 (BOE: 29/8/2007 i les seves correccions d'errades (BOE 28/2/2008)

CTE DB SI 3.7 Control de humos
RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

Reglamento de seguridad en caso de incendios en establecimientos industriales, RSCIEI
RD 2267/2004, (BOE: 17/12/2004)

Instal·lacions d'electricitat

REBT Reglamento electrotécnico para baja tensión. Instrucciones Técnicas Complementarias
RD 842/2002 (BOE 18/09/02)

Instrucción Técnica complementaria (ITC) BT 52 "Instalaciones con fines especiales. Infraestructura para la recarga de vehículos eléctricos", del Reglamento electrotécnico de baja tensión, y se modifican otras instrucciones técnicas complementarias del mismo.
RD 1053/2014 (BOE 31/12/2014)

CTE DB HE-5 Generació mínima d'energia elèctrica
RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

Actividades de transporte, distribución, comercialización, suministro y procedimientos de autorización de instalaciones de energía eléctrica
RD 1955/2000 (BOE: 27/12/2000). Obligació de centre de transformació, distàncies línies elèctriques

Reglamento de condiciones técnicas y garantías de seguridad en líneas eléctricas de alta tensión y sus instrucciones técnicas complementarias, ITC-LAT 01 a 09
RD 223/2008 (BOE: 19/3/2008).

Reglamento sobre condiciones técnicas y garantías de seguridad en centrales eléctricas y centros de transformación
RD 337/2014 (BOE: 9/6/2014)

Normas sobre ventilación y acceso de ciertos centros de transformación
Resolució 19/6/1984 (BOE: 26/6/84)

Conexión a red de instalaciones de producción de energía eléctrica de pequeña potencia
RD 1699/2011 (BOE: 8/12/2011)

Procediment administratiu aplicable a les instal·lacions solars fotovoltaiques connectades a la xarxa elèctrica

D 352/2001, de 18 de setembre (DOGC 02.01.02)

Normes Tècniques particulars de FECSA-ENDESA relatives a les instal·lacions de xarxa i a les instal·lacions d'enllaç

Resolució ECF/4548/2006 (DOGC 22/2/2007)

Procediment a seguir en les inspeccions a realitzar pels organismes de control que afecten a les instal·lacions en ús no inscrites al Registre d'instal·lacions tècniques de seguretat industrial de Catalunya (RITSIC)

Instrucció 1/2015, de 12 de març de la Direcció General d'Energia i Mines

Certificat sobre compliment de les distàncies reglamentàries d'obres i construccions a línies elèctriques

Resolució 4/11/1988 (DOGC 30/11/1988)

Condicions i procediment a seguir per fer modificacions en instal·lacions d'enllaç elèctriques de baixa tensió

Instrucció 3/2014, de 20 de març, de la Direcció General d'Energia i Mines

Instal·lacions d'il·luminació

CTE DB HE-3 Condicions de les instal·lacions d'il·luminació

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

CTE DB SUA-4 Seguretat enfront al risc causat per il·luminació inadequada

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

REBT ITC-28 Instal·lacions en locals de pública concurrència

RD 842/2002 (BOE 18/09/02)

Llei d'ordenació ambiental de l'enllumenament per a la protecció del medi nocturn

Llei 6/2001 (DOGC 12/6/2001) i les seves modificació

Instal·lacions de protecció contra incendis

RIPCI Reglamento de Instalaciones de Protección Contra Incendios

RD 513/2017 (BOE 12/6/2017)

Normas de procedimiento y desarrollo del RD 1942/93 y es revisa el Anejo y sus apéndices

O 16.04.98 (BOE: 20.04.98)

CTE DB SI 4 Instal·lacions de protecció en cas d'incendi

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

Reglamento de seguridad en caso de incendios en establecimientos industriales, RSCIEI

RD 2267/2004, (BOE: 17/12/2004)

Instal·lacions de protecció al llamp

CTE DB SUA-8 i Annex B Seguretat enfront al risc causat per l'acció del llamp

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

Certificació energètica dels edificis

Procedimiento Básico para la certificación energética de los edificios

Real Decreto 235/2013 (BOE 13/4/2013)

Control de qualitat

Marc general

Código Técnico de la Edificación, CTE

RD 314/2006 (BOE 28/03/2006) i les seves modificacions.

EHE-08 Instrucción de hormigón estructural. Capítulo 8. Control

RD 1247/2008 , de 18 de julio (BOE 22/08/2008)

Control de qualitat en l'edificació d'habitatges

D 375/1988 (DOGC: 28/12/88) correcció d'errades (DOGC: 24/2/89) desplegament (DOGC: 24/2/89, 11/10/89, 22/6/92 i 12/9/94)

Normatives de productes, equips i sistemes (no exhaustiu)

Disposiciones para la libre circulación de los productos de construcción

RD 1630/1992, de 29 de desembre, de transposición de la Directiva 89/106/CEE, modificat pel RD 1329/1995.

Clasificación de los productos de construcción y de los elementos constructivos en función de sus propiedades de reacción y de resistencia frente al fuego

RD 842/2013 (BOE: 23/11/2013)

Actualización de las fichas de autorización de uso de sistemas de forjados

R 30/1/1997 (BOE: 6/3/97). *Sempre que no hagin de disposar de marcatge CE, segons estableix l'EHE-08.*

UC-85 recomanacions sobre l'ús de cendres volants en el formigó

O 12/4/1985 (DOGC: 3/5/85)

RC-16 Instrucción para la recepción de cementos

RD 256/2016 (BOE: 25/6/2016)

Criteris d'utilització en l'obra pública de determinats productes utilitzats en l'edificació

R 22/6/1998 (DOGC 3/8/98)

Gestió de residus de construcció i enderrocs

Text refós de la Llei reguladora dels residus

Decret Legislatiu 1/2009, de 21 de juliol (DOGC 28/7/2009)

Regulador de la producción y gestión de los residuos de construcción y demolición

RD 105/2008, d'1 de febrer (BOE 13/02/2008)

Programa de gestió de residus de la construcció de Catalunya (PROGROC), es regula la producció i gestió de residus de la construcció i demolició, i el cànon sobre la deposició controlada dels residus de la construcció.

D 89/2010, 26 juliol, (DOGC 6/07/2010)

Programa de Prevención y Gestión de Residus y Recursos de Catalunya (PRECAT 20)

RD 2010/2018, del 6 d'abril (BOE 16/4/2018)

Operaciones de valorización y eliminación de residuos y la lista europea de residuos

O MAM/304/2002, de 8 febrer (BOE 16/3/2002)

Residuos y suelos contaminados

Llei 22/2011 , de 28 de juliol (BOE 29/7/2011)

MA. ANNEXOS A LA MEMÒRIA

Fitxes justificatives del compliment de la normativa.

- Fitxa justificativa d'aplicació de la norma NCSE-02
- Fitxa justificativa DB SI "Seguretat en cas d'Incendi"
- Fitxa justificativa DB HS1 "Protecció enfront de la humitat"
- Fitxa justificativa DB HR

MA SE. Justificació del DB SE (Seguretat Estructural)
Complementa l'apartat MC 2 de la Memòria constructiva.

MA SE. JUSTIFICACIÓ DEL DB SE (SEGURETAT ESTRUCTURAL)

MA SE 1. Normas consideradas

Aceros laminados y armados: CTE DB SE-A
Categoría de uso: G1. Cubiertas accesibles únicamente para mantenimiento. No concomitante con el resto de acciones variables

MA SE 2. Estados límite

E.L.U. de rotura. Acero laminado	CTE Cota de nieve: Altitud inferior o igual a 1000 m
Desplazamientos	Acciones características

1.2.1.- Situaciones de proyecto

Para las distintas situaciones de proyecto, las combinaciones de acciones se definirán de acuerdo con los siguientes criterios:

- **Con coeficientes de combinación**

- **Sin coeficientes de combinación**

- Donde:

G_k Acción permanente
P_k Acción de pretensado
Q_k Acción variable
γ_G Coeficiente parcial de seguridad de las acciones permanentes
γ_P Coeficiente parcial de seguridad de la acción de pretensado
$\gamma_{Q,1}$ Coeficiente parcial de seguridad de la acción variable principal
$\gamma_{Q,i}$ Coeficiente parcial de seguridad de las acciones variables de acompañamiento
$\psi_{p,1}$ Coeficiente de combinación de la acción variable principal
$\psi_{a,i}$ Coeficiente de combinación de las acciones variables de acompañamiento

Para cada situación de proyecto y estado límite los coeficientes a utilizar serán:

E.L.U. de rotura. Acero laminado: CTE DB SE-A

Persistente o transitoria				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	0.800	1.350	-	-
Sobrecarga (Q)	0.000	1.500	0.000	0.000
Viento (Q)	0.000	1.500	1.000	0.600
Temperatura (T)	0.000	1.500	1.000	0.600

Persistente o transitoria (G1)				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	0.800	1.350	-	-
Sobrecarga (Q)	0.000	1.500	1.000	0.000
Viento (Q)	0.000	1.500	0.000	0.000
Temperatura (T)	0.000	1.500	0.000	0.000

Accidental de incendio				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	1.000	1.000	-	-
Sobrecarga (Q)	0.000	1.000	0.000	0.000
Viento (Q)	0.000	1.000	0.500	0.000
Temperatura (T)	0.000	1.000	0.500	0.000

Desplazamientos

Característica				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	1.000	1.000	-	-
Sobrecarga (Q)	0.000	1.000	0.000	0.000
Viento (Q)	0.000	1.000	1.000	1.000
Temperatura (T)	0.000	1.000	1.000	1.000

Característica				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	1.000	1.000	-	-
Sobrecarga (Q)	0.000	1.000	1.000	1.000
Viento (Q)	0.000	1.000	1.000	1.000
Temperatura (T)	0.000	1.000	1.000	1.000

1.2.2.- Combinaciones

- **Nombres de las hipótesis**

PP	Peso propio
CM 1	CM 1
Q 1	Q 1
T 1	T 1
V 1	V 1
V 2	V 2
V 3	V 3
V 4	V 4

■ **E.L.U. de rotura. Acero laminado**

1. Coeficientes para situaciones persistentes o transitorias

Comb.	PP	CM 1	Q 1	T 1	V 1	V 2	V 3	V 4
1	0.800	0.800						
2	1.350	0.800						
3	0.800	1.350						
4	1.350	1.350						
5	0.800	0.800			1.500			
6	1.350	0.800			1.500			
7	0.800	1.350			1.500			
8	1.350	1.350			1.500			
9	0.800	0.800				1.500		
10	1.350	0.800				1.500		
11	0.800	1.350				1.500		
12	1.350	1.350				1.500		
13	0.800	0.800					1.500	
14	1.350	0.800					1.500	
15	0.800	1.350					1.500	
16	1.350	1.350					1.500	
17	0.800	0.800						1.500
18	1.350	0.800						1.500
19	0.800	1.350						1.500
20	1.350	1.350						1.500
21	0.800	0.800		1.500				
22	1.350	0.800		1.500				
23	0.800	1.350		1.500				
24	1.350	1.350		1.500				
25	0.800	0.800		1.500	0.900			
26	1.350	0.800		1.500	0.900			
27	0.800	1.350		1.500	0.900			
28	1.350	1.350		1.500	0.900			
29	0.800	0.800		1.500		0.900		
30	1.350	0.800		1.500		0.900		
31	0.800	1.350		1.500		0.900		
32	1.350	1.350		1.500		0.900		
33	0.800	0.800		1.500			0.900	
34	1.350	0.800		1.500			0.900	
35	0.800	1.350		1.500			0.900	
36	1.350	1.350		1.500			0.900	
37	0.800	0.800		1.500				0.900
38	1.350	0.800		1.500				0.900
39	0.800	1.350		1.500				0.900
40	1.350	1.350		1.500				0.900
41	0.800	0.800		0.900	1.500			

Comb.	PP	CM 1	Q 1	T 1	V 1	V 2	V 3	V 4
42	1.350	0.800		0.900	1.500			
43	0.800	1.350		0.900	1.500			
44	1.350	1.350		0.900	1.500			
45	0.800	0.800		0.900		1.500		
46	1.350	0.800		0.900		1.500		
47	0.800	1.350		0.900		1.500		
48	1.350	1.350		0.900		1.500		
49	0.800	0.800		0.900			1.500	
50	1.350	0.800		0.900			1.500	
51	0.800	1.350		0.900			1.500	
52	1.350	1.350		0.900			1.500	
53	0.800	0.800		0.900				1.500
54	1.350	0.800		0.900				1.500
55	0.800	1.350		0.900				1.500
56	1.350	1.350		0.900				1.500
57	0.800	0.800	1.500					
58	1.350	0.800	1.500					
59	0.800	1.350	1.500					
60	1.350	1.350	1.500					

2. Coeficientes para situaciones accidentales de incendio

Comb.	PP	CM 1	Q 1	T 1	V 1	V 2	V 3	V 4
1	1.000	1.000						
2	1.000	1.000			0.500			
3	1.000	1.000				0.500		
4	1.000	1.000					0.500	
5	1.000	1.000						0.500
6	1.000	1.000		0.500				

- **Desplazamientos**

Comb.	PP	CM 1	Q 1	T 1	V 1	V 2	V 3	V 4
1	1.000	1.000						
2	1.000	1.000			1.000			
3	1.000	1.000				1.000		
4	1.000	1.000					1.000	
5	1.000	1.000						1.000
6	1.000	1.000		1.000				
7	1.000	1.000		1.000	1.000			
8	1.000	1.000		1.000		1.000		
9	1.000	1.000		1.000			1.000	
10	1.000	1.000		1.000				1.000
11	1.000	1.000	1.000					
12	1.000	1.000	1.000		1.000			
13	1.000	1.000	1.000			1.000		

Comb.	PP	CM 1	Q 1	T 1	V 1	V 2	V 3	V 4
14	1.000	1.000	1.000				1.000	
15	1.000	1.000	1.000					1.000
16	1.000	1.000	1.000	1.000				
17	1.000	1.000	1.000	1.000	1.000			
18	1.000	1.000	1.000	1.000		1.000		
19	1.000	1.000	1.000	1.000			1.000	
20	1.000	1.000	1.000	1.000				1.000

MA SE 3. Resistencia al fuego

Perfiles de acero

Norma: CTE DB SI. Anejo D: Resistencia al fuego de los elementos de acero.
Resistencia requerida: R 60
Revestimiento de protección: Pintura intumescente
Densidad: 0.0 kg/m³
Conductividad: 0.01 W/(m·K)
Calor específico: 0.00 J/(kg·K)
El espesor mínimo necesario de revestimiento para cada barra se indica en la tabla de comprobación de resistencia.

MA SE 4. Cálculo estructural

Materiales utilizados

Materiales utilizados							
Material		E (MPa)	ν	G (MPa)	f_y (MPa)	α_t (m/m°C)	γ (kN/m³)
Tipo	Designación						
Acero laminado	S275	210000.00	0.300	81000.00	275.00	0.000012	77.01

Notación:
E: Módulo de elasticidad
ν: Módulo de Poisson
G: Módulo de cortadura
f_y: Límite elástico
α_t: Coeficiente de dilatación
γ: Peso específico

Características mecánicas

Características mecánicas									
Material		Ref.	Descripción	A (cm²)	Avy (cm²)	Avz (cm²)	Iyy (cm4)	Izz (cm4)	It (cm4)
Tipo	Designación								
		5	#120x6, (Huecos cuadrados)	26.09	11.40	11.40	548.47	548.47	915.09
		7	HE 200 B, (HEB)	78.10	45.00	13.77	5696.00	2003.00	59.28

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N1/N7	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m $\eta = 2.9$	x: 0 m $\eta = 7.7$	x: 6.109 m $\eta = 37.9$	x: 0 m $\eta = 15.7$	$\eta = 6.7$	$\eta = 0.6$	$\eta < 0.1$	$\eta < 0.1$	x: 6.109 m $\eta = 50.3$	$\eta < 0.1$	$\eta = 0.1$	$\eta = 4.4$	$\eta = 0.5$	**CUMPLE $\eta = 50.3$**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N7/N2	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 26.1	x: 0.091 m η = 2.2	η = 8.3	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 27.7	η < 0.1	η = 2.1	η = 5.2	η < 0.1	**CUMPLE η = 27.7**
N2/N25	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.3	η = 3.6	x: 1.306 m η = 4.0	x: 1.306 m η = 1.3	x: 1.306 m η = 1.0	η = 0.3	η < 0.1	η < 0.1	x: 1.306 m η = 9.1	η < 0.1	η = 6.0	x: 1.306 m η = 0.7	η = 0.1	**CUMPLE η = 9.1**
N25/N23	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 0.4	x: 0.049 m η = 5.2	x: 1.306 m η = 2.4	x: 0.049 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 0.049 m η = 5.5	η < 0.1	η = 5.9	x: 0.049 m η = 0.7	η = 0.2	**CUMPLE η = 5.9**
N23/N21	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.0	η = 6.4	x: 1.306 m η = 2.3	x: 1.306 m η = 3.0	x: 0.049 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 1.306 m η = 10.7	η < 0.1	η = 5.8	x: 0.049 m η = 0.3	η = 0.2	**CUMPLE η = 10.7**
N21/N19	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 9.2	η = 11.8	x: 1.305 m η = 3.2	x: 1.305 m η = 3.1	x: 0.049 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 17.5	η < 0.1	η = 5.0	x: 0.049 m η = 0.4	η = 0.1	**CUMPLE η = 17.5**
N19/N9	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 13.5	η = 17.3	x: 1.305 m η = 3.2	x: 0.05 m η = 2.2	x: 0.05 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 22.2	η < 0.1	η = 4.6	x: 0.05 m η = 0.3	η < 0.1	**CUMPLE η = 22.2**
N9/N11	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 16.8	η = 21.5	x: 1.304 m η = 3.5	x: 0.05 m η = 1.0	x: 0.05 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 25.3	η < 0.1	η = 3.7	x: 0.05 m η = 0.3	η = 0.1	**CUMPLE η = 25.3**
N11/N13	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 20.1	η = 25.7	x: 1.304 m η = 3.4	x: 1.304 m η = 0.6	x: 0.051 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 29.5	η < 0.1	η = 2.2	x: 0.051 m η = 0.2	η = 0.1	**CUMPLE η = 29.5**
N13/N15	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 22.9	η = 29.2	x: 1.304 m η = 4.4	x: 1.304 m η = 1.6	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 35.0	η < 0.1	η = 1.4	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 35.0**
N15/N17	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 25.7	η = 32.6	x: 1.301 m η = 3.6	x: 0.051 m η = 1.3	x: 0.051 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.26 m η = 37.0	η < 0.1	η = 1.5	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 37.0**
N17/N6	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 27.3	η = 34.6	x: 1.303 m η = 6.9	x: 1.303 m η = 1.4	x: 0.052 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 42.8	η < 0.1	η = 1.0	x: 0.052 m η = 0.4	η = 0.1	**CUMPLE η = 42.8**
N6/N29	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 27.6	η = 35.1	x: 0.052 m η = 6.8	x: 0.052 m η = 1.3	x: 1.303 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 43.1	η < 0.1	η = 1.1	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 43.1**
N29/N27	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.3	η = 33.4	x: 0.469 m η = 3.6	x: 1.304 m η = 1.3	x: 1.304 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.302 m η = 38.1	η < 0.1	η = 1.6	x: 1.304 m η = 0.1	η = 0.1	**CUMPLE η = 38.1**
N27/N31	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 23.7	η = 30.5	x: 0.051 m η = 4.4	x: 0.051 m η = 1.6	x: 1.304 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 36.3	η < 0.1	η = 1.5	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 36.3**
N31/N33	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 21.1	η = 27.4	x: 0.051 m η = 3.4	x: 0.051 m η = 0.6	x: 1.304 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 31.3	η < 0.1	η = 2.4	x: 1.304 m η = 0.2	η = 0.1	**CUMPLE η = 31.3**
N33/N35	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 18.0	η = 23.6	x: 0.051 m η = 3.6	x: 1.305 m η = 1.0	x: 1.305 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 27.5	η < 0.1	η = 3.8	x: 1.305 m η = 0.3	η = 0.1	**CUMPLE η = 27.5**
N35/N41	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.9	η = 19.7	x: 0.05 m η = 3.3	x: 1.303 m η = 2.3	x: 1.305 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 25.0	η < 0.1	η = 4.8	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 25.0**
N41/N39	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 10.7	η = 14.6	x: 0.05 m η = 3.4	x: 0.05 m η = 3.2	x: 1.306 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 20.8	η < 0.1	η = 5.3	x: 1.306 m η = 0.4	η = 0.1	**CUMPLE η = 20.8**
N39/N37	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.7	η = 9.5	x: 0.049 m η = 2.4	x: 0.049 m η = 3.0	x: 1.306 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.049 m η = 14.6	η < 0.1	η = 6.2	x: 1.306 m η = 0.3	η = 0.2	**CUMPLE η = 14.6**
N37/N44	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.0	η = 3.7	x: 1.306 m η = 3.2	x: 0.049 m η = 2.4	x: 1.306 m η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 0.049 m η = 8.4	η < 0.1	η = 6.4	x: 1.306 m η = 0.6	η = 0.2	**CUMPLE η = 8.4**
N44/N3	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 2.4	x: 1.225 m η = 3.8	x: 0.049 m η = 1.3	x: 1.225 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.049 m η = 6.0	η < 0.1	η = 6.5	x: 0.049 m η = 0.1	η = 0.1	**CUMPLE η = 6.5**
N4/N423	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 2.7	x: 0 m η = 3.7	x: 0 m η = 12.8	x: 0 m η = 60.7	η = 6.5	η = 26.7	η < 0.1	η < 0.1	x: 0 m η = 72.7	η < 0.1	η = 0.3	η = 2.7	η = 0.5	**CUMPLE η = 72.7**
N423/N415	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 2.8	x: 0 m η = 3.9	x: 2.55 m η = 22.0	x: 2.55 m η = 33.1	η = 5.9	η = 2.4	η < 0.1	η < 0.1	x: 2.55 m η = 46.0	η < 0.1	η = 0.3	η = 2.7	η = 0.5	**CUMPLE η = 46.0**
N415/N8	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 2.8	x: 0 m η = 3.5	x: 0.109 m η = 22.9	x: 0 m η = 33.1	η = 5.2	η = 16.8	η < 0.1	η < 0.1	x: 0 m η = 46.0	η < 0.1	η = 0.3	η = 2.7	η = 1.7	**CUMPLE η = 46.0**
N8/N3	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.1	x: 0.091 m η = 14.9	x: 0.091 m η = 2.4	η = 4.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 17.4	η < 0.1	η = 2.3	η = 2.6	η < 0.1	**CUMPLE η = 17.4**
N5/N6	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 9.4	x: 0.091 m η = 8.7	x: 1.51 m η = 0.3	x: 1.51 m η = 4.6	η < 0.1	η = 0.6	η < 0.1	η < 0.1	x: 1.51 m η = 14.0	η < 0.1	η = 0.1	η < 0.1	η = 0.5	**CUMPLE η = 14.0**
N7/N26	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.4	x: 0.131 m η = 1.2	x: 0.131 m η = 42.8	x: 0.131 m η = 1.8	x: 0.131 m η = 7.2	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 45.3	η < 0.1	η = 10.4	x: 0.131 m η = 4.9	η = 0.3	**CUMPLE η = 45.3**
N26/N24	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 5.3	x: 0.05 m η = 5.8	x: 0.05 m η = 7.2	x: 1.305 m η = 1.5	x: 1.305 m η = 0.9	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 13.5	η < 0.1	η = 10.2	x: 1.305 m η = 0.6	η = 0.3	**CUMPLE η = 13.5**
N24/N22	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 10.6	x: 0.051 m η = 10.0	x: 1.305 m η = 2.0	x: 0.051 m η = 0.7	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 12.9	η < 0.1	η = 6.0	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 12.9**
N22/N20	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 16.1	x: 0.051 m η = 14.4	x: 1.305 m η = 3.4	x: 0.051 m η = 0.9	x: 0.051 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 19.6	η < 0.1	η = 7.4	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 19.6**
N20/N10	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 27.2	x: 0.051 m η = 26.1	x: 0.886 m η = 2.4	x: 0.051 m η = 1.7	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 31.0	η < 0.1	η = 0.5	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 31.0**
N10/N12	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 31.4	x: 0.052 m η = 29.4	x: 1.304 m η = 4.1	x: 1.304 m η = 2.3	x: 0.052 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 37.7	η < 0.1	η = 1.0	x: 0.052 m η = 0.4	η = 0.3	**CUMPLE η = 37.7**
N12/N14	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 34.9	x: 0.052 m η = 32.2	x: 1.301 m η = 2.8	x: 0.052 m η = 1.0	x: 0.052 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 38.2	η < 0.1	η = 2.9	x: 0.052 m η = 0.1	η = 0.1	**CUMPLE η = 38.2**
N14/N16	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 38.3	x: 0.053 m η = 34.9	x: 1.303 m η = 5.2	x: 1.303 m η = 1.4	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 44.8	η < 0.1	η = 3.7	x: 0.053 m η = 0.4	η = 0.1	**CUMPLE η = 44.8**
N16/N18	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 44.5	x: 0.053 m η = 41.4	x: 0.053 m η = 4.1	x: 0.053 m η = 1.8	x: 0.053 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 50.4	η < 0.1	η = 1.5	x: 1.302 m η = 0.2	η = 0.3	**CUMPLE η = 50.4**
N18/N5	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 46.0	x: 0.054 m η = 42.7	x: 1.315 m η = 8.2	x: 1.315 m η = 3.5	x: 0.054 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 57.7	η < 0.1	η = 1.4	x: 0.054 m η = 0.6	η = 0.3	**CUMPLE η = 57.7**
N8/N43	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 4.8	x: 0.131 m η = 5.3	x: 0.131 m η = 27.3	x: 0.131 m η = 3.0	x: 1.306 m η = 4.6	η = 0.6	η < 0.1	η < 0.1	x: 0.131 m η = 34.7	η < 0.1	η = 11.4	x: 0.131 m η = 3.5	η = 0.3	**CUMPLE η = 34.7**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N43/N38	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 10.7	x: 0.05 m η = 10.1	x: 0.05 m η = 4.4	x: 1.305 m η = 3.0	x: 0.05 m η = 0.4	η = 0.7	η < 0.1	η < 0.1	x: 0.05 m η = 15.2	η < 0.1	η = 11.1	x: 1.305 m η = 0.3	η = 0.3	**CUMPLE η = 15.2**
N38/N40	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 15.8	x: 0.051 m η = 14.1	x: 1.305 m η = 2.0	x: 0.051 m η = 1.2	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 18.2	η < 0.1	η = 6.0	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 18.2**
N40/N42	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 20.9	x: 0.051 m η = 18.4	x: 1.305 m η = 3.7	x: 0.051 m η = 1.0	x: 0.051 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 24.7	η < 0.1	η = 7.5	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 24.7**
N42/N36	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 30.5	x: 0.051 m η = 29.1	x: 0.677 m η = 2.6	x: 0.051 m η = 1.7	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 34.6	η < 0.1	η = 0.6	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 34.6**
N36/N34	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 34.4	x: 0.052 m η = 32.3	x: 1.304 m η = 4.2	x: 1.304 m η = 2.3	x: 0.052 m η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 40.9	η < 0.1	η = 1.0	x: 0.052 m η = 0.4	η = 0.3	**CUMPLE η = 40.9**
N34/N32	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 37.5	x: 0.052 m η = 34.9	x: 1.094 m η = 2.9	x: 0.052 m η = 1.2	x: 0.052 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 41.1	η < 0.1	η = 3.0	x: 0.052 m η = 0.1	η = 0.1	**CUMPLE η = 41.1**
N32/N28	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 40.5	x: 0.053 m η = 37.5	x: 1.303 m η = 5.2	x: 1.303 m η = 1.6	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 47.1	η < 0.1	η = 3.8	x: 0.053 m η = 0.4	η = 0.1	**CUMPLE η = 47.1**
N28/N30	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 44.9	x: 0.053 m η = 41.7	x: 0.053 m η = 4.4	x: 0.053 m η = 1.9	x: 1.302 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 51.1	η < 0.1	η = 1.4	x: 1.302 m η = 0.2	η = 0.3	**CUMPLE η = 51.1**
N30/N5	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 46.0	x: 0.054 m η = 42.7	x: 1.315 m η = 8.1	x: 1.315 m η = 3.6	x: 0.054 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 57.6	η < 0.1	η = 1.3	x: 0.054 m η = 0.6	η = 0.3	**CUMPLE η = 57.6**
N16/N15	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 12.0	x: 0.091 m η = 10.4	x: 1.59 m η = 4.7	x: 0.091 m η = 7.7	η = 0.7	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 23.6	η < 0.1	η = 1.1	η = 0.4	η = 0.3	**CUMPLE η = 23.6**
N18/N17	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 6.3	x: 0.091 m η = 5.1	x: 1.55 m η = 4.1	x: 1.55 m η = 2.6	η = 0.6	η = 0.1	x: 0.091 m η < 0.1	η < 0.1	x: 1.55 m η = 12.7	η < 0.1	η = 0.7	η = 0.4	η = 0.1	**CUMPLE η = 12.7**
N14/N13	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 12.3	x: 0.091 m η = 10.1	x: 1.63 m η = 5.8	x: 0.091 m η = 2.3	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 20.0	η < 0.1	η = 1.0	η = 0.5	η < 0.1	**CUMPLE η = 20.0**
N12/N11	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 15.4	x: 0.091 m η = 12.7	x: 1.67 m η = 6.4	x: 1.67 m η = 4.2	η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 1.67 m η = 25.3	η < 0.1	η = 1.3	η = 0.6	η = 0.2	**CUMPLE η = 25.3**
N10/N9	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 15.9	x: 0.091 m η = 12.6	x: 1.71 m η = 7.0	x: 1.71 m η = 4.0	η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 26.0	η < 0.1	η = 2.1	η = 0.6	η = 0.1	**CUMPLE η = 26.0**
N26/N25	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 16.3	x: 0.091 m η = 12.7	x: 0.091 m η = 12.3	x: 0.091 m η = 2.1	η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.7	η < 0.1	η = 4.8	η = 0.9	η < 0.1	**CUMPLE η = 29.7**
N24/N23	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 25.7	x: 0.091 m η = 20.8	x: 1.83 m η = 8.9	x: 0.091 m η = 6.5	η = 1.0	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 37.2	η < 0.1	η = 4.4	η = 0.7	η = 0.1	**CUMPLE η = 37.2**
N22/N21	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 21.0	x: 0.091 m η = 16.8	x: 1.79 m η = 8.8	x: 0.091 m η = 4.7	η = 1.1	η = 0.1	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 33.2	η < 0.1	η = 3.7	η = 0.7	η < 0.1	**CUMPLE η = 33.2**
N20/N19	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 21.1	x: 0.091 m η = 17.4	x: 1.75 m η = 8.0	x: 0.091 m η = 9.5	η = 1.0	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 36.8	η < 0.1	η = 3.0	η = 0.7	η = 0.3	**CUMPLE η = 36.8**
N28/N27	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 10.6	x: 0.091 m η = 9.8	x: 1.59 m η = 4.2	x: 0.091 m η = 7.7	η = 0.6	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 21.7	η < 0.1	η = 1.1	η = 0.4	η = 0.3	**CUMPLE η = 21.7**
N30/N29	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 4.9	x: 0.091 m η = 4.5	x: 0.091 m η = 3.6	x: 1.55 m η = 2.7	η = 0.5	η = 0.1	x: 0.091 m η < 0.1	η < 0.1	x: 1.55 m η = 10.9	η < 0.1	η = 0.8	η = 0.3	η = 0.1	**CUMPLE η = 10.9**
N32/N31	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 11.0	x: 0.091 m η = 9.5	x: 1.63 m η = 5.3	x: 0.091 m η = 2.3	η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 18.3	η < 0.1	η = 1.1	η = 0.5	η < 0.1	**CUMPLE η = 18.3**
N34/N33	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 14.1	x: 0.091 m η = 12.1	x: 1.67 m η = 5.9	x: 1.67 m η = 4.3	η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 1.67 m η = 23.8	η < 0.1	η = 1.4	η = 0.5	η = 0.2	**CUMPLE η = 23.8**
N36/N35	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 14.6	x: 0.091 m η = 12.0	x: 1.71 m η = 6.6	x: 1.71 m η = 4.2	η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 24.7	η < 0.1	η = 2.2	η = 0.6	η = 0.1	**CUMPLE η = 24.7**
N38/N37	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 23.8	x: 0.091 m η = 20.0	x: 1.83 m η = 8.7	x: 0.091 m η = 7.0	η = 1.0	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 37.3	η < 0.1	η = 4.7	η = 0.7	η = 0.2	**CUMPLE η = 37.3**
N40/N39	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 19.9	x: 0.091 m η = 16.2	x: 1.79 m η = 8.4	x: 0.091 m η = 4.9	η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 32.2	η < 0.1	η = 3.8	η = 0.7	η < 0.1	**CUMPLE η = 32.2**
N42/N41	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 19.8	x: 0.091 m η = 16.8	x: 1.75 m η = 7.6	x: 0.091 m η = 9.9	η = 1.0	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 35.8	η < 0.1	η = 3.0	η = 0.6	η = 0.3	**CUMPLE η = 35.8**
N43/N44	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 18.9	x: 0.091 m η = 14.2	x: 0.091 m η = 10.7	x: 0.091 m η = 2.3	η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 30.9	η < 0.1	η = 5.3	η = 0.8	η < 0.1	**CUMPLE η = 30.9**
N18/N6	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 5.4	x: 0.12 m η = 6.5	x: 0.12 m η = 1.9	x: 0.12 m η = 0.6	x: 2.01 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 9.0	η < 0.1	η = 1.1	x: 2.01 m η = 0.1	η < 0.1	**CUMPLE η = 9.0**
N16/N17	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 7.1	x: 0.119 m η = 9.1	x: 0.119 m η = 2.9	x: 0.119 m η = 3.9	x: 2.042 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.119 m η = 15.7	η < 0.1	η = 1.4	x: 2.042 m η = 0.2	η = 0.2	**CUMPLE η = 15.7**
N14/N15	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 12.8	x: 0.118 m η = 15.2	x: 0.118 m η = 3.3	x: 2.075 m η = 0.7	x: 2.075 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 18.7	η < 0.1	η = 0.8	x: 2.075 m η = 0.3	η < 0.1	**CUMPLE η = 18.7**
N12/N13	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 12.9	x: 0.117 m η = 16.1	x: 0.117 m η = 3.8	x: 0.117 m η = 2.2	x: 2.107 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 22.0	η < 0.1	η = 0.8	x: 2.107 m η = 0.3	η = 0.1	**CUMPLE η = 22.0**
N10/N11	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 15.7	x: 0.116 m η = 19.5	x: 0.116 m η = 3.9	x: 0.116 m η = 0.8	x: 2.14 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 24.2	η < 0.1	η = 1.5	x: 2.14 m η = 0.3	η < 0.1	**CUMPLE η = 24.2**
N20/N9	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 15.6	x: 0.115 m η = 20.1	x: 0.115 m η = 4.7	x: 0.115 m η = 3.6	x: 2.173 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.115 m η = 27.8	η < 0.1	η = 2.3	x: 2.173 m η = 0.4	η = 0.2	**CUMPLE η = 27.8**
N22/N19	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 21.2	x: 0.114 m η = 26.2	x: 0.114 m η = 5.1	x: 0.114 m η = 1.2	x: 2.206 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 32.5	η < 0.1	η = 2.2	x: 2.206 m η = 0.4	η < 0.1	**CUMPLE η = 32.5**
N24/N21	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 20.6	x: 0.113 m η = 26.2	x: 2.239 m η = 5.2	x: 0.113 m η = 1.8	x: 2.239 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 32.8	η < 0.1	η = 2.6	x: 2.239 m η = 0.4	η < 0.1	**CUMPLE η = 32.8**
N26/N23	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 24.5	x: 0.112 m η = 30.8	x: 0.112 m η = 8.9	x: 0.112 m η = 5.0	x: 2.273 m η = 0.9	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 43.4	η < 0.1	η = 2.2	x: 2.273 m η = 0.6	η = 0.1	**CUMPLE η = 43.4**
N7/N25	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 17.1	x: 0.232 m η = 22.4	x: 0.232 m η = 9.9	x: 0.232 m η = 8.0	x: 0.232 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 0.232 m η = 37.7	η < 0.1	η = 1.7	x: 0.232 m η = 0.5	η = 0.1	**CUMPLE η = 37.7**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N30/N6	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 4.5	x: 0.12 m η = 4.6	x: 0.12 m η = 1.8	x: 0.12 m η = 0.7	x: 2.01 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 6.9	η < 0.1	η = 1.1	x: 2.01 m η = 0.1	η < 0.1	**CUMPLE η = 6.9**
N28/N29	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 6.4	x: 0.119 m η = 7.3	x: 0.119 m η = 2.7	x: 0.119 m η = 3.8	x: 2.042 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.119 m η = 13.6	η < 0.1	η = 1.4	x: 2.042 m η = 0.2	η = 0.2	**CUMPLE η = 13.6**
N32/N27	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 12.0	x: 0.118 m η = 13.5	x: 0.118 m η = 3.0	x: 2.075 m η = 0.6	x: 2.075 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 16.7	η < 0.1	η = 0.8	x: 2.075 m η = 0.3	η < 0.1	**CUMPLE η = 16.7**
N34/N31	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 12.1	x: 0.117 m η = 14.4	x: 0.117 m η = 3.5	x: 0.117 m η = 2.3	x: 2.107 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 20.1	η < 0.1	η = 0.9	x: 2.107 m η = 0.3	η = 0.1	**CUMPLE η = 20.1**
N36/N33	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 14.9	x: 0.116 m η = 17.9	x: 0.116 m η = 3.6	x: 0.116 m η = 0.8	x: 2.14 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 22.2	η < 0.1	η = 1.6	x: 2.14 m η = 0.3	η < 0.1	**CUMPLE η = 22.2**
N42/N35	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 14.8	x: 0.115 m η = 18.6	x: 0.115 m η = 4.5	x: 0.115 m η = 3.7	x: 2.173 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.115 m η = 26.2	η < 0.1	η = 2.5	x: 2.173 m η = 0.4	η = 0.2	**CUMPLE η = 26.2**
N40/N41	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 20.5	x: 0.114 m η = 24.6	x: 0.114 m η = 4.8	x: 0.114 m η = 1.2	x: 2.206 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 30.5	η < 0.1	η = 2.3	x: 2.206 m η = 0.4	η < 0.1	**CUMPLE η = 30.5**
N38/N39	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 19.9	x: 0.113 m η = 24.9	x: 2.239 m η = 5.0	x: 2.239 m η = 1.8	x: 2.239 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 31.3	η < 0.1	η = 2.9	x: 2.239 m η = 0.4	η < 0.1	**CUMPLE η = 31.3**
N43/N37	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 23.6	x: 0.112 m η = 28.8	x: 0.112 m η = 7.2	x: 0.112 m η = 5.7	x: 2.273 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 40.5	η < 0.1	η = 2.6	x: 2.273 m η = 0.6	η = 0.1	**CUMPLE η = 40.5**
N8/N44	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 17.8	x: 0.232 m η = 23.7	x: 0.232 m η = 5.2	x: 0.232 m η = 8.7	x: 2.307 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.232 m η = 33.6	η < 0.1	η = 1.9	x: 0.232 m η = 0.3	η = 0.2	**CUMPLE η = 33.6**
N45/N46	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.9	x: 0 m η = 15.1	x: 6.109 m η = 52.5	x: 0 m η = 11.8	η = 8.9	η = 0.4	η < 0.1	η < 0.1	x: 6.109 m η = 65.6	η < 0.1	η < 0.1	η = 7.0	η = 0.3	**CUMPLE η = 65.6**
N46/N47	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 35.8	x: 0.091 m η = 0.3	η = 11.1	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 36.1	η < 0.1	η = 0.4	η = 6.8	η < 0.1	**CUMPLE η = 36.1**
N47/N48	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.7	η = 5.4	x: 1.306 m η = 6.2	x: 1.306 m η = 0.4	x: 1.306 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 12.3	η < 0.1	η = 0.9	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 12.3**
N48/N49	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 4.3	x: 0.049 m η = 9.1	x: 1.306 m η = 1.2	x: 0.049 m η = 2.1	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 13.9	η < 0.1	η = 1.0	x: 0.049 m η = 1.3	η < 0.1	**CUMPLE η = 13.9**
N49/N50	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.1	η = 17.5	x: 1.306 m η = 4.9	x: 0.049 m η = 1.1	x: 0.049 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 23.0	η < 0.1	η = 0.7	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 23.0**
N50/N51	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 27.0	η = 27.9	x: 1.305 m η = 6.0	x: 1.305 m η = 1.0	x: 0.049 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 34.5	η < 0.1	η = 0.7	x: 0.049 m η = 0.5	η = 0.1	**CUMPLE η = 34.5**
N51/N52	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 37.2	η = 38.4	x: 1.305 m η = 5.5	x: 0.05 m η = 0.9	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 44.3	η < 0.1	η = 1.1	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 44.3**
N52/N53	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 45.5	η = 47.1	x: 1.304 m η = 7.4	x: 1.304 m η = 0.8	x: 0.05 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 55.3	η < 0.1	η = 1.1	x: 0.05 m η = 0.5	η = 0.1	**CUMPLE η = 55.3**
N53/N54	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 53.7	η = 55.6	x: 1.304 m η = 6.0	x: 0.051 m η = 0.9	x: 0.051 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 61.8	η < 0.1	η = 0.4	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 61.8**
N54/N55	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 59.3	η = 61.5	x: 1.304 m η = 7.1	x: 1.304 m η = 0.9	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 69.3	η < 0.1	η = 0.2	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 69.3**
N55/N56	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 64.7	η = 67.0	x: 1.094 m η = 5.7	x: 0.051 m η = 0.9	x: 0.051 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.677 m η = 73.3	η < 0.1	η = 0.6	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 73.3**
N56/N57	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 68.0	η = 70.5	x: 1.303 m η = 10.2	x: 1.303 m η = 0.8	x: 0.052 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 81.3	η < 0.1	η = 0.5	x: 0.052 m η = 0.5	η = 0.1	**CUMPLE η = 81.3**
N57/N58	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 68.3	η = 70.7	x: 0.052 m η = 10.1	x: 0.052 m η = 0.8	x: 1.303 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 81.4	η < 0.1	η = 0.5	x: 1.303 m η = 0.5	η = 0.1	**CUMPLE η = 81.4**
N58/N59	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.2	η = 67.3	x: 0.261 m η = 5.7	x: 1.304 m η = 0.9	x: 1.304 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.678 m η = 73.6	η < 0.1	η = 0.6	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 73.6**
N59/N60	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 60.1	η = 61.9	x: 0.051 m η = 7.1	x: 0.051 m η = 0.9	x: 1.304 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 69.8	η < 0.1	η = 0.2	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 69.8**
N60/N61	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 54.8	η = 56.2	x: 0.051 m η = 6.0	x: 1.304 m η = 1.0	x: 1.304 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 62.5	η < 0.1	η = 0.4	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 62.5**
N61/N62	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 46.7	η = 47.8	x: 0.051 m η = 7.5	x: 0.051 m η = 0.9	x: 1.305 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 56.0	η < 0.1	η = 1.0	x: 1.305 m η = 0.5	η = 0.1	**CUMPLE η = 56.0**
N62/N63	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 38.6	η = 39.3	x: 0.05 m η = 5.5	x: 1.305 m η = 0.9	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 45.1	η < 0.1	η = 1.0	x: 1.305 m η = 0.4	η < 0.1	**CUMPLE η = 45.1**
N63/N64	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 28.6	η = 28.9	x: 0.05 m η = 6.0	x: 0.05 m η = 1.0	x: 1.306 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 35.6	η < 0.1	η = 0.5	x: 1.306 m η = 0.5	η = 0.1	**CUMPLE η = 35.6**
N64/N65	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 18.7	η = 18.6	x: 0.049 m η = 4.9	x: 1.306 m η = 1.0	x: 1.306 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 23.9	η < 0.1	η = 0.5	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 23.9**
N65/N66	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.3	η = 5.6	x: 1.306 m η = 8.6	x: 0.049 m η = 1.0	x: 1.306 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 14.5	η < 0.1	η = 0.8	x: 1.306 m η = 1.2	η < 0.1	**CUMPLE η = 14.5**
N66/N67	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.8	η = 4.3	x: 0.049 m η = 5.5	x: 0.049 m η = 0.5	x: 0.049 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 10.7	η < 0.1	η = 0.6	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 10.7**
N69/N424	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.6	x: 0 m η = 7.7	x: 0 m η = 11.5	x: 0 m η = 16.5	η = 13.1	η = 1.9	η < 0.1	η < 0.1	x: 0 m η = 30.1	η < 0.1	η = 0.2	η = 6.8	η = 0.3	**CUMPLE η = 30.1**
N424/N416	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.7	x: 0 m η = 8.0	x: 2.55 m η = 42.2	x: 0 m η = 13.9	η = 11.8	η = 0.9	η < 0.1	η < 0.1	x: 2.55 m η = 54.9	η < 0.1	η = 0.2	η = 6.8	η = 0.3	**CUMPLE η = 54.9**
N416/N68	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.8	x: 0 m η = 7.3	x: 0.109 m η = 44.7	x: 0 m η = 8.0	η = 13.8	η = 1.8	η < 0.1	η < 0.1	x: 0.109 m η = 56.0	η < 0.1	η = 0.2	η = 6.8	η = 0.1	**CUMPLE η = 56.0**
N68/N67	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.1	x: 0.091 m η = 30.4	x: 0.091 m η = 0.2	η = 9.3	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 30.6	η < 0.1	η = 0.3	η = 5.3	η < 0.1	**CUMPLE η = 30.6**
N70/N57	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 19.2	x: 0.091 m η = 19.1	x: 1.51 m η = 0.2	x: 0.091 m η = 5.1	η < 0.1	η = 0.6	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 24.3	η < 0.1	η = 0.2	η < 0.1	η = 0.3	**CUMPLE η = 24.3**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N46/N71	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.7	x: 0.131 m η = 0.7	x: 0.131 m η = 70.5	x: 0.131 m η = 2.0	x: 0.131 m η = 11.9	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 73.2	η < 0.1	η = 2.2	x: 0.131 m η = 7.4	η = 0.2	**CUMPLE η = 73.2**
N71/N72	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.7	x: 0.05 m η = 12.6	x: 0.05 m η = 10.7	x: 1.305 m η = 2.2	x: 1.305 m η = 0.9	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 23.4	η < 0.1	η = 2.8	x: 1.305 m η = 0.6	η = 0.2	**CUMPLE η = 23.4**
N72/N73	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 17.3	x: 0.051 m η = 14.4	x: 1.305 m η = 3.3	x: 0.051 m η = 1.4	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 20.7	η < 0.1	η = 2.9	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 20.7**
N73/N74	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 27.7	x: 0.051 m η = 24.5	x: 1.305 m η = 7.6	x: 1.305 m η = 0.8	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 36.1	η < 0.1	η = 3.1	x: 0.051 m η = 0.8	η = 0.1	**CUMPLE η = 36.1**
N74/N75	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 36.4	x: 0.051 m η = 32.6	x: 1.302 m η = 3.8	x: 0.051 m η = 2.5	x: 0.051 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 42.2	η < 0.1	η = 1.3	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 42.2**
N75/N76	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 44.9	x: 0.052 m η = 40.9	x: 1.304 m η = 9.5	x: 1.304 m η = 2.9	x: 1.304 m η = 1.3	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 57.2	η < 0.1	η = 1.4	x: 0.052 m η = 0.8	η = 0.2	**CUMPLE η = 57.2**
N76/N77	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 45.1	x: 0.052 m η = 39.6	x: 0.052 m η = 6.1	x: 0.052 m η = 0.8	x: 0.052 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 51.8	η < 0.1	η = 2.7	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 51.8**
N77/N78	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 50.6	x: 0.053 m η = 44.9	x: 1.303 m η = 8.9	x: 1.303 m η = 0.7	x: 1.303 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 60.2	η < 0.1	η = 2.9	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 60.2**
N78/N79	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 54.1	x: 0.053 m η = 48.0	x: 0.053 m η = 6.9	x: 0.053 m η = 1.7	x: 0.053 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 62.6	η < 0.1	η = 2.0	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 62.6**
N79/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 56.9	x: 0.054 m η = 50.7	x: 1.315 m η = 12.7	x: 1.315 m η = 1.9	x: 0.054 m η = 1.4	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 71.3	η < 0.1	η = 2.0	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 71.3**
N68/N88	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 1.0	x: 0.131 m η = 2.3	x: 0.131 m η = 64.7	x: 0.131 m η = 2.8	x: 0.131 m η = 10.9	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 67.8	η < 0.1	η = 1.4	x: 0.131 m η = 6.6	η = 0.1	**CUMPLE η = 67.8**
N88/N87	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 11.6	x: 0.05 m η = 13.6	x: 0.05 m η = 9.5	x: 1.305 m η = 3.2	x: 1.305 m η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 22.0	η < 0.1	η = 1.9	x: 1.305 m η = 0.4	η = 0.1	**CUMPLE η = 22.0**
N87/N86	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 18.0	x: 0.051 m η = 14.5	x: 1.305 m η = 3.2	x: 0.051 m η = 1.5	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 21.5	η < 0.1	η = 2.9	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 21.5**
N86/N85	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 28.4	x: 0.051 m η = 24.5	x: 1.305 m η = 7.7	x: 1.305 m η = 1.3	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 37.1	η < 0.1	η = 3.0	x: 0.051 m η = 0.8	η < 0.1	**CUMPLE η = 37.1**
N85/N84	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 36.9	x: 0.051 m η = 32.6	x: 1.302 m η = 3.8	x: 0.051 m η = 1.6	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 41.3	η < 0.1	η = 1.4	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 41.3**
N84/N83	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 45.3	x: 0.052 m η = 40.7	x: 1.304 m η = 9.5	x: 1.304 m η = 2.3	x: 1.304 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 56.0	η < 0.1	η = 1.5	x: 0.052 m η = 0.8	η = 0.2	**CUMPLE η = 56.0**
N83/N82	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 45.6	x: 0.052 m η = 39.7	x: 0.052 m η = 6.2	x: 0.052 m η = 0.9	x: 0.052 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 52.5	η < 0.1	η = 2.7	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 52.5**
N82/N81	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 51.1	x: 0.053 m η = 45.0	x: 1.303 m η = 8.9	x: 1.303 m η = 1.1	x: 1.303 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 61.0	η < 0.1	η = 2.9	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 61.0**
N81/N80	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 54.4	x: 0.053 m η = 48.0	x: 0.053 m η = 6.9	x: 0.053 m η = 0.7	x: 0.053 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.053 m η = 61.4	η < 0.1	η = 2.0	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 61.4**
N80/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 56.9	x: 0.054 m η = 50.5	x: 1.315 m η = 12.7	x: 1.315 m η = 0.8	x: 0.054 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 1.315 m η = 69.8	η < 0.1	η = 1.9	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 69.8**
N78/N55	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.0	x: 0.091 m η = 19.8	x: 1.59 m η = 6.6	x: 0.091 m η = 5.6	η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 31.3	η < 0.1	η = 0.4	η = 0.6	η = 0.3	**CUMPLE η = 31.3**
N79/N56	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.2	x: 0.091 m η = 10.8	x: 0.091 m η = 5.4	x: 1.55 m η = 1.1	η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.5	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.5**
N77/N54	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.8	x: 0.091 m η = 20.0	x: 1.63 m η = 8.6	x: 0.091 m η = 0.9	η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.7	η < 0.1	η = 0.5	η = 0.7	η < 0.1	**CUMPLE η = 29.7**
N76/N53	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 32.0	x: 0.091 m η = 31.6	x: 1.67 m η = 11.3	x: 0.091 m η = 4.3	η = 1.5	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 47.1	η < 0.1	η = 0.1	η = 0.9	η = 0.2	**CUMPLE η = 47.1**
N75/N52	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 32.4	x: 0.091 m η = 31.4	x: 1.71 m η = 13.6	x: 1.71 m η = 1.1	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 46.4	η < 0.1	η = 0.6	η = 1.1	η < 0.1	**CUMPLE η = 46.4**
N71/N48	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 38.7	x: 0.091 m η = 37.5	x: 0.091 m η = 24.8	x: 0.091 m η = 1.5	η = 2.6	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 65.0	η < 0.1	η = 0.7	η = 1.6	η < 0.1	**CUMPLE η = 65.0**
N72/N49	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 54.5	x: 0.091 m η = 53.2	x: 1.83 m η = 18.4	x: 0.091 m η = 5.6	η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 77.4	η < 0.1	η = 0.6	η = 1.3	η = 0.2	**CUMPLE η = 77.4**
N73/N50	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 40.8	x: 0.091 m η = 39.4	x: 1.79 m η = 16.7	x: 0.091 m η = 1.1	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 58.6	η < 0.1	η = 0.9	η = 1.3	η < 0.1	**CUMPLE η = 58.6**
N74/N51	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 40.8	x: 0.091 m η = 40.0	x: 1.75 m η = 15.0	x: 0.091 m η = 5.0	η = 1.9	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 59.5	η < 0.1	η = 0.6	η = 1.2	η = 0.2	**CUMPLE η = 59.5**
N81/N59	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.5	x: 0.091 m η = 19.2	x: 1.59 m η = 6.4	x: 0.091 m η = 5.6	η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 30.8	η < 0.1	η = 0.5	η = 0.5	η = 0.3	**CUMPLE η = 30.8**
N80/N58	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 10.7	x: 0.091 m η = 10.2	x: 0.091 m η = 5.3	x: 1.55 m η = 1.1	η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 16.8	η < 0.1	η = 0.1	η = 0.4	η < 0.1	**CUMPLE η = 16.8**
N82/N60	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.3	x: 0.091 m η = 19.4	x: 1.63 m η = 8.4	x: 0.091 m η = 0.9	η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.2	η < 0.1	η = 0.5	η = 0.7	η < 0.1	**CUMPLE η = 29.2**
N83/N61	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 31.5	x: 0.091 m η = 31.0	x: 1.67 m η = 11.1	x: 0.091 m η = 4.4	η = 1.5	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 46.4	η < 0.1	η = 0.2	η = 0.9	η = 0.2	**CUMPLE η = 46.4**
N84/N62	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 31.9	x: 0.091 m η = 30.8	x: 1.71 m η = 13.4	x: 1.71 m η = 1.0	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 46.0	η < 0.1	η = 0.5	η = 1.1	η < 0.1	**CUMPLE η = 46.0**
N87/N65	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 53.9	x: 0.091 m η = 52.4	x: 1.83 m η = 18.3	x: 0.091 m η = 4.5	η = 2.1	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 75.5	η < 0.1	η = 0.4	η = 1.3	η = 0.2	**CUMPLE η = 75.5**
N86/N64	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 40.4	x: 0.091 m η = 38.9	x: 1.79 m η = 16.6	x: 1.79 m η = 0.9	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 57.8	η < 0.1	η = 0.7	η = 1.2	η < 0.1	**CUMPLE η = 57.8**
N85/N63	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 40.4	x: 0.091 m η = 39.4	x: 1.75 m η = 14.8	x: 0.091 m η = 4.8	η = 1.9	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 59.4	η < 0.1	η = 0.6	η = 1.1	η = 0.2	**CUMPLE η = 59.4**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N88/N66	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 39.6	x: 0.091 m η = 38.9	x: 0.091 m η = 24.2	x: 0.091 m η = 1.3	η = 2.6	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 64.9	η < 0.1	η = 0.4	η = 1.6	η < 0.1	**CUMPLE η = 64.9**
N79/N57	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 12.0	x: 0.12 m η = 12.0	x: 0.12 m η = 3.9	x: 2.01 m η = 0.3	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 16.0	η < 0.1	η = 0.3	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 16.0**
N78/N56	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.7	x: 0.119 m η = 15.7	x: 0.119 m η = 5.2	x: 0.119 m η = 3.4	x: 2.042 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.119 m η = 24.0	η < 0.1	η = 0.7	x: 2.042 m η = 0.3	η = 0.1	**CUMPLE η = 24.0**
N77/N55	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.6	x: 0.118 m η = 25.3	x: 0.118 m η = 5.7	x: 0.118 m η = 0.7	x: 2.075 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 31.5	η < 0.1	η = 0.3	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 31.5**
N76/N54	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.6	x: 0.117 m η = 27.0	x: 0.117 m η = 7.4	x: 0.117 m η = 2.8	x: 2.107 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 36.8	η < 0.1	η = 0.4	x: 2.107 m η = 0.5	η = 0.1	**CUMPLE η = 36.8**
N75/N53	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 38.7	x: 0.116 m η = 39.7	x: 0.116 m η = 8.3	x: 0.116 m η = 0.7	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 48.6	η < 0.1	η = 0.4	x: 2.14 m η = 0.6	η < 0.1	**CUMPLE η = 48.6**
N74/N52	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 39.4	x: 0.115 m η = 41.0	x: 0.115 m η = 9.5	x: 0.115 m η = 3.1	x: 2.173 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 0.115 m η = 53.2	η < 0.1	η = 0.6	x: 2.173 m η = 0.6	η = 0.1	**CUMPLE η = 53.2**
N73/N51	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.9	x: 0.114 m η = 50.4	x: 0.114 m η = 10.1	x: 0.114 m η = 0.9	x: 2.206 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 61.3	η < 0.1	η = 0.4	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 61.3**
N72/N50	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 48.6	x: 0.113 m η = 50.7	x: 0.113 m η = 10.7	x: 0.113 m η = 3.1	x: 2.239 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 64.2	η < 0.1	η = 0.9	x: 2.239 m η = 0.7	η = 0.1	**CUMPLE η = 64.2**
N71/N49	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 62.9	x: 0.112 m η = 65.0	x: 0.112 m η = 17.6	x: 0.112 m η = 1.3	x: 2.273 m η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 82.8	η < 0.1	η = 0.3	x: 2.273 m η = 1.1	η < 0.1	**CUMPLE η = 82.8**
N46/N48	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 48.3	x: 0.232 m η = 50.4	x: 0.232 m η = 12.9	x: 0.232 m η = 2.3	x: 0.232 m η = 0.9	η = 0.2	η < 0.1	η < 0.1	x: 0.232 m η = 65.5	η < 0.1	η = 0.5	x: 0.232 m η = 0.6	η = 0.1	**CUMPLE η = 65.5**
N80/N57	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.1	x: 0.12 m η = 11.3	x: 0.12 m η = 3.8	x: 2.01 m η = 0.4	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.1	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.1**
N81/N58	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.9	x: 0.119 m η = 15.1	x: 0.119 m η = 5.0	x: 0.119 m η = 3.3	x: 2.042 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.119 m η = 22.7	η < 0.1	η = 0.7	x: 2.042 m η = 0.3	η = 0.1	**CUMPLE η = 22.7**
N82/N59	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 23.8	x: 0.118 m η = 24.7	x: 0.118 m η = 5.6	x: 0.118 m η = 0.7	x: 2.075 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 30.4	η < 0.1	η = 0.3	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 30.4**
N83/N60	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 24.8	x: 0.117 m η = 26.4	x: 0.117 m η = 7.3	x: 0.117 m η = 3.1	x: 2.107 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 36.7	η < 0.1	η = 0.3	x: 2.107 m η = 0.5	η = 0.1	**CUMPLE η = 36.7**
N84/N61	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 38.0	x: 0.116 m η = 39.2	x: 0.116 m η = 8.2	x: 2.14 m η = 0.6	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 47.6	η < 0.1	η = 0.4	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 47.6**
N85/N62	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 38.6	x: 0.115 m η = 40.5	x: 0.115 m η = 9.4	x: 0.115 m η = 3.0	x: 2.173 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 0.115 m η = 52.2	η < 0.1	η = 0.6	x: 2.173 m η = 0.6	η = 0.1	**CUMPLE η = 52.2**
N86/N63	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.1	x: 0.114 m η = 49.9	x: 0.114 m η = 10.0	x: 0.114 m η = 0.9	x: 2.206 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 60.2	η < 0.1	η = 0.4	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 60.2**
N87/N64	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 48.0	x: 0.113 m η = 50.3	x: 0.113 m η = 10.7	x: 0.113 m η = 3.1	x: 2.239 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 63.9	η < 0.1	η = 0.5	x: 2.239 m η = 0.7	η = 0.1	**CUMPLE η = 63.9**
N88/N65	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 62.0	x: 0.112 m η = 64.3	x: 0.112 m η = 17.1	x: 0.112 m η = 1.1	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 81.7	η < 0.1	η = 0.2	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 81.7**
N68/N66	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 49.0	x: 0.232 m η = 50.9	x: 0.232 m η = 10.7	x: 0.232 m η = 1.4	x: 0.232 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 61.9	η < 0.1	η = 0.3	x: 0.232 m η = 0.4	η < 0.1	**CUMPLE η = 61.9**
N89/N90	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.6	x: 0 m η = 14.4	x: 6.109 m η = 56.5	x: 0 m η = 11.2	η = 9.7	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 69.4	η < 0.1	η < 0.1	η = 7.9	η = 0.3	**CUMPLE η = 69.4**
N90/N91	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.3	x: 0.091 m η = 0.4	η = 12.3	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 39.5	η < 0.1	η = 0.3	η = 7.4	η < 0.1	**CUMPLE η = 39.5**
N91/N92	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.2	x: 1.306 m η = 6.5	x: 1.306 m η = 0.4	x: 1.306 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.9	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.0**
N92/N93	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.9	η = 2.8	x: 0.049 m η = 9.1	x: 1.306 m η = 0.7	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.0	η < 0.1	η = 0.9	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 12.0**
N93/N94	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.9	η = 15.1	x: 1.306 m η = 4.6	x: 1.306 m η = 0.6	x: 0.049 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 20.1	η < 0.1	η = 0.9	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 20.1**
N94/N95	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 24.7	η = 25.2	x: 1.305 m η = 6.1	x: 0.049 m η = 0.4	x: 0.049 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 31.3	η < 0.1	η = 0.7	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 31.3**
N95/N96	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 34.6	η = 35.4	x: 1.305 m η = 5.4	x: 0.05 m η = 0.2	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 40.9	η < 0.1	η = 0.5	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 40.9**
N96/N97	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 42.5	η = 43.6	x: 1.304 m η = 6.9	x: 1.304 m η = 0.2	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 50.7	η < 0.1	η = 0.3	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 50.7**
N97/N98	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 50.4	η = 51.7	x: 1.304 m η = 6.0	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 57.8	η < 0.1	η = 0.2	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 57.8**
N98/N99	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.2	η = 57.7	x: 1.304 m η = 7.5	x: 1.302 m η = 0.2	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.3	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 65.3**
N99/N100	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 61.9	η = 63.4	x: 1.094 m η = 5.9	x: 0.051 m η = 0.2	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 69.4	η < 0.1	η = 0.1	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 69.4**
N100/N101	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.2	η = 66.9	x: 1.303 m η = 10.7	x: 1.303 m η = 0.3	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 77.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 77.8**
N101/N102	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.5	η = 67.2	x: 0.052 m η = 10.6	x: 0.052 m η = 0.2	x: 1.303 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 78.0	η < 0.1	η < 0.1	x: 1.303 m η = 0.5	η < 0.1	**CUMPLE η = 78.0**
N102/N103	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.5	η = 64.0	x: 0.469 m η = 5.9	x: 1.302 m η = 0.2	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.469 m η = 70.1	η < 0.1	η < 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 70.1**
N103/N104	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.1	η = 58.6	x: 0.051 m η = 7.5	x: 0.051 m η = 0.2	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 66.1	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 66.1**
N104/N105	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 51.6	η = 52.9	x: 0.051 m η = 6.0	x: 0.051 m η = 0.2	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.1	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 59.1**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N105/N106	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.0	η = 45.1	x: 0.051 m η = 6.9	x: 1.305 m η = 0.2	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 52.0	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 52.0**
N106/N107	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 36.3	η = 37.1	x: 0.05 m η = 5.5	x: 1.305 m η = 0.4	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.6	η < 0.1	η = 0.3	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 42.6**
N107/N108	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.5	η = 27.2	x: 0.05 m η = 6.1	x: 1.306 m η = 0.5	x: 1.306 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 33.6	η < 0.1	η = 0.5	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 33.6**
N108/N109	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.0	η = 17.3	x: 0.049 m η = 4.7	x: 0.049 m η = 0.6	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.4	η < 0.1	η = 0.6	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.4**
N109/N110	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.2	η = 5.3	x: 1.306 m η = 7.8	x: 0.049 m η = 0.6	x: 1.306 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.6	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 13.0**
N110/N111	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.0	η = 4.5	x: 0.049 m η = 5.1	x: 0.049 m η = 0.4	x: 1.225 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 10.0	η < 0.1	η = 0.6	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 10.0**
N113/N425	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.3	x: 0 m η = 7.1	x: 0 m η = 9.8	x: 0 m η = 11.2	η = 12.6	η = 0.7	η < 0.1	η < 0.1	x: 0 m η = 26.2	η < 0.1	η = 0.2	η = 6.0	η = 0.2	**CUMPLE η = 26.2**
N425/N417	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.4	x: 0 m η = 7.4	x: 2.55 m η = 40.6	x: 0 m η = 10.2	η = 11.0	η = 0.7	η < 0.1	η < 0.1	x: 2.55 m η = 51.7	η < 0.1	η = 0.2	η = 6.0	η = 0.2	**CUMPLE η = 51.7**
N417/N112	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.5	x: 0 m η = 6.8	x: 0.109 m η = 42.3	x: 0.109 m η = 5.4	η = 10.0	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 53.8	η < 0.1	η = 0.2	η = 6.0	η = 0.1	**CUMPLE η = 53.8**
N112/N111	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 28.7	x: 0.091 m η = 0.3	η = 8.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.1	η < 0.1	η = 0.3	η = 5.1	η < 0.1	**CUMPLE η = 29.1**
N114/N101	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.1	x: 0.091 m η = 18.5	x: 1.51 m η = 0.2	x: 0.091 m η = 0.7	η < 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 19.3	η < 0.1	η = 0.2	η < 0.1	η = 0.1	**CUMPLE η = 19.3**
N90/N115	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.7	x: 0.131 m η = 2.6	x: 0.131 m η = 71.9	x: 0.131 m η = 2.1	x: 0.131 m η = 12.1	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 76.6	η < 0.1	η = 2.2	x: 0.131 m η = 7.4	η = 0.1	**CUMPLE η = 76.6**
N115/N116	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 9.9	x: 0.05 m η = 10.0	x: 0.05 m η = 11.3	x: 1.305 m η = 1.7	x: 1.305 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 21.4	η < 0.1	η = 2.4	x: 1.305 m η = 0.7	η = 0.2	**CUMPLE η = 21.4**
N116/N117	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 19.9	x: 0.051 m η = 19.6	x: 1.305 m η = 3.4	x: 0.051 m η = 1.2	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 23.4	η < 0.1	η = 0.5	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 23.4**
N117/N118	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.1	x: 0.051 m η = 29.5	x: 1.305 m η = 7.8	x: 1.305 m η = 1.0	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 38.6	η < 0.1	η = 0.6	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 38.6**
N118/N119	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 38.2	x: 0.051 m η = 37.3	x: 1.095 m η = 3.8	x: 0.051 m η = 2.3	x: 0.051 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 44.0	η < 0.1	η = 0.4	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 44.0**
N119/N120	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 46.3	x: 0.052 m η = 45.2	x: 1.304 m η = 8.7	x: 1.304 m η = 2.4	x: 1.304 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 57.1	η < 0.1	η = 0.4	x: 0.052 m η = 0.7	η = 0.2	**CUMPLE η = 57.1**
N120/N121	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 52.3	x: 0.052 m η = 50.8	x: 0.052 m η = 5.5	x: 0.052 m η = 0.7	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 58.2	η < 0.1	η = 0.4	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 58.2**
N121/N122	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.0	x: 0.053 m η = 56.5	x: 1.303 m η = 9.6	x: 1.303 m η = 0.9	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 68.2	η < 0.1	η = 0.4	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 68.2**
N122/N123	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.4	x: 0.053 m η = 59.6	x: 0.053 m η = 7.4	x: 0.053 m η = 1.9	x: 0.053 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 70.5	η < 0.1	η = 0.4	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 70.5**
N123/N114	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.1	x: 0.054 m η = 62.2	x: 1.315 m η = 13.3	x: 1.315 m η = 2.1	x: 1.315 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 79.3	η < 0.1	η = 0.4	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 79.3**
N112/N132	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.8	x: 0.131 m η = 0.2	x: 0.131 m η = 59.4	x: 0.131 m η = 3.1	x: 1.306 m η = 10.0	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 63.0	η < 0.1	η = 1.6	x: 0.131 m η = 6.2	η = 0.1	**CUMPLE η = 63.0**
N132/N131	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 11.9	x: 0.05 m η = 11.7	x: 0.05 m η = 8.7	x: 1.305 m η = 2.8	x: 1.305 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 20.3	η < 0.1	η = 1.7	x: 1.305 m η = 0.5	η = 0.1	**CUMPLE η = 20.3**
N131/N130	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 21.7	x: 0.051 m η = 21.2	x: 1.305 m η = 3.4	x: 0.051 m η = 1.2	x: 0.051 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 25.2	η < 0.1	η = 0.5	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 25.2**
N130/N129	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 31.7	x: 0.051 m η = 30.9	x: 1.305 m η = 7.9	x: 1.305 m η = 1.6	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 40.7	η < 0.1	η = 0.3	x: 0.051 m η = 0.7	η < 0.1	**CUMPLE η = 40.7**
N129/N128	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 39.6	x: 0.051 m η = 38.5	x: 0.051 m η = 3.9	x: 0.051 m η = 1.7	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 44.0	η < 0.1	η = 0.4	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.0**
N128/N127	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.4	x: 0.052 m η = 46.2	x: 1.304 m η = 8.7	x: 1.304 m η = 2.0	x: 1.304 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 56.7	η < 0.1	η = 0.4	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.7**
N127/N126	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.1	x: 0.052 m η = 51.6	x: 0.052 m η = 5.6	x: 0.052 m η = 1.6	x: 0.052 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 60.2	η < 0.1	η = 0.5	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 60.2**
N126/N125	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.6	x: 0.053 m η = 57.0	x: 1.303 m η = 9.6	x: 1.303 m η = 1.5	x: 1.303 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 69.5	η < 0.1	η = 0.4	x: 0.053 m η = 0.6	η = 0.1	**CUMPLE η = 69.5**
N125/N124	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.7	x: 0.053 m η = 59.9	x: 0.053 m η = 7.5	x: 0.053 m η = 1.1	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.4	η < 0.1	η = 0.4	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 69.4**
N124/N114	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.2	x: 1.315 m η = 13.3	x: 1.315 m η = 1.4	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 77.4	η < 0.1	η = 0.4	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 77.4**
N122/N99	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.7	x: 0.091 m η = 20.8	x: 1.59 m η = 7.3	x: 0.091 m η = 0.5	η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.1	η < 0.1	η = 0.3	η = 0.6	η < 0.1	**CUMPLE η = 28.1**
N123/N100	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 10.9	x: 0.091 m η = 10.7	x: 0.091 m η = 5.9	x: 0.091 m η = 0.2	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 16.8	η < 0.1	η = 0.3	η = 0.5	η < 0.1	**CUMPLE η = 16.8**
N121/N98	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.3	x: 0.091 m η = 20.8	x: 1.63 m η = 9.4	x: 1.63 m η = 0.2	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.7	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 30.7**
N120/N97	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.2	x: 0.091 m η = 30.1	x: 1.67 m η = 11.2	x: 0.091 m η = 0.5	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 41.5	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 41.5**
N119/N96	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.7	x: 0.091 m η = 29.9	x: 1.71 m η = 13.0	x: 1.71 m η = 0.5	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 43.7	η < 0.1	η = 0.3	η = 1.0	η < 0.1	**CUMPLE η = 43.7**
N115/N92	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 34.9	x: 0.091 m η = 34.2	x: 0.091 m η = 23.5	x: 0.091 m η = 0.8	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.3	η < 0.1	η = 0.9	η = 1.5	η < 0.1	**CUMPLE η = 58.3**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N116/N93	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 50.9	x: 0.091 m η = 50.3	x: 1.83 m η = 17.3	x: 0.091 m η = 2.8	η = 2.0	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 69.1	η < 0.1	η = 0.6	η = 1.2	η < 0.1	**CUMPLE η = 69.1**
N117/N94	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.5	x: 0.091 m η = 38.6	x: 1.79 m η = 16.5	x: 1.79 m η = 0.8	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.1	η < 0.1	η = 0.4	η = 1.2	η < 0.1	**CUMPLE η = 56.1**
N118/N95	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.7	x: 0.091 m η = 39.4	x: 1.75 m η = 14.6	x: 1.75 m η = 0.6	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 54.6	η < 0.1	η = 0.4	η = 1.1	η < 0.1	**CUMPLE η = 54.6**
N125/N103	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.6	x: 0.091 m η = 20.0	x: 1.59 m η = 6.8	x: 0.091 m η = 0.5	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 26.9	η < 0.1	η = 0.2	η = 0.6	η < 0.1	**CUMPLE η = 26.9**
N124/N102	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.9	x: 0.091 m η = 9.8	x: 0.091 m η = 5.5	x: 0.091 m η = 0.2	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 15.4	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 15.4**
N126/N104	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.2	x: 0.091 m η = 20.0	x: 1.63 m η = 8.9	x: 1.63 m η = 0.2	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 29.2	η < 0.1	η = 0.3	η = 0.7	η < 0.1	**CUMPLE η = 29.2**
N127/N105	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 29.2	x: 0.091 m η = 29.3	x: 1.67 m η = 10.8	x: 0.091 m η = 0.5	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 40.2	η < 0.1	η = 0.1	η = 0.9	η < 0.1	**CUMPLE η = 40.2**
N128/N106	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 29.7	x: 0.091 m η = 29.2	x: 1.71 m η = 12.6	x: 1.71 m η = 0.4	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 42.4	η < 0.1	η = 0.3	η = 1.0	η < 0.1	**CUMPLE η = 42.4**
N131/N109	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 49.4	x: 0.091 m η = 49.2	x: 1.83 m η = 17.1	x: 0.091 m η = 2.0	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 67.1	η < 0.1	η = 0.4	η = 1.2	η = 0.1	**CUMPLE η = 67.1**
N130/N108	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 38.6	x: 0.091 m η = 37.9	x: 1.79 m η = 16.1	x: 1.79 m η = 0.6	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 54.9	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 54.9**
N129/N107	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 38.7	x: 0.091 m η = 38.6	x: 1.75 m η = 14.3	x: 1.75 m η = 0.5	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 53.1	η < 0.1	η = 0.2	η = 1.1	η < 0.1	**CUMPLE η = 53.1**
N132/N110	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 36.7	x: 0.091 m η = 35.9	x: 0.091 m η = 22.1	x: 0.091 m η = 0.6	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 59.1	η < 0.1	η = 0.8	η = 1.5	η < 0.1	**CUMPLE η = 59.1**
N123/N101	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.6	x: 0.12 m η = 11.6	x: 0.12 m η = 3.9	x: 0.12 m η = 0.7	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.8	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.8**
N122/N100	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.7	x: 0.119 m η = 15.5	x: 0.119 m η = 5.4	x: 2.042 m η = 0.4	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 20.9	η < 0.1	η = 0.2	x: 2.042 m η = 0.3	η < 0.1	**CUMPLE η = 20.9**
N121/N99	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.7	x: 0.118 m η = 26.0	x: 0.118 m η = 6.1	x: 0.118 m η = 0.3	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 32.0	η < 0.1	η < 0.1	x: 2.075 m η = 0.3	η < 0.1	**CUMPLE η = 32.0**
N120/N98	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.6	x: 0.117 m η = 27.6	x: 0.117 m η = 7.4	x: 0.117 m η = 0.6	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 35.2	η < 0.1	η = 0.2	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 35.2**
N119/N97	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.1	x: 0.116 m η = 37.7	x: 0.116 m η = 8.0	x: 0.116 m η = 0.7	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 46.1	η < 0.1	η = 0.3	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 46.1**
N118/N96	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.5	x: 0.115 m η = 38.8	x: 0.115 m η = 9.2	x: 0.115 m η = 0.4	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.2	η < 0.1	η = 0.3	x: 2.173 m η = 0.6	η < 0.1	**CUMPLE η = 48.2**
N117/N95	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.1	x: 0.114 m η = 49.0	x: 0.114 m η = 10.1	x: 0.114 m η = 0.3	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 58.8	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 58.8**
N116/N94	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 47.5	x: 0.113 m η = 49.1	x: 0.113 m η = 10.0	x: 0.113 m η = 1.3	x: 2.239 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 59.4	η < 0.1	η = 0.6	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 59.4**
N115/N93	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 59.6	x: 0.112 m η = 60.8	x: 0.112 m η = 17.0	x: 0.112 m η = 0.9	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 77.7	η < 0.1	η = 0.5	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 77.7**
N90/N92	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 44.7	x: 0.232 m η = 46.1	x: 0.232 m η = 14.4	x: 0.232 m η = 1.4	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 61.6	η < 0.1	η = 0.3	x: 2.307 m η = 0.8	η = 0.1	**CUMPLE η = 61.6**
N124/N101	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.4	x: 0.12 m η = 10.1	x: 0.12 m η = 3.7	x: 0.12 m η = 0.4	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.4	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.4**
N125/N102	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.6	x: 0.119 m η = 14.1	x: 0.119 m η = 5.2	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 19.4	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 19.4**
N126/N103	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.6	x: 0.118 m η = 24.7	x: 0.118 m η = 5.9	x: 0.118 m η = 0.5	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 30.8	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 30.8**
N127/N104	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.5	x: 0.117 m η = 26.3	x: 0.117 m η = 7.2	x: 0.117 m η = 0.7	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 33.4	η < 0.1	η = 0.2	x: 2.107 m η = 0.5	η < 0.1	**CUMPLE η = 33.4**
N128/N105	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 36.1	x: 0.116 m η = 36.5	x: 0.116 m η = 7.8	x: 0.116 m η = 0.5	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 44.3	η < 0.1	η = 0.3	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 44.3**
N129/N106	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 36.5	x: 0.115 m η = 37.6	x: 0.115 m η = 9.1	x: 0.115 m η = 0.5	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 46.5	η < 0.1	η = 0.1	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 46.5**
N130/N107	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 47.1	x: 0.114 m η = 47.7	x: 0.114 m η = 9.9	x: 0.114 m η = 0.6	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 57.9	η < 0.1	η = 0.2	x: 2.206 m η = 0.6	η < 0.1	**CUMPLE η = 57.9**
N131/N108	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 46.7	x: 0.113 m η = 48.0	x: 0.113 m η = 10.0	x: 0.113 m η = 1.3	x: 2.239 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 58.3	η < 0.1	η = 0.4	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 58.3**
N132/N109	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 58.4	x: 0.112 m η = 59.1	x: 0.112 m η = 16.0	x: 0.112 m η = 0.8	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 75.1	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 75.1**
N112/N110	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.5	x: 0.232 m η = 46.9	x: 0.232 m η = 9.8	x: 0.232 m η = 1.4	x: 2.307 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 57.1	η < 0.1	η = 0.3	x: 0.232 m η = 0.4	η < 0.1	**CUMPLE η = 57.1**
N133/N134	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.7	x: 0 m η = 14.4	x: 6.109 m η = 56.9	x: 0 m η = 10.9	η = 9.8	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 69.7	η < 0.1	η < 0.1	η = 8.0	η = 0.3	**CUMPLE η = 69.7**
N134/N135	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.7	x: 0.091 m η = 0.3	η = 12.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 39.9	η < 0.1	η = 0.3	η = 10.3	η < 0.1	**CUMPLE η = 39.9**
N135/N136	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.3	x: 1.306 m η = 6.6	x: 1.306 m η = 0.2	x: 1.306 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.8	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.0**
N136/N137	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.9	η = 2.8	x: 0.049 m η = 9.1	x: 1.306 m η = 0.4	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 11.9	η < 0.1	η = 0.7	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 11.9**
N137/N138	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.0	η = 15.1	x: 1.306 m η = 4.6	x: 1.306 m η = 0.4	x: 0.049 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 20.0	η < 0.1	η = 0.7	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 20.0**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N138/N139	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 24.8	η = 25.2	x: 1.305 m η = 6.1	x: 1.303 m η = 0.3	x: 0.049 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 31.2	η < 0.1	η = 0.5	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 31.2**
N139/N140	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 34.7	η = 35.3	x: 1.305 m η = 5.4	x: 0.05 m η = 0.2	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 40.7	η < 0.1	η = 0.4	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 40.7**
N140/N141	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 42.7	η = 43.5	x: 1.304 m η = 6.9	x: 1.304 m η = 0.2	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 50.6	η < 0.1	η = 0.3	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 50.6**
N141/N142	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 50.6	η = 51.6	x: 1.304 m η = 6.0	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 57.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 57.7**
N142/N143	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.4	η = 57.6	x: 1.304 m η = 7.5	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.0	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 65.0**
N143/N144	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.1	η = 63.3	x: 1.094 m η = 5.9	x: 1.303 m η = 0.2	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 69.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 69.2**
N144/N145	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.4	η = 66.8	x: 1.303 m η = 10.7	x: 1.303 m η = 0.4	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 77.9	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 77.9**
N145/N146	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.8	η = 67.1	x: 0.052 m η = 10.7	x: 0.052 m η = 0.4	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 78.1	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 78.1**
N146/N147	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.7	η = 64.0	x: 0.469 m η = 5.9	x: 0.052 m η = 0.1	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 69.9	η < 0.1	η = 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 69.9**
N147/N148	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.4	η = 58.6	x: 0.051 m η = 7.4	x: 1.302 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 66.1	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 66.1**
N148/N149	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 51.9	η = 53.0	x: 0.051 m η = 6.0	x: 1.304 m η = 0.2	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.1	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 59.1**
N149/N150	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.2	η = 45.2	x: 0.051 m η = 6.9	x: 0.051 m η = 0.2	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 52.3	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 52.3**
N150/N151	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 36.5	η = 37.3	x: 0.05 m η = 5.4	x: 1.303 m η = 0.2	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.7	η < 0.1	η = 0.2	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 42.7**
N151/N152	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.8	η = 27.4	x: 0.05 m η = 6.1	x: 1.304 m η = 0.2	x: 1.306 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 33.6	η < 0.1	η = 0.3	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 33.6**
N152/N153	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.2	η = 17.6	x: 0.049 m η = 4.7	x: 0.049 m η = 0.3	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.3	η < 0.1	η = 0.4	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.3**
N153/N154	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.4	η = 5.6	x: 1.306 m η = 7.8	x: 0.049 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.1	η < 0.1	η = 0.5	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 13.1**
N154/N155	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.8	η = 4.6	x: 0.049 m η = 5.1	x: 0.049 m η = 0.2	x: 1.225 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 9.9	η < 0.1	η = 0.4	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 9.9**
N157/N426	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.3	x: 0 m η = 7.2	x: 0 m η = 10.0	x: 0 m η = 9.3	η = 13.0	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 25.6	η < 0.1	η = 0.2	η = 5.9	η = 0.2	**CUMPLE η = 25.6**
N426/N418	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.5	x: 0 m η = 7.5	x: 2.55 m η = 40.9	x: 0 m η = 8.6	η = 11.0	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 51.5	η < 0.1	η = 0.2	η = 5.9	η = 0.2	**CUMPLE η = 51.5**
N418/N156	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.5	x: 0 m η = 6.8	x: 0.109 m η = 42.6	x: 0.109 m η = 4.5	η = 9.7	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 53.6	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 53.6**
N156/N155	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 28.8	x: 0.091 m η = 0.2	η = 8.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.1	η < 0.1	η = 0.1	η = 6.0	η < 0.1	**CUMPLE η = 29.1**
N158/N145	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.1	x: 0.091 m η = 18.7	x: 1.51 m η = 0.2	x: 0.091 m η = 0.7	η < 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 19.4	η < 0.1	η = 0.2	η < 0.1	η = 0.1	**CUMPLE η = 19.4**
N134/N159	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.7	x: 0.131 m η = 2.7	x: 0.131 m η = 72.3	x: 0.131 m η = 1.1	x: 0.131 m η = 12.2	η = 0.1	η < 0.1	η < 0.1	x: 0.131 m η = 76.1	η < 0.1	η = 1.7	x: 0.131 m η = 7.5	η = 0.1	**CUMPLE η = 76.1**
N159/N160	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 9.8	x: 0.05 m η = 10.1	x: 0.05 m η = 11.4	x: 1.305 m η = 0.9	x: 1.305 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 21.3	η < 0.1	η = 1.7	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 21.3**
N160/N161	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 19.8	x: 0.051 m η = 19.7	x: 1.305 m η = 3.4	x: 0.051 m η = 0.7	x: 0.051 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 23.3	η < 0.1	η = 0.1	x: 0.051 m η = 0.5	η < 0.1	**CUMPLE η = 23.3**
N161/N162	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.0	x: 0.051 m η = 29.7	x: 1.305 m η = 7.8	x: 1.305 m η = 0.6	x: 1.305 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 38.0	η < 0.1	η = 0.3	x: 0.051 m η = 0.7	η < 0.1	**CUMPLE η = 38.0**
N162/N163	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 38.2	x: 0.051 m η = 37.5	x: 1.095 m η = 3.8	x: 0.051 m η = 1.4	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 43.0	η < 0.1	η < 0.1	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 43.0**
N163/N164	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 46.3	x: 0.052 m η = 45.4	x: 1.304 m η = 8.7	x: 1.304 m η = 1.5	x: 1.304 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 56.2	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.2**
N164/N165	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 52.2	x: 0.052 m η = 51.1	x: 0.052 m η = 5.6	x: 0.052 m η = 0.7	x: 0.052 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 57.7	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 57.7**
N165/N166	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 57.9	x: 0.053 m η = 56.7	x: 1.303 m η = 9.6	x: 1.303 m η = 0.6	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 67.5	η < 0.1	η = 0.1	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 67.5**
N166/N167	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.4	x: 0.053 m η = 59.9	x: 0.053 m η = 7.4	x: 0.053 m η = 1.1	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.6	η < 0.1	η = 0.1	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 69.6**
N167/N158	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.5	x: 1.315 m η = 13.4	x: 1.315 m η = 1.4	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 78.6	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 78.6**
N156/N176	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.6	x: 0.131 m η = 0.1	x: 0.131 m η = 59.7	x: 0.131 m η = 2.9	x: 1.306 m η = 10.1	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 63.1	η < 0.1	η = 1.1	x: 0.131 m η = 6.2	η = 0.1	**CUMPLE η = 63.1**
N176/N175	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.3	x: 0.05 m η = 12.0	x: 0.05 m η = 8.7	x: 1.305 m η = 2.7	x: 0.05 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 20.5	η < 0.1	η = 1.0	x: 1.305 m η = 0.4	η = 0.1	**CUMPLE η = 20.5**
N175/N174	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 22.0	x: 0.051 m η = 21.4	x: 1.305 m η = 3.3	x: 0.051 m η = 1.3	x: 0.051 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 25.4	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 25.4**
N174/N173	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 31.9	x: 0.051 m η = 31.2	x: 1.305 m η = 7.9	x: 1.305 m η = 1.6	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 40.7	η < 0.1	η = 0.2	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 40.7**
N173/N172	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 39.8	x: 0.051 m η = 38.8	x: 0.051 m η = 3.9	x: 0.051 m η = 1.7	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 44.4	η < 0.1	η < 0.1	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.4**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N172/N171	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.6	x: 0.052 m η = 46.5	x: 1.304 m η = 8.8	x: 1.304 m η = 2.0	x: 1.304 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 57.3	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 57.3**
N171/N170	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.2	x: 0.052 m η = 51.9	x: 0.052 m η = 5.7	x: 0.052 m η = 0.8	x: 0.052 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 59.4	η < 0.1	η = 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 59.4**
N170/N169	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.6	x: 0.053 m η = 57.3	x: 1.303 m η = 9.6	x: 1.303 m η = 1.0	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 68.5	η < 0.1	η = 0.1	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 68.5**
N169/N168	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.7	x: 0.053 m η = 60.2	x: 0.053 m η = 7.5	x: 0.053 m η = 1.2	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.2	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 69.2**
N168/N158	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.5	x: 1.315 m η = 13.4	x: 1.315 m η = 1.6	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 77.6	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 77.6**
N166/N143	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.5	x: 0.091 m η = 20.8	x: 1.59 m η = 7.2	x: 0.091 m η = 0.4	η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.1	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 28.1**
N167/N144	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.0	x: 0.091 m η = 10.8	x: 0.091 m η = 6.0	x: 1.55 m η = 0.1	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.0	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.0**
N165/N142	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.1	x: 0.091 m η = 20.8	x: 1.63 m η = 9.3	x: 0.091 m η = 0.1	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.5	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 30.5**
N164/N141	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.2	x: 0.091 m η = 30.3	x: 1.67 m η = 11.2	x: 0.091 m η = 0.5	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 41.7	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 41.7**
N163/N140	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.6	x: 0.091 m η = 30.1	x: 1.71 m η = 13.0	x: 1.71 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 43.7	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 43.7**
N159/N136	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 34.9	x: 0.091 m η = 34.4	x: 0.091 m η = 23.6	x: 0.091 m η = 0.5	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.7	η < 0.1	η = 0.7	η = 1.5	η < 0.1	**CUMPLE η = 58.7**
N160/N137	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 51.1	x: 0.091 m η = 50.7	x: 1.83 m η = 17.3	x: 0.091 m η = 1.8	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 68.6	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 68.6**
N161/N138	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.3	x: 0.091 m η = 38.6	x: 1.79 m η = 16.4	x: 0.091 m η = 0.6	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 56.1	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 56.1**
N162/N139	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.6	x: 0.091 m η = 39.5	x: 1.75 m η = 14.6	x: 0.091 m η = 0.7	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 54.6	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 54.6**
N169/N147	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.3	x: 0.091 m η = 19.9	x: 1.59 m η = 6.8	x: 0.091 m η = 0.5	η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 26.8	η < 0.1	η = 0.2	η = 0.8	η < 0.1	**CUMPLE η = 26.8**
N168/N146	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.8	x: 0.091 m η = 9.9	x: 0.091 m η = 5.5	x: 1.55 m η = 0.1	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η < 0.1	x: 1.55 m η = 15.5	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 15.5**
N170/N148	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.0	x: 0.091 m η = 19.9	x: 1.63 m η = 8.8	x: 1.629 m η = 0.1	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 28.9	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 28.9**
N171/N149	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 29.1	x: 0.091 m η = 29.4	x: 1.67 m η = 10.7	x: 1.67 m η = 0.4	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 40.5	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 40.5**
N172/N150	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 29.6	x: 0.091 m η = 29.3	x: 1.71 m η = 12.5	x: 1.71 m η = 0.4	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 42.2	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 42.2**
N175/N153	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 49.5	x: 0.091 m η = 49.5	x: 1.83 m η = 17.1	x: 0.091 m η = 1.0	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 66.6	η < 0.1	η = 0.2	η = 1.6	η < 0.1	**CUMPLE η = 66.6**
N174/N152	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 38.4	x: 0.091 m η = 37.9	x: 1.79 m η = 16.0	x: 1.789 m η = 0.4	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 54.4	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 54.4**
N173/N151	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 38.5	x: 0.091 m η = 38.6	x: 1.75 m η = 14.2	x: 0.091 m η = 0.5	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 52.9	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 52.9**
N176/N154	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 37.0	x: 0.091 m η = 36.3	x: 0.091 m η = 22.1	x: 0.091 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 59.0	η < 0.1	η = 0.6	η = 1.5	η < 0.1	**CUMPLE η = 59.0**
N167/N145	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.8	x: 0.12 m η = 11.7	x: 0.12 m η = 3.9	x: 0.12 m η = 0.4	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.7	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.7**
N166/N144	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.9	x: 0.119 m η = 15.6	x: 0.119 m η = 5.4	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.2	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 21.2**
N165/N143	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.7	x: 0.118 m η = 25.9	x: 0.118 m η = 6.1	x: 0.118 m η = 0.2	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 32.0	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 32.0**
N164/N142	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.6	x: 0.117 m η = 27.4	x: 0.117 m η = 7.4	x: 0.117 m η = 0.3	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 34.5	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 34.5**
N163/N141	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.3	x: 0.116 m η = 37.7	x: 0.116 m η = 8.0	x: 0.116 m η = 0.4	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	x: 0.116 m η < 0.1	x: 0.116 m η = 45.9	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 45.9**
N162/N140	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.7	x: 0.115 m η = 38.8	x: 0.115 m η = 9.3	x: 0.115 m η = 0.4	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.2	η < 0.1	η = 0.2	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 48.2**
N161/N139	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.2	x: 0.114 m η = 48.8	x: 0.114 m η = 10.1	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 58.8	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 58.8**
N160/N138	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 47.6	x: 0.113 m η = 48.9	x: 0.113 m η = 10.0	x: 0.113 m η = 0.6	x: 2.239 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 58.8	η < 0.1	η = 0.5	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 58.8**
N159/N137	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 60.0	x: 0.112 m η = 60.9	x: 0.112 m η = 17.1	x: 0.112 m η = 0.7	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 78.0	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 78.0**
N134/N136	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.0	x: 0.232 m η = 46.2	x: 0.232 m η = 14.5	x: 0.232 m η = 1.2	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 61.7	η < 0.1	η = 0.3	x: 0.232 m η = 0.6	η < 0.1	**CUMPLE η = 61.7**
N168/N145	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.5	x: 0.12 m η = 10.1	x: 0.12 m η = 3.7	x: 0.12 m η = 0.4	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.6	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.6**
N169/N146	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.8	x: 0.119 m η = 14.1	x: 0.119 m η = 5.2	x: 0.119 m η = 0.6	x: 2.042 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 19.5	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 19.5**
N170/N147	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.5	x: 0.118 m η = 24.4	x: 0.118 m η = 5.9	x: 0.118 m η = 0.2	x: 2.075 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 30.5	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 30.5**
N171/N148	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.4	x: 0.117 m η = 26.0	x: 0.117 m η = 7.2	x: 0.117 m η = 0.3	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 33.1	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 33.1**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N172/N149	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 36.2	x: 0.116 m η = 36.3	x: 0.116 m η = 7.8	x: 0.116 m η = 0.4	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 44.4	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 44.4**
N173/N150	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 36.7	x: 0.115 m η = 37.4	x: 0.115 m η = 9.1	x: 0.115 m η = 0.8	x: 2.173 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 46.5	η < 0.1	η = 0.1	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 46.5**
N174/N151	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 47.2	x: 0.114 m η = 47.5	x: 0.114 m η = 9.9	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 57.2	η < 0.1	η = 0.2	x: 2.206 m η = 0.6	η < 0.1	**CUMPLE η = 57.2**
N175/N152	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 46.7	x: 0.113 m η = 47.8	x: 0.113 m η = 10.1	x: 0.113 m η = 0.7	x: 2.239 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 57.6	η < 0.1	η = 0.2	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 57.6**
N176/N153	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 58.7	x: 0.112 m η = 59.2	x: 0.112 m η = 16.1	x: 0.112 m η = 0.7	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 75.5	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 75.5**
N156/N154	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.9	x: 0.232 m η = 47.2	x: 0.232 m η = 9.8	x: 0.232 m η = 0.5	x: 2.307 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 56.0	η < 0.1	η = 0.2	x: 2.307 m η = 0.4	η < 0.1	**CUMPLE η = 56.0**
N177/N178	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.6	x: 0 m η = 14.4	x: 6.109 m η = 56.7	x: 0 m η = 10.6	η = 9.7	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 69.6	η < 0.1	η < 0.1	η = 8.0	η = 0.3	**CUMPLE η = 69.6**
N178/N179	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.5	x: 0.091 m η = 0.3	η = 12.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 39.6	η < 0.1	η = 0.3	η = 10.2	η < 0.1	**CUMPLE η = 39.6**
N179/N180	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.2	x: 1.306 m η = 6.6	x: 1.306 m η = 0.2	x: 1.306 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.8	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.0**
N180/N181	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.9	η = 2.8	x: 0.049 m η = 9.1	x: 1.306 m η = 0.4	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 11.9	η < 0.1	η = 0.7	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 11.9**
N181/N182	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.0	η = 15.1	x: 1.306 m η = 4.6	x: 1.306 m η = 0.4	x: 0.049 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 19.9	η < 0.1	η = 0.7	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 19.9**
N182/N183	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 24.7	η = 25.1	x: 1.305 m η = 6.0	x: 0.049 m η = 0.2	x: 0.049 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 31.3	η < 0.1	η = 0.5	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 31.3**
N183/N184	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 34.6	η = 35.3	x: 1.305 m η = 5.4	x: 0.05 m η = 0.1	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 40.8	η < 0.1	η = 0.4	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 40.8**
N184/N185	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 42.6	η = 43.5	x: 1.304 m η = 6.9	x: 1.304 m η = 0.2	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 50.5	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 50.5**
N185/N186	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 50.5	η = 51.5	x: 1.304 m η = 6.0	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 57.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 57.7**
N186/N187	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.2	η = 57.5	x: 1.304 m η = 7.5	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.0	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 65.0**
N187/N188	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 61.9	η = 63.2	x: 1.094 m η = 5.9	x: 1.303 m η = 0.2	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 69.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 69.2**
N188/N189	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.2	η = 66.7	x: 1.303 m η = 10.7	x: 1.303 m η = 0.4	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 77.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 77.8**
N189/N190	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.6	η = 67.0	x: 0.052 m η = 10.6	x: 0.052 m η = 0.4	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 78.1	η < 0.1	η = 0.1	x: 1.303 m η = 0.5	η < 0.1	**CUMPLE η = 78.1**
N190/N191	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.5	η = 63.9	x: 0.469 m η = 5.9	x: 0.052 m η = 0.2	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 69.9	η < 0.1	η = 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 69.9**
N191/N192	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.2	η = 58.5	x: 0.051 m η = 7.4	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 65.9	η < 0.1	η < 0.1	x: 0.051 m η = 0.5	η < 0.1	**CUMPLE η = 65.9**
N192/N193	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 51.7	η = 52.8	x: 0.051 m η = 6.0	x: 1.302 m η = 0.1	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.0	η < 0.1	η < 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 59.0**
N193/N194	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.1	η = 45.1	x: 0.051 m η = 6.9	x: 0.051 m η = 0.2	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 52.1	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 52.1**
N194/N195	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 36.4	η = 37.1	x: 0.05 m η = 5.4	x: 1.096 m η < 0.1	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.6	η < 0.1	η = 0.2	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 42.6**
N195/N196	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.6	η = 27.3	x: 0.05 m η = 6.1	x: 1.306 m η = 0.1	x: 1.306 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 33.3	η < 0.1	η = 0.3	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 33.3**
N196/N197	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.1	η = 17.4	x: 0.049 m η = 4.7	x: 0.049 m η = 0.2	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.1	η < 0.1	η = 0.4	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.1**
N197/N198	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.3	η = 5.4	x: 1.306 m η = 7.7	x: 0.049 m η = 0.2	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.5	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 13.0**
N198/N199	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.9	η = 4.4	x: 0.049 m η = 5.0	x: 0.049 m η = 0.3	x: 1.225 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 9.8	η < 0.1	η = 0.4	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 9.8**
N201/N427	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.4	x: 0 m η = 7.1	x: 0 m η = 8.7	x: 0 m η = 8.8	η = 12.0	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 23.7	η < 0.1	η = 0.2	η = 5.9	η = 0.2	**CUMPLE η = 23.7**
N427/N419	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.5	x: 0 m η = 7.4	x: 2.55 m η = 40.0	x: 0 m η = 8.1	η = 10.6	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 50.3	η < 0.1	η = 0.2	η = 5.9	η = 0.2	**CUMPLE η = 50.3**
N419/N200	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.5	x: 0 m η = 6.8	x: 0.109 m η = 41.7	x: 0.109 m η = 4.2	η = 9.5	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 52.4	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 52.4**
N200/N199	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.1	x: 0.091 m η = 28.2	x: 0.091 m η = 0.2	η = 8.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 28.5**
N202/N189	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.1	x: 0.091 m η = 18.6	x: 1.51 m η = 0.2	x: 0.091 m η = 0.6	η < 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 19.2	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 19.2**
N178/N203	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.7	x: 0.131 m η = 2.6	x: 0.131 m η = 72.0	x: 0.131 m η = 1.4	x: 0.131 m η = 12.1	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 76.0	η < 0.1	η = 1.7	x: 0.131 m η = 7.5	η = 0.1	**CUMPLE η = 76.0**
N203/N204	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 9.9	x: 0.05 m η = 10.0	x: 0.05 m η = 11.3	x: 1.305 m η = 1.1	x: 1.305 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 21.3	η < 0.1	η = 1.8	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 21.3**
N204/N205	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 19.8	x: 0.051 m η = 19.6	x: 1.305 m η = 3.4	x: 0.051 m η = 0.9	x: 0.051 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 23.3	η < 0.1	η < 0.1	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 23.3**
N205/N206	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.0	x: 0.051 m η = 29.6	x: 1.305 m η = 7.8	x: 1.305 m η = 0.9	x: 1.305 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 38.3	η < 0.1	η = 0.3	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 38.3**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N206/N207	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 38.2	x: 0.051 m η = 37.4	x: 1.095 m η = 3.8	x: 0.051 m η = 1.3	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 42.9	η < 0.1	η < 0.1	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 42.9**
N207/N208	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 46.2	x: 0.052 m η = 45.3	x: 1.304 m η = 8.7	x: 1.304 m η = 1.4	x: 1.304 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 56.1	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.1**
N208/N209	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 52.2	x: 0.052 m η = 50.9	x: 0.052 m η = 5.6	x: 0.052 m η = 0.5	x: 0.052 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 58.0	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 58.0**
N209/N210	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 57.9	x: 0.053 m η = 56.5	x: 1.303 m η = 9.5	x: 1.303 m η = 0.6	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 67.8	η < 0.1	η < 0.1	x: 1.303 m η = 1.0	η = 0.1	**CUMPLE η = 67.8**
N210/N211	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.3	x: 0.053 m η = 59.7	x: 0.053 m η = 7.4	x: 0.053 m η = 1.1	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.6	η < 0.1	η = 0.1	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 69.6**
N211/N202	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.4	x: 1.315 m η = 13.4	x: 1.315 m η = 1.5	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 78.6	η < 0.1	η < 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 78.6**
N200/N220	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.6	x: 0.131 m η = 0.1	x: 0.131 m η = 58.9	x: 0.131 m η = 2.7	x: 1.306 m η = 9.9	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 62.2	η < 0.1	η = 1.1	x: 0.131 m η = 6.2	η = 0.2	**CUMPLE η = 62.2**
N220/N219	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.2	x: 0.05 m η = 12.0	x: 0.05 m η = 8.6	x: 1.305 m η = 2.4	x: 1.305 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 20.5	η < 0.1	η = 1.0	x: 1.305 m η = 0.4	η = 0.2	**CUMPLE η = 20.5**
N219/N218	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 22.0	x: 0.051 m η = 21.4	x: 1.305 m η = 3.3	x: 0.051 m η = 1.4	x: 0.051 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 25.3	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 25.3**
N218/N217	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 31.9	x: 0.051 m η = 31.1	x: 1.305 m η = 7.9	x: 1.305 m η = 1.6	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 40.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 40.7**
N217/N216	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 39.8	x: 0.051 m η = 38.7	x: 0.051 m η = 3.9	x: 0.051 m η = 1.5	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 44.2	η < 0.1	η < 0.1	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.2**
N216/N215	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.6	x: 0.052 m η = 46.4	x: 1.304 m η = 8.8	x: 1.304 m η = 1.8	x: 1.304 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 56.9	η < 0.1	η < 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.9**
N215/N214	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.2	x: 0.052 m η = 51.8	x: 0.052 m η = 5.7	x: 0.052 m η = 1.0	x: 0.052 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 59.1	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 59.1**
N214/N213	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.6	x: 0.053 m η = 57.1	x: 1.303 m η = 9.6	x: 1.303 m η = 1.2	x: 1.303 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 68.2	η < 0.1	η < 0.1	x: 1.303 m η = 0.9	η = 0.2	**CUMPLE η = 68.2**
N213/N212	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.7	x: 0.053 m η = 60.1	x: 0.053 m η = 7.5	x: 0.053 m η = 1.2	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.2	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 69.2**
N212/N202	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.4	x: 1.315 m η = 13.3	x: 1.315 m η = 1.7	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 77.6	η < 0.1	η < 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 77.6**
N210/N187	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.5	x: 0.091 m η = 20.7	x: 1.59 m η = 7.2	x: 0.091 m η = 0.2	η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 28.0	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 28.0**
N211/N188	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.0	x: 0.091 m η = 10.8	x: 0.091 m η = 5.9	x: 1.55 m η = 0.1	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.0	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.0**
N209/N186	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.1	x: 0.091 m η = 20.7	x: 1.63 m η = 9.3	x: 0.091 m η = 0.1	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.5	η < 0.1	η < 0.1	η = 1.0	η < 0.1	**CUMPLE η = 30.5**
N208/N185	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.1	x: 0.091 m η = 30.2	x: 1.67 m η = 11.2	x: 1.67 m η = 0.3	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 41.5	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 41.5**
N207/N184	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.6	x: 0.091 m η = 30.0	x: 1.71 m η = 13.0	x: 1.71 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 43.6	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 43.6**
N203/N180	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 34.9	x: 0.091 m η = 34.3	x: 0.091 m η = 23.5	x: 0.091 m η = 0.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.6	η < 0.1	η = 0.7	η = 1.5	η < 0.1	**CUMPLE η = 58.6**
N204/N181	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 50.9	x: 0.091 m η = 50.5	x: 1.83 m η = 17.3	x: 0.091 m η = 1.9	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 68.4	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 68.4**
N205/N182	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.3	x: 0.091 m η = 38.5	x: 1.79 m η = 16.4	x: 1.789 m η = 0.6	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 56.0	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 56.0**
N206/N183	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.5	x: 0.091 m η = 39.4	x: 1.75 m η = 14.6	x: 0.091 m η = 0.5	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 54.4	η < 0.1	η = 0.2	η = 1.1	η < 0.1	**CUMPLE η = 54.4**
N213/N191	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.4	x: 0.091 m η = 19.8	x: 1.59 m η = 6.7	x: 0.091 m η = 0.3	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 26.6	η < 0.1	η = 0.2	η = 0.6	η < 0.1	**CUMPLE η = 26.6**
N212/N190	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.8	x: 0.091 m η = 9.9	x: 0.091 m η = 5.5	x: 1.55 m η = 0.1	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η < 0.1	x: 1.55 m η = 15.4	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 15.4**
N214/N192	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.0	x: 0.091 m η = 19.8	x: 1.63 m η = 8.9	x: 1.629 m η = 0.1	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 29.0	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 29.0**
N215/N193	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 29.1	x: 0.091 m η = 29.3	x: 1.67 m η = 10.7	x: 1.67 m η = 0.3	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 40.2	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 40.2**
N216/N194	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 29.5	x: 0.091 m η = 29.2	x: 1.71 m η = 12.5	x: 1.71 m η = 0.3	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 42.1	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 42.1**
N219/N197	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 49.4	x: 0.091 m η = 49.3	x: 1.83 m η = 17.0	x: 0.091 m η = 1.0	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 66.5	η < 0.1	η = 0.1	η = 1.6	η < 0.1	**CUMPLE η = 66.5**
N218/N196	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 38.4	x: 0.091 m η = 37.8	x: 1.79 m η = 16.0	x: 1.79 m η = 0.5	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 54.4	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 54.4**
N217/N195	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 38.5	x: 0.091 m η = 38.5	x: 1.75 m η = 14.2	x: 0.091 m η = 0.3	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 52.8	η < 0.1	η = 0.1	η = 1.1	η < 0.1	**CUMPLE η = 52.8**
N220/N198	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 36.8	x: 0.091 m η = 36.1	x: 0.091 m η = 22.1	x: 0.091 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.8	η < 0.1	η = 0.6	η = 1.5	η < 0.1	**CUMPLE η = 58.8**
N211/N189	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.7	x: 0.12 m η = 11.6	x: 0.12 m η = 3.9	x: 0.12 m η = 0.4	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.6	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.6**
N210/N188	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.8	x: 0.119 m η = 15.5	x: 0.119 m η = 5.4	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.0	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 21.0**
N209/N187	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.6	x: 0.118 m η = 25.8	x: 0.118 m η = 6.1	x: 0.118 m η = 0.2	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 31.8	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 31.8**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N208/N186	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.5	x: 0.117 m η = 27.4	x: 0.117 m η = 7.4	x: 0.117 m η = 0.2	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 34.6	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 34.6**
N207/N185	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.2	x: 0.116 m η = 37.6	x: 0.116 m η = 8.0	x: 0.116 m η = 0.4	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 45.7	η < 0.1	η = 0.1	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 45.7**
N206/N184	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.6	x: 0.115 m η = 38.7	x: 0.115 m η = 9.2	x: 0.115 m η = 0.4	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.0	η < 0.1	η = 0.2	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 48.0**
N205/N183	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.1	x: 0.114 m η = 48.8	x: 0.114 m η = 10.1	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 58.8	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 58.8**
N204/N182	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 47.5	x: 0.113 m η = 48.9	x: 0.113 m η = 10.0	x: 0.113 m η = 0.7	x: 2.239 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 58.6	η < 0.1	η = 0.5	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 58.6**
N203/N181	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 59.8	x: 0.112 m η = 60.8	x: 0.112 m η = 17.0	x: 0.112 m η = 0.7	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 77.8	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 77.8**
N178/N180	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 44.8	x: 0.232 m η = 46.1	x: 0.232 m η = 14.4	x: 0.232 m η = 1.2	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 61.6	η < 0.1	η = 0.3	x: 0.232 m η = 0.6	η < 0.1	**CUMPLE η = 61.6**
N212/N189	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.4	x: 0.12 m η = 10.1	x: 0.12 m η = 3.7	x: 0.12 m η = 0.4	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.5	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.5**
N213/N190	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.7	x: 0.119 m η = 14.1	x: 0.119 m η = 5.2	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 19.4	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 19.4**
N214/N191	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.5	x: 0.118 m η = 24.4	x: 0.118 m η = 5.9	x: 0.118 m η = 0.2	x: 2.075 m η = 0.5	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 30.5	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 30.5**
N215/N192	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.4	x: 0.117 m η = 26.0	x: 0.117 m η = 7.2	x: 0.117 m η = 0.4	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 33.0	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 33.0**
N216/N193	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 36.1	x: 0.116 m η = 36.3	x: 0.116 m η = 7.8	x: 0.116 m η = 0.3	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 44.2	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 44.2**
N217/N194	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 36.5	x: 0.115 m η = 37.4	x: 0.115 m η = 9.1	x: 0.115 m η = 0.7	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 46.3	η < 0.1	η < 0.1	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 46.3**
N218/N195	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 47.0	x: 0.114 m η = 47.5	x: 0.114 m η = 9.9	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 57.1	η < 0.1	η = 0.2	x: 2.206 m η = 0.6	η < 0.1	**CUMPLE η = 57.1**
N219/N196	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 46.6	x: 0.113 m η = 47.8	x: 0.113 m η = 10.0	x: 0.113 m η = 0.8	x: 2.239 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 57.5	η < 0.1	η = 0.1	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 57.5**
N220/N197	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 58.5	x: 0.112 m η = 59.1	x: 0.112 m η = 16.0	x: 0.112 m η = 0.7	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 75.2	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 75.2**
N200/N198	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.7	x: 0.232 m η = 47.0	x: 0.232 m η = 9.6	x: 2.307 m η = 0.5	x: 2.307 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 55.9	η < 0.1	η = 0.1	x: 0.232 m η = 0.4	η < 0.1	**CUMPLE η = 55.9**
N221/N222	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.7	x: 0 m η = 14.4	x: 6.109 m η = 57.2	x: 0 m η = 10.4	η = 9.8	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 70.3	η < 0.1	η < 0.1	η = 8.1	η = 0.3	**CUMPLE η = 70.3**
N222/N223	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.9	x: 0.091 m η = 0.3	η = 12.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 40.0	η < 0.1	η = 0.3	η = 7.5	η < 0.1	**CUMPLE η = 40.0**
N223/N224	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.3	x: 1.306 m η = 6.6	x: 1.306 m η = 0.3	x: 1.306 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.1	η < 0.1	η = 0.8	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.1**
N224/N225	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.9	η = 2.8	x: 0.049 m η = 9.2	x: 1.306 m η = 0.4	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.0	η < 0.1	η = 0.8	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 12.0**
N225/N226	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.1	η = 15.2	x: 1.306 m η = 4.6	x: 1.306 m η = 0.4	x: 0.049 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 20.0	η < 0.1	η = 0.8	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 20.0**
N226/N227	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 24.8	η = 25.3	x: 1.305 m η = 6.1	x: 1.303 m η = 0.2	x: 0.049 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 31.5	η < 0.1	η = 0.6	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 31.5**
N227/N228	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 34.8	η = 35.5	x: 1.305 m η = 5.4	x: 0.05 m η = 0.1	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 41.0	η < 0.1	η = 0.4	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 41.0**
N228/N229	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 42.8	η = 43.7	x: 1.304 m η = 6.9	x: 1.302 m η = 0.1	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 50.8	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 50.8**
N229/N230	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 50.8	η = 51.9	x: 1.304 m η = 6.0	x: 0.051 m η = 0.1	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 57.9	η < 0.1	η = 0.2	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 57.9**
N230/N231	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.6	η = 57.9	x: 1.304 m η = 7.5	x: 1.304 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.5	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 65.5**
N231/N232	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.3	η = 63.6	x: 1.094 m η = 5.9	x: 1.303 m η = 0.3	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 69.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 69.7**
N232/N233	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.7	η = 67.1	x: 1.303 m η = 10.8	x: 1.303 m η = 0.5	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 78.4	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 78.4**
N233/N234	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 66.0	η = 67.5	x: 0.052 m η = 10.7	x: 0.052 m η = 0.4	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 78.6	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 78.6**
N234/N235	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 63.0	η = 64.3	x: 0.469 m η = 5.9	x: 0.052 m η = 0.2	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 70.4	η < 0.1	η = 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 70.4**
N235/N236	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.6	η = 58.9	x: 0.051 m η = 7.5	x: 0.051 m η = 0.2	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 66.4	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 66.4**
N236/N237	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 52.1	η = 53.2	x: 0.051 m η = 6.1	x: 1.302 m η = 0.1	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 59.3**
N237/N238	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.4	η = 45.4	x: 0.051 m η = 7.0	x: 1.303 m η = 0.1	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 52.4	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 52.4**
N238/N239	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 36.7	η = 37.4	x: 0.05 m η = 5.5	x: 1.305 m η = 0.2	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 43.0	η < 0.1	η = 0.3	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 43.0**
N239/N240	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.9	η = 27.5	x: 0.05 m η = 6.2	x: 0.05 m η = 0.2	x: 1.306 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 33.8	η < 0.1	η = 0.5	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 33.8**
N240/N241	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.3	η = 17.6	x: 0.049 m η = 4.7	x: 0.049 m η = 0.4	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.5	η < 0.1	η = 0.6	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.5**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N241/N242	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.4	η = 5.6	x: 1.306 m η = 7.8	x: 0.049 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.1	η < 0.1	η = 0.6	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 13.1**
N242/N243	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.8	η = 4.6	x: 0.049 m η = 5.1	x: 0.049 m η = 0.3	x: 1.225 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 10.0	η < 0.1	η = 0.5	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 10.0**
N245/N428	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.4	x: 0 m η = 7.2	x: 0 m η = 9.9	x: 0 m η = 10.1	η = 13.0	η = 0.6	η < 0.1	η < 0.1	x: 0 m η = 26.3	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 26.3**
N428/N420	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.5	x: 0 m η = 7.5	x: 2.55 m η = 41.0	x: 0 m η = 9.3	η = 11.1	η = 0.6	η < 0.1	η < 0.1	x: 2.55 m η = 51.9	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 51.9**
N420/N244	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.6	x: 0 m η = 6.9	x: 0.109 m η = 42.7	x: 0.109 m η = 4.9	η = 9.8	η = 0.4	η < 0.1	η < 0.1	x: 0.109 m η = 54.1	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 54.1**
N244/N243	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 28.9	x: 0.091 m η = 0.3	η = 8.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.2	η < 0.1	η = 0.1	η = 6.0	η < 0.1	**CUMPLE η = 29.2**
N246/N233	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.3	x: 0.091 m η = 18.8	x: 1.51 m η = 0.2	x: 1.51 m η = 0.5	η < 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.51 m η = 19.4	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 19.4**
N222/N247	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.8	x: 0.131 m η = 2.7	x: 0.131 m η = 72.6	x: 0.131 m η = 1.8	x: 0.131 m η = 12.2	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 77.2	η < 0.1	η = 1.8	x: 0.131 m η = 7.5	η = 0.1	**CUMPLE η = 77.2**
N247/N248	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 9.9	x: 0.05 m η = 10.1	x: 0.05 m η = 11.4	x: 1.305 m η = 1.4	x: 1.305 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 21.5	η < 0.1	η = 1.9	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 21.5**
N248/N249	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 19.9	x: 0.051 m η = 19.7	x: 1.305 m η = 3.4	x: 0.051 m η = 1.1	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 23.3	η < 0.1	η < 0.1	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 23.3**
N249/N250	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.1	x: 0.051 m η = 29.8	x: 1.305 m η = 7.8	x: 1.305 m η = 1.2	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 38.8	η < 0.1	η = 0.2	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 38.8**
N250/N251	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 38.4	x: 0.051 m η = 37.6	x: 1.095 m η = 3.8	x: 0.051 m η = 1.2	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 43.0	η < 0.1	η = 0.2	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 43.0**
N251/N252	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 46.5	x: 0.052 m η = 45.6	x: 1.304 m η = 8.8	x: 1.304 m η = 1.3	x: 1.304 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 56.3	η < 0.1	η = 0.2	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.3**
N252/N253	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 52.5	x: 0.052 m η = 51.3	x: 0.052 m η = 5.6	x: 0.052 m η = 0.8	x: 0.052 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 58.6	η < 0.1	η = 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 58.6**
N253/N254	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.2	x: 0.053 m η = 56.9	x: 1.303 m η = 9.6	x: 1.303 m η = 0.9	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 68.4	η < 0.1	η < 0.1	x: 1.303 m η = 1.0	η < 0.1	**CUMPLE η = 68.4**
N254/N255	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.7	x: 0.053 m η = 60.1	x: 0.053 m η = 7.4	x: 0.053 m η = 1.1	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.9	η < 0.1	η = 0.2	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 69.9**
N255/N246	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.4	x: 0.054 m η = 62.7	x: 1.315 m η = 13.5	x: 1.315 m η = 1.6	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 79.2	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 79.2**
N244/N264	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.6	x: 0.131 m η = 0.1	x: 0.131 m η = 59.8	x: 0.131 m η = 2.9	x: 1.306 m η = 10.1	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 63.3	η < 0.1	η = 1.4	x: 0.131 m η = 6.2	η = 0.2	**CUMPLE η = 63.3**
N264/N263	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.3	x: 0.05 m η = 12.0	x: 0.05 m η = 8.8	x: 1.305 m η = 2.6	x: 0.05 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 20.6	η < 0.1	η = 1.4	x: 1.305 m η = 0.4	η = 0.2	**CUMPLE η = 20.6**
N263/N262	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 22.1	x: 0.051 m η = 21.5	x: 1.305 m η = 3.4	x: 0.051 m η = 1.6	x: 0.051 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 25.5	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 25.5**
N262/N261	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 32.1	x: 0.051 m η = 31.3	x: 1.305 m η = 8.0	x: 1.305 m η = 2.0	x: 1.305 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 41.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 41.2**
N261/N260	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 40.0	x: 0.051 m η = 39.0	x: 0.051 m η = 3.9	x: 0.051 m η = 1.6	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 44.4	η < 0.1	η = 0.2	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.4**
N260/N259	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.8	x: 0.052 m η = 46.7	x: 1.304 m η = 8.8	x: 1.304 m η = 1.7	x: 1.304 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 57.2	η < 0.1	η = 0.2	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 57.2**
N259/N258	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.5	x: 0.052 m η = 52.1	x: 0.052 m η = 5.7	x: 0.052 m η = 1.3	x: 0.052 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 59.2	η < 0.1	η = 0.1	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 59.2**
N258/N257	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.9	x: 0.053 m η = 57.5	x: 1.303 m η = 9.6	x: 1.303 m η = 1.5	x: 1.303 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 68.5	η < 0.1	η < 0.1	x: 1.303 m η = 0.9	η = 0.2	**CUMPLE η = 68.5**
N257/N256	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 62.1	x: 0.053 m η = 60.4	x: 0.053 m η = 7.5	x: 0.053 m η = 1.3	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.6	η < 0.1	η = 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 69.6**
N256/N246	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.4	x: 0.054 m η = 62.7	x: 1.315 m η = 13.4	x: 1.315 m η = 1.9	x: 1.315 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 78.2	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 78.2**
N254/N231	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.6	x: 0.091 m η = 20.9	x: 1.59 m η = 7.3	x: 0.091 m η = 0.1	η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 28.1	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 28.1**
N255/N232	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.1	x: 0.091 m η = 10.9	x: 0.091 m η = 6.0	x: 1.549 m η = 0.1	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.2	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.2**
N253/N230	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.3	x: 0.091 m η = 20.9	x: 1.63 m η = 9.4	x: 0.091 m η = 0.2	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.7	η < 0.1	η < 0.1	η = 1.0	η < 0.1	**CUMPLE η = 30.7**
N252/N229	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.4	x: 0.091 m η = 30.4	x: 1.67 m η = 11.3	x: 0.091 m η = 0.4	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 41.7	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 41.7**
N251/N228	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.8	x: 0.091 m η = 30.2	x: 1.71 m η = 13.1	x: 1.71 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 44.0	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 44.0**
N247/N224	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 35.1	x: 0.091 m η = 34.5	x: 0.091 m η = 23.7	x: 0.091 m η = 0.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.9	η < 0.1	η = 0.8	η = 1.5	η < 0.1	**CUMPLE η = 58.9**
N248/N225	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 51.3	x: 0.091 m η = 50.9	x: 1.83 m η = 17.4	x: 0.091 m η = 2.0	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 68.9	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 68.9**
N249/N226	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.5	x: 0.091 m η = 38.8	x: 1.79 m η = 16.5	x: 1.789 m η = 0.7	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.3	η < 0.1	η = 0.4	η = 1.2	η < 0.1	**CUMPLE η = 56.3**
N250/N227	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.8	x: 0.091 m η = 39.6	x: 1.75 m η = 14.7	x: 1.75 m η = 0.6	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 54.6	η < 0.1	η = 0.2	η = 1.1	η < 0.1	**CUMPLE η = 54.6**
N257/N235	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.5	x: 0.091 m η = 20.0	x: 1.59 m η = 6.8	x: 0.091 m η = 0.2	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 26.8	η < 0.1	η = 0.2	η = 0.6	η < 0.1	**CUMPLE η = 26.8**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N256/N234	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.9	x: 0.091 m η = 10.0	x: 0.091 m η = 5.5	x: 1.55 m η = 0.2	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 15.6	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 15.6**
N258/N236	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.1	x: 0.091 m η = 20.0	x: 1.63 m η = 8.9	x: 1.629 m η = 0.2	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 29.0	η < 0.1	η = 0.1	η = 0.7	η < 0.1	**CUMPLE η = 29.0**
N259/N237	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 29.2	x: 0.091 m η = 29.6	x: 1.67 m η = 10.8	x: 0.091 m η = 0.3	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 40.4	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 40.4**
N260/N238	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 29.7	x: 0.091 m η = 29.4	x: 1.71 m η = 12.6	x: 1.71 m η = 0.4	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 42.4	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 42.4**
N263/N241	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 49.7	x: 0.091 m η = 49.7	x: 1.83 m η = 17.1	x: 0.091 m η = 1.4	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 67.1	η < 0.1	η = 0.2	η = 1.7	η = 0.1	**CUMPLE η = 67.1**
N262/N240	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 38.6	x: 0.091 m η = 38.0	x: 1.79 m η = 16.1	x: 1.79 m η = 0.6	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 54.7	η < 0.1	η = 0.4	η = 1.2	η < 0.1	**CUMPLE η = 54.7**
N261/N239	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 38.7	x: 0.091 m η = 38.8	x: 1.75 m η = 14.3	x: 1.75 m η = 0.4	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 53.3	η < 0.1	η = 0.1	η = 1.1	η < 0.1	**CUMPLE η = 53.3**
N264/N242	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 37.1	x: 0.091 m η = 36.4	x: 0.091 m η = 22.2	x: 0.091 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 59.3	η < 0.1	η = 0.7	η = 1.5	η < 0.1	**CUMPLE η = 59.3**
N255/N233	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.8	x: 0.12 m η = 11.8	x: 0.12 m η = 3.9	x: 0.12 m η = 0.5	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.9	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.9**
N254/N232	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 15.0	x: 0.119 m η = 15.7	x: 0.119 m η = 5.5	x: 2.042 m η = 0.3	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.1	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 21.1**
N253/N231	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.8	x: 0.118 m η = 26.0	x: 0.118 m η = 6.1	x: 0.118 m η = 0.1	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 32.0	η < 0.1	η = 0.1	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 32.0**
N252/N230	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.7	x: 0.117 m η = 27.6	x: 0.117 m η = 7.5	x: 0.117 m η = 0.4	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 35.1	η < 0.1	η = 0.2	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 35.1**
N251/N229	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.5	x: 0.116 m η = 37.9	x: 0.116 m η = 8.1	x: 0.116 m η = 0.3	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 46.1	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 46.1**
N250/N228	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.9	x: 0.115 m η = 39.0	x: 0.115 m η = 9.3	x: 0.115 m η = 0.2	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.2	η < 0.1	η = 0.2	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 48.2**
N249/N227	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.4	x: 0.114 m η = 49.1	x: 0.114 m η = 10.1	x: 0.114 m η = 0.3	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 59.2	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 59.2**
N248/N226	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 47.8	x: 0.113 m η = 49.1	x: 0.113 m η = 10.0	x: 0.113 m η = 0.8	x: 2.239 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 58.9	η < 0.1	η = 0.5	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 58.9**
N247/N225	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 60.2	x: 0.112 m η = 61.2	x: 0.112 m η = 17.1	x: 0.112 m η = 0.8	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 78.3	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 78.3**
N222/N224	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.1	x: 0.232 m η = 46.4	x: 0.232 m η = 14.6	x: 0.232 m η = 1.2	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 62.2	η < 0.1	η = 0.3	x: 0.232 m η = 0.7	η < 0.1	**CUMPLE η = 62.2**
N256/N233	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.5	x: 0.12 m η = 10.1	x: 0.12 m η = 3.7	x: 0.12 m η = 0.5	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.7	η < 0.1	η = 0.3	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.7**
N257/N234	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.8	x: 0.119 m η = 14.1	x: 0.119 m η = 5.2	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 19.5	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 19.5**
N258/N235	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.6	x: 0.118 m η = 24.5	x: 0.118 m η = 5.9	x: 0.118 m η = 0.2	x: 2.075 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 30.7	η < 0.1	η = 0.2	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 30.7**
N259/N236	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.5	x: 0.117 m η = 26.1	x: 0.117 m η = 7.3	x: 0.117 m η = 0.7	x: 2.107 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 33.5	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 33.5**
N260/N237	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 36.4	x: 0.116 m η = 36.5	x: 0.116 m η = 7.9	x: 0.116 m η = 0.3	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 44.6	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 44.6**
N261/N238	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 36.8	x: 0.115 m η = 37.7	x: 0.115 m η = 9.1	x: 0.115 m η = 0.6	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 46.5	η < 0.1	η = 0.1	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 46.5**
N262/N239	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 47.3	x: 0.114 m η = 47.7	x: 0.114 m η = 9.9	x: 0.114 m η = 0.3	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 57.5	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 57.5**
N263/N240	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 46.9	x: 0.113 m η = 48.0	x: 0.113 m η = 10.1	x: 0.113 m η = 1.0	x: 2.239 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 57.9	η < 0.1	η = 0.2	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 57.9**
N264/N241	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 58.9	x: 0.112 m η = 59.5	x: 0.112 m η = 16.1	x: 0.112 m η = 0.8	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 75.8	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 75.8**
N244/N242	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 46.1	x: 0.232 m η = 47.4	x: 0.232 m η = 9.8	x: 0.232 m η = 0.5	x: 2.307 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 56.3	η < 0.1	η = 0.2	x: 0.232 m η = 0.4	η < 0.1	**CUMPLE η = 56.3**
N265/N266	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.8	x: 0 m η = 14.6	x: 6.109 m η = 57.3	x: 0 m η = 10.2	η = 9.8	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 70.7	η < 0.1	η = 0.1	η = 5.9	η < 0.1	**CUMPLE η = 70.7**
N266/N267	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.9	x: 0.091 m η = 0.2	η = 12.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 40.1	η < 0.1	η = 0.4	η = 7.5	η < 0.1	**CUMPLE η = 40.1**
N267/N268	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.3	x: 1.306 m η = 6.6	x: 1.306 m η = 0.3	x: 1.306 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.4	η < 0.1	η = 0.8	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.4**
N268/N269	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.1	η = 2.9	x: 0.049 m η = 9.2	x: 1.306 m η = 0.5	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.3	η < 0.1	η = 0.6	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 12.3**
N269/N270	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.4	η = 15.5	x: 1.306 m η = 4.7	x: 0.049 m η = 0.4	x: 0.049 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 20.6	η < 0.1	η = 0.6	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 20.6**
N270/N271	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 25.4	η = 25.8	x: 1.305 m η = 6.2	x: 1.305 m η = 0.3	x: 0.049 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 32.0	η < 0.1	η = 0.5	x: 0.049 m η = 0.6	η < 0.1	**CUMPLE η = 32.0**
N271/N272	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 35.6	η = 36.2	x: 1.305 m η = 5.5	x: 0.05 m η = 0.1	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 41.8	η < 0.1	η = 0.4	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 41.8**
N272/N273	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 43.7	η = 44.6	x: 1.304 m η = 7.0	x: 1.304 m η = 0.2	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 51.8	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 51.8**
N273/N274	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 51.8	η = 52.9	x: 1.304 m η = 6.1	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 59.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 59.2**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N274/N275	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.7	η = 59.1	x: 1.304 m η = 7.7	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 66.8	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 66.8**
N275/N276	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 63.5	η = 64.9	x: 1.094 m η = 6.1	x: 1.303 m η = 0.3	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.301 m η = 71.2	η < 0.1	η = 0.2	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 71.2**
N276/N277	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 66.9	η = 68.5	x: 1.303 m η = 10.9	x: 1.303 m η = 0.7	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 80.1	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 80.1**
N277/N278	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 67.1	η = 68.8	x: 0.052 m η = 10.8	x: 0.052 m η = 0.8	x: 1.303 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 80.3	η < 0.1	η = 0.2	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 80.3**
N278/N279	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 64.0	η = 65.5	x: 0.469 m η = 6.1	x: 0.052 m η = 0.2	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 71.7	η < 0.1	η = 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 71.7**
N279/N280	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 58.5	η = 59.9	x: 0.051 m η = 7.7	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 67.6	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 67.6**
N280/N281	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 52.8	η = 54.0	x: 0.051 m η = 6.2	x: 1.304 m η = 0.2	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 60.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 60.3**
N281/N282	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.9	η = 46.0	x: 0.051 m η = 7.0	x: 0.051 m η = 0.3	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 53.3	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 53.3**
N282/N283	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 37.0	η = 37.9	x: 0.05 m η = 5.6	x: 1.305 m η = 0.4	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 43.5	η < 0.1	η = 0.2	x: 1.305 m η = 0.4	η < 0.1	**CUMPLE η = 43.5**
N283/N284	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.9	η = 27.7	x: 0.05 m η = 6.3	x: 1.306 m η = 0.4	x: 1.306 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 34.1	η < 0.1	η = 0.4	x: 1.306 m η = 0.6	η < 0.1	**CUMPLE η = 34.1**
N284/N285	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.1	η = 17.5	x: 0.049 m η = 4.7	x: 0.259 m η = 0.5	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.7	η < 0.1	η = 0.4	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.7**
N285/N286	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.0	η = 5.3	x: 1.306 m η = 8.1	x: 0.049 m η = 0.6	x: 0.049 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.2	η < 0.1	η = 0.6	x: 1.306 m η = 1.2	η < 0.1	**CUMPLE η = 13.2**
N286/N287	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 4.9	x: 0.049 m η = 5.4	x: 0.049 m η = 0.3	x: 1.225 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 10.6	η < 0.1	η = 0.4	x: 0.049 m η = 0.3	η < 0.1	**CUMPLE η = 10.6**
N289/N429	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.5	x: 0 m η = 7.3	x: 0 m η = 12.5	x: 0 m η = 11.4	η = 13.7	η = 0.7	η < 0.1	η < 0.1	x: 0 m η = 30.1	η < 0.1	η = 0.1	η = 5.8	η = 0.6	**CUMPLE η = 30.1**
N429/N421	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.6	x: 0 m η = 7.6	x: 2.55 m η = 43.0	x: 0 m η = 10.5	η = 12.1	η = 0.7	η < 0.1	η < 0.1	x: 2.55 m η = 54.3	η < 0.1	η = 0.1	η = 7.4	η = 0.6	**CUMPLE η = 54.3**
N421/N288	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.7	x: 0 m η = 7.0	x: 0.109 m η = 45.0	x: 0.109 m η = 5.5	η = 10.8	η = 0.6	η < 0.1	η < 0.1	x: 0.109 m η = 56.9	η < 0.1	η = 0.1	η = 8.9	η = 0.5	**CUMPLE η = 56.9**
N288/N287	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 30.7	x: 0.091 m η = 0.2	η = 9.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 31.0	η < 0.1	η = 0.4	η = 5.5	η < 0.1	**CUMPLE η = 31.0**
N290/N277	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.5	x: 0.091 m η = 18.9	x: 1.51 m η = 0.2	x: 0.091 m η = 1.9	η < 0.1	η = 0.2	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 21.0	η < 0.1	η = 0.5	η < 0.1	η = 0.1	**CUMPLE η = 21.0**
N266/N291	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.6	x: 0.131 m η = 2.6	x: 0.131 m η = 73.0	x: 0.131 m η = 2.1	x: 0.131 m η = 12.3	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 76.7	η < 0.1	η = 1.3	x: 0.131 m η = 7.5	η = 0.1	**CUMPLE η = 76.7**
N291/N292	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 10.1	x: 0.05 m η = 10.3	x: 0.05 m η = 11.5	x: 1.305 m η = 1.6	x: 1.305 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 21.8	η < 0.1	η = 1.4	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 21.8**
N292/N293	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 20.3	x: 0.051 m η = 20.1	x: 1.305 m η = 3.5	x: 0.051 m η = 1.6	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 23.8	η < 0.1	η = 0.6	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 23.8**
N293/N294	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.7	x: 0.051 m η = 30.4	x: 1.305 m η = 8.1	x: 1.305 m η = 1.4	x: 1.305 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 39.7	η < 0.1	η = 0.9	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 39.7**
N294/N295	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 39.1	x: 0.051 m η = 38.3	x: 1.095 m η = 3.9	x: 0.051 m η = 2.6	x: 0.051 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 44.6	η < 0.1	η = 0.7	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.6**
N295/N296	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.3	x: 0.052 m η = 46.4	x: 1.304 m η = 8.9	x: 1.304 m η = 2.3	x: 1.304 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 57.4	η < 0.1	η = 0.5	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 57.4**
N296/N297	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.4	x: 0.052 m η = 52.1	x: 0.052 m η = 5.7	x: 0.052 m η = 2.1	x: 0.052 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 59.7	η < 0.1	η = 0.4	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 59.7**
N297/N298	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 59.3	x: 0.053 m η = 57.9	x: 1.303 m η = 9.9	x: 1.303 m η = 2.1	x: 1.303 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 69.7	η < 0.1	η = 0.6	x: 0.053 m η = 0.7	η = 0.1	**CUMPLE η = 69.7**
N298/N299	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 62.8	x: 0.053 m η = 61.0	x: 0.053 m η = 7.6	x: 0.053 m η = 2.4	x: 0.053 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 71.0	η < 0.1	η = 0.6	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 71.0**
N299/N290	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 65.4	x: 0.054 m η = 63.6	x: 1.315 m η = 13.6	x: 1.315 m η = 1.9	x: 1.315 m η = 1.6	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 79.1	η < 0.1	η = 0.6	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 79.1**
N288/N308	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 1.4	x: 0.131 m η = 0.7	x: 0.131 m η = 62.2	x: 0.131 m η = 4.9	x: 1.306 m η = 10.5	η = 0.7	η < 0.1	η < 0.1	x: 0.131 m η = 68.3	η < 0.1	η = 0.9	x: 0.131 m η = 6.5	η = 0.3	**CUMPLE η = 68.3**
N308/N307	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 11.8	x: 0.05 m η = 11.3	x: 0.05 m η = 9.2	x: 1.305 m η = 4.3	x: 0.05 m η = 0.7	η = 0.7	η < 0.1	η < 0.1	x: 0.05 m η = 20.7	η < 0.1	η = 1.0	x: 1.305 m η = 0.5	η = 0.3	**CUMPLE η = 20.7**
N307/N306	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 21.8	x: 0.051 m η = 21.1	x: 1.305 m η = 3.4	x: 0.051 m η = 3.0	x: 0.051 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 1.305 m η = 25.4	η < 0.1	η = 0.6	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 25.4**
N306/N305	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 32.1	x: 0.051 m η = 31.1	x: 1.305 m η = 8.1	x: 1.305 m η = 3.5	x: 1.305 m η = 1.2	η = 0.5	η < 0.1	η < 0.1	x: 1.305 m η = 42.7	η < 0.1	η = 0.6	x: 0.051 m η = 0.7	η = 0.2	**CUMPLE η = 42.7**
N305/N304	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 40.2	x: 0.051 m η = 39.0	x: 0.051 m η = 4.0	x: 0.051 m η = 2.8	x: 0.051 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 45.7	η < 0.1	η = 0.5	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 45.7**
N304/N303	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 48.2	x: 0.052 m η = 46.9	x: 1.304 m η = 8.9	x: 1.304 m η = 3.1	x: 1.304 m η = 1.2	η = 0.5	η < 0.1	η < 0.1	x: 1.304 m η = 58.9	η < 0.1	η = 0.6	x: 0.052 m η = 0.7	η = 0.2	**CUMPLE η = 58.9**
N303/N302	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 54.1	x: 0.052 m η = 52.5	x: 0.052 m η = 5.7	x: 0.052 m η = 3.1	x: 0.052 m η = 0.3	η = 0.5	η < 0.1	η < 0.1	x: 0.052 m η = 61.4	η < 0.1	η = 0.6	x: 1.303 m η = 0.1	η = 0.2	**CUMPLE η = 61.4**
N302/N301	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 59.7	x: 0.053 m η = 58.1	x: 1.303 m η = 9.8	x: 1.303 m η = 3.2	x: 1.303 m η = 1.1	η = 0.5	η < 0.1	η < 0.1	x: 1.303 m η = 71.2	η < 0.1	η = 0.5	x: 0.053 m η = 0.7	η = 0.2	**CUMPLE η = 71.2**
N301/N300	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 63.0	x: 0.053 m η = 61.2	x: 0.053 m η = 7.7	x: 0.053 m η = 2.8	x: 0.053 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.053 m η = 72.0	η < 0.1	η = 0.4	x: 1.302 m η = 0.4	η = 0.2	**CUMPLE η = 72.0**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N300/N290	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 65.4	x: 0.054 m η = 63.5	x: 1.315 m η = 13.6	x: 1.315 m η = 3.6	x: 1.315 m η = 1.6	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 81.0	η < 0.1	η = 0.6	x: 0.054 m η = 0.9	η = 0.3	**CUMPLE η = 81.0**
N298/N275	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 21.2	x: 0.091 m η = 21.3	x: 1.59 m η = 7.4	x: 0.091 m η = 1.3	η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.6	η < 0.1	η = 0.4	η = 0.6	η = 0.1	**CUMPLE η = 29.6**
N299/N276	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.1	x: 0.091 m η = 10.8	x: 0.091 m η = 6.0	x: 0.091 m η = 0.2	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.3	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.3**
N297/N274	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.8	x: 0.091 m η = 21.3	x: 1.63 m η = 9.6	x: 0.091 m η = 0.3	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 31.7	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 31.7**
N296/N273	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.9	x: 0.091 m η = 30.9	x: 1.67 m η = 11.5	x: 0.091 m η = 0.8	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 42.9	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 42.9**
N295/N272	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 31.4	x: 0.091 m η = 30.7	x: 1.71 m η = 13.3	x: 1.71 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 44.8	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 44.8**
N291/N268	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 35.6	x: 0.091 m η = 35.1	x: 0.091 m η = 23.9	x: 0.091 m η = 0.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 60.0	η < 0.1	η = 0.5	η = 2.1	η < 0.1	**CUMPLE η = 60.0**
N292/N269	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 51.9	x: 0.091 m η = 51.5	x: 1.83 m η = 17.7	x: 0.091 m η = 1.9	η = 2.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.3	η < 0.1	η = 0.7	η = 1.3	η < 0.1	**CUMPLE η = 70.3**
N293/N270	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 40.4	x: 0.091 m η = 39.6	x: 1.79 m η = 16.9	x: 0.091 m η = 0.8	η = 2.1	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 57.8	η < 0.1	η = 0.3	η = 1.3	η < 0.1	**CUMPLE η = 57.8**
N294/N271	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 40.6	x: 0.091 m η = 40.4	x: 1.75 m η = 15.0	x: 0.091 m η = 1.5	η = 1.9	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.4	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 56.4**
N301/N279	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.2	x: 0.091 m η = 20.7	x: 1.59 m η = 7.0	x: 0.091 m η = 1.0	η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.4	η < 0.1	η = 0.4	η = 0.6	η = 0.1	**CUMPLE η = 28.4**
N300/N278	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 10.2	x: 0.091 m η = 10.2	x: 0.091 m η = 5.6	x: 1.55 m η = 0.4	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 16.1	η < 0.1	η = 0.3	η = 0.5	η < 0.1	**CUMPLE η = 16.1**
N302/N280	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.8	x: 0.091 m η = 20.6	x: 1.63 m η = 9.2	x: 1.63 m η = 0.1	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.2	η < 0.1	η = 0.3	η = 0.8	η < 0.1	**CUMPLE η = 30.2**
N303/N281	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.0	x: 0.091 m η = 30.2	x: 1.67 m η = 11.1	x: 0.091 m η = 1.0	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 41.9	η < 0.1	η = 0.5	η = 0.9	η < 0.1	**CUMPLE η = 41.9**
N304/N282	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.4	x: 0.091 m η = 30.0	x: 1.71 m η = 12.9	x: 1.71 m η = 0.5	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 43.4	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 43.4**
N307/N285	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 50.6	x: 0.091 m η = 50.5	x: 1.83 m η = 17.4	x: 0.091 m η = 1.8	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 68.9	η < 0.1	η = 0.5	η = 1.3	η < 0.1	**CUMPLE η = 68.9**
N306/N284	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.6	x: 0.091 m η = 38.9	x: 1.79 m η = 16.5	x: 1.789 m η = 0.5	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 56.3	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 56.3**
N305/N283	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.7	x: 0.091 m η = 39.7	x: 1.75 m η = 14.6	x: 0.091 m η = 1.2	η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 55.0	η < 0.1	η = 0.4	η = 1.1	η < 0.1	**CUMPLE η = 55.0**
N308/N286	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 37.4	x: 0.091 m η = 36.5	x: 0.091 m η = 22.6	x: 0.091 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 60.3	η < 0.1	η = 0.7	η = 1.5	η < 0.1	**CUMPLE η = 60.3**
N299/N277	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.7	x: 0.12 m η = 11.8	x: 0.12 m η = 3.9	x: 2.01 m η = 0.5	x: 2.01 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 16.0	η < 0.1	η = 0.1	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 16.0**
N298/N276	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 15.0	x: 0.119 m η = 15.8	x: 0.119 m η = 5.5	x: 0.119 m η = 0.4	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.4	η < 0.1	η = 0.5	x: 2.042 m η = 0.3	η < 0.1	**CUMPLE η = 21.4**
N297/N275	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 26.3	x: 0.118 m η = 26.7	x: 0.118 m η = 6.2	x: 0.118 m η = 0.5	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 33.0	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 33.0**
N296/N274	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 27.2	x: 0.117 m η = 28.3	x: 0.117 m η = 7.6	x: 0.117 m η = 1.1	x: 2.107 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 36.4	η < 0.1	η = 0.2	x: 2.107 m η = 0.5	η < 0.1	**CUMPLE η = 36.4**
N295/N273	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 38.0	x: 0.116 m η = 38.7	x: 0.116 m η = 8.2	x: 0.116 m η = 0.7	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 46.9	η < 0.1	η = 0.1	x: 0.116 m η = 0.7	η < 0.1	**CUMPLE η = 46.9**
N294/N272	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 38.4	x: 0.115 m η = 39.7	x: 0.115 m η = 9.5	x: 2.173 m η = 0.2	x: 2.173 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 49.0	η < 0.1	η = 0.6	x: 2.173 m η = 0.6	η < 0.1	**CUMPLE η = 49.0**
N293/N271	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 49.4	x: 0.114 m η = 50.1	x: 0.114 m η = 10.3	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 60.3	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 60.3**
N292/N270	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 48.8	x: 0.113 m η = 50.2	x: 0.113 m η = 10.2	x: 0.113 m η = 1.1	x: 2.239 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 61.2	η < 0.1	η = 0.6	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 61.2**
N291/N269	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 61.0	x: 0.112 m η = 62.0	x: 0.112 m η = 17.3	x: 0.112 m η = 0.4	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 79.6	η < 0.1	η = 0.3	x: 0.112 m η = 1.4	η < 0.1	**CUMPLE η = 79.6**
N266/N268	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.8	x: 0.232 m η = 47.0	x: 0.232 m η = 14.5	x: 0.232 m η = 1.9	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 62.1	η < 0.1	η = 0.5	x: 0.232 m η = 0.7	η < 0.1	**CUMPLE η = 62.1**
N300/N277	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.8	x: 0.12 m η = 10.4	x: 0.12 m η = 3.8	x: 0.12 m η = 0.8	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.3	η < 0.1	η = 0.3	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.3**
N301/N278	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.1	x: 0.119 m η = 14.5	x: 0.119 m η = 5.4	x: 0.119 m η = 1.7	x: 2.042 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.1	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η = 0.1	**CUMPLE η = 21.1**
N302/N279	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.5	x: 0.118 m η = 25.4	x: 0.118 m η = 6.1	x: 0.118 m η = 0.7	x: 2.075 m η = 0.6	η = 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 32.2	η < 0.1	η = 0.3	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 32.2**
N303/N280	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.4	x: 0.117 m η = 27.0	x: 0.117 m η = 7.4	x: 0.117 m η = 0.6	x: 2.107 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 34.4	η < 0.1	η = 0.4	x: 2.107 m η = 0.5	η < 0.1	**CUMPLE η = 34.4**
N304/N281	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.2	x: 0.116 m η = 37.4	x: 0.116 m η = 8.0	x: 0.116 m η = 0.4	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 45.6	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 45.6**
N305/N282	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.6	x: 0.115 m η = 38.6	x: 0.115 m η = 9.3	x: 0.115 m η = 1.8	x: 2.173 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.5	η < 0.1	η = 0.1	x: 2.173 m η = 0.6	η = 0.1	**CUMPLE η = 48.5**
N306/N283	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.5	x: 0.114 m η = 49.0	x: 0.114 m η = 10.2	x: 0.114 m η = 0.8	x: 2.206 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 59.5	η < 0.1	η = 0.4	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 59.5**
N307/N284	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 48.0	x: 0.113 m η = 49.2	x: 0.113 m η = 10.2	x: 0.113 m η = 0.8	x: 2.239 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 59.7	η < 0.1	η = 0.4	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 59.7**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N308/N285	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 59.8	x: 0.112 m η = 60.5	x: 0.112 m η = 16.5	x: 0.112 m η = 0.9	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 77.2	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 77.2**
N288/N286	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 46.4	x: 0.232 m η = 47.9	x: 0.232 m η = 10.5	x: 0.232 m η = 1.8	x: 2.307 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 59.1	η < 0.1	η = 0.5	x: 0.232 m η = 0.5	η = 0.1	**CUMPLE η = 59.1**
N309/N310	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.0	x: 0 m η = 13.4	x: 6.109 m η = 40.3	x: 0 m η = 9.2	η = 6.7	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 52.8	η < 0.1	η = 0.2	η = 4.0	η < 0.1	**CUMPLE η = 52.8**
N310/N311	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.1	x: 0.091 m η = 26.9	x: 0.091 m η = 0.7	η = 8.2	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 27.6	η < 0.1	η = 0.5	η = 4.9	η < 0.1	**CUMPLE η = 27.6**
N311/N312	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 3.9	x: 1.306 m η = 4.8	x: 1.306 m η = 0.3	x: 1.306 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 9.0	η < 0.1	η = 2.4	x: 1.306 m η = 0.2	η < 0.1	**CUMPLE η = 9.0**
N312/N313	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.6	η = 4.6	x: 0.049 m η = 7.4	x: 1.306 m η = 1.2	x: 0.049 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.6	η < 0.1	η = 2.7	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 12.6**
N313/N314	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.4	η = 15.9	x: 1.306 m η = 4.1	x: 0.049 m η = 1.6	x: 0.049 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.306 m η = 20.3	η < 0.1	η = 2.5	x: 0.049 m η = 0.3	η = 0.1	**CUMPLE η = 20.3**
N314/N315	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 23.5	η = 24.6	x: 1.305 m η = 5.0	x: 1.305 m η = 1.7	x: 0.049 m η = 0.7	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 31.1	η < 0.1	η = 2.6	x: 0.049 m η = 0.5	η = 0.2	**CUMPLE η = 31.1**
N315/N316	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 31.9	η = 33.3	x: 1.305 m η = 4.6	x: 1.305 m η = 1.6	x: 0.05 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 39.3	η < 0.1	η = 3.0	x: 0.05 m η = 0.3	η < 0.1	**CUMPLE η = 39.3**
N316/N317	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 38.7	η = 40.5	x: 1.304 m η = 6.3	x: 0.05 m η = 0.5	x: 0.05 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 46.8	η < 0.1	η = 2.9	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 46.8**
N317/N318	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 45.5	η = 47.4	x: 1.304 m η = 4.9	x: 1.304 m η = 0.6	x: 0.051 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 52.9	η < 0.1	η = 2.0	x: 0.051 m η = 0.2	η = 0.1	**CUMPLE η = 52.9**
N318/N319	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 49.9	η = 52.0	x: 1.304 m η = 5.6	x: 1.304 m η = 2.0	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.6	η < 0.1	η = 1.5	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 59.6**
N319/N320	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 54.1	η = 56.3	x: 1.094 m η = 4.6	x: 0.051 m η = 2.0	x: 0.051 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.677 m η = 62.7	η < 0.1	η = 1.5	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 62.7**
N320/N321	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.7	η = 59.1	x: 1.303 m η = 8.2	x: 0.052 m η = 1.0	x: 0.052 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 67.2	η < 0.1	η = 0.9	x: 0.052 m η = 0.4	η = 0.1	**CUMPLE η = 67.2**
N321/N322	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.6	η = 59.1	x: 0.052 m η = 8.3	x: 1.303 m η = 0.8	x: 0.052 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 67.1	η < 0.1	η = 0.8	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 67.1**
N322/N323	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 53.8	η = 56.2	x: 0.261 m η = 4.6	x: 1.304 m η = 1.9	x: 1.304 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.678 m η = 62.2	η < 0.1	η = 1.4	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 62.2**
N323/N324	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 49.5	η = 51.7	x: 0.051 m η = 5.6	x: 0.051 m η = 2.1	x: 1.304 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 59.2	η < 0.1	η = 1.2	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 59.2**
N324/N325	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 45.0	η = 47.0	x: 0.051 m η = 4.9	x: 1.304 m η = 0.7	x: 1.304 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 52.2	η < 0.1	η = 1.9	x: 1.304 m η = 0.2	η = 0.1	**CUMPLE η = 52.2**
N325/N326	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 38.1	η = 40.0	x: 0.051 m η = 6.2	x: 1.305 m η = 0.6	x: 1.305 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 46.2	η < 0.1	η = 2.8	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 46.2**
N326/N327	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 31.1	η = 32.7	x: 0.05 m η = 4.5	x: 0.05 m η = 1.6	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 38.6	η < 0.1	η = 3.0	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 38.6**
N327/N328	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 22.6	η = 24.0	x: 0.05 m η = 4.9	x: 0.05 m η = 2.1	x: 1.306 m η = 0.7	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 30.7	η < 0.1	η = 2.5	x: 1.306 m η = 0.5	η = 0.2	**CUMPLE η = 30.7**
N328/N329	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.2	η = 15.3	x: 0.049 m η = 4.1	x: 1.306 m η = 1.8	x: 1.306 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.049 m η = 19.6	η < 0.1	η = 2.5	x: 1.306 m η = 0.4	η = 0.1	**CUMPLE η = 19.6**
N329/N330	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.2	η = 4.0	x: 1.306 m η = 8.3	x: 0.049 m η = 1.3	x: 0.049 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 12.7	η < 0.1	η = 2.7	x: 1.306 m η = 1.2	η < 0.1	**CUMPLE η = 12.7**
N330/N331	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.9	η = 5.8	x: 0.049 m η = 6.1	x: 0.049 m η = 0.7	x: 1.225 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.5	η < 0.1	η = 2.6	x: 0.049 m η = 0.6	η < 0.1	**CUMPLE η = 12.5**
N333/N430	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 5.9	x: 0 m η = 6.9	x: 0 m η = 32.3	x: 0 m η = 14.6	η = 19.3	η = 1.7	η < 0.1	η < 0.1	x: 0 m η = 48.8	η < 0.1	η = 0.2	η = 9.6	η < 0.1	**CUMPLE η = 48.8**
N430/N422	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.0	x: 0 m η = 7.1	x: 2.55 m η = 47.2	x: 0 m η = 12.2	η = 17.3	η = 0.8	η < 0.1	η < 0.1	x: 2.55 m η = 55.6	η < 0.1	η = 0.2	η = 9.6	η < 0.1	**CUMPLE η = 55.6**
N422/N332	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.1	x: 0 m η = 6.5	x: 0.109 m η = 50.0	x: 0 m η = 7.2	η = 17.0	η = 1.9	η < 0.1	η < 0.1	x: 0.109 m η = 58.0	η < 0.1	η = 0.2	η = 9.6	η = 0.3	**CUMPLE η = 58.0**
N332/N331	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 35.7	x: 0.091 m η = 0.7	η = 11.2	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 36.2	η < 0.1	η = 0.8	η = 6.4	η < 0.1	**CUMPLE η = 36.2**
N334/N321	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 15.9	x: 0.091 m η = 16.5	x: 1.51 m η = 0.1	x: 0.091 m η = 5.5	η < 0.1	η = 0.7	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 22.1	η < 0.1	η = 0.4	η < 0.1	η = 0.4	**CUMPLE η = 22.1**
N310/N335	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.8	x: 0.131 m η = 1.3	x: 0.131 m η = 56.8	x: 0.131 m η = 3.3	x: 0.131 m η = 9.6	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 60.5	η < 0.1	η = 2.3	x: 0.131 m η = 5.9	η = 0.3	**CUMPLE η = 60.5**
N335/N336	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.3	x: 0.05 m η = 12.2	x: 0.05 m η = 8.2	x: 1.305 m η = 3.2	x: 1.305 m η = 0.4	η = 0.6	η < 0.1	η < 0.1	x: 1.305 m η = 21.4	η < 0.1	η = 1.5	x: 1.305 m η = 0.3	η = 0.3	**CUMPLE η = 21.4**
N336/N337	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 13.9	x: 0.051 m η = 15.2	x: 1.305 m η = 2.8	x: 0.051 m η = 2.7	x: 0.051 m η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 18.1	η < 0.1	η = 6.5	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 18.1**
N337/N338	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 22.7	x: 0.051 m η = 23.6	x: 1.305 m η = 6.5	x: 1.305 m η = 1.8	x: 0.051 m η = 1.0	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 31.7	η < 0.1	η = 6.4	x: 0.051 m η = 0.6	η = 0.2	**CUMPLE η = 31.7**
N338/N339	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 29.8	x: 0.051 m η = 30.3	x: 0.886 m η = 3.1	x: 0.051 m η = 3.3	x: 0.051 m η = 0.1	η = 0.5	η < 0.1	η < 0.1	x: 0.051 m η = 36.5	η < 0.1	η = 0.6	x: 0.051 m η = 0.1	η = 0.3	**CUMPLE η = 36.5**
N339/N340	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 36.8	x: 0.052 m η = 37.1	x: 1.304 m η = 8.7	x: 1.304 m η = 3.5	x: 0.052 m η = 1.2	η = 0.6	η < 0.1	η < 0.1	x: 1.304 m η = 49.1	η < 0.1	η = 0.6	x: 0.052 m η = 0.7	η = 0.3	**CUMPLE η = 49.1**
N340/N341	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 35.7	x: 0.052 m η = 35.4	x: 0.052 m η = 5.1	x: 0.052 m η = 2.8	x: 0.052 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 43.1	η < 0.1	η = 4.9	x: 1.303 m η = 0.2	η = 0.2	**CUMPLE η = 43.1**
N341/N342	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 40.0	x: 0.053 m η = 39.6	x: 1.303 m η = 7.3	x: 1.303 m η = 2.2	x: 1.303 m η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 1.303 m η = 48.9	η < 0.1	η = 5.4	x: 0.053 m η = 0.5	η = 0.2	**CUMPLE η = 48.9**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N342/N343	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 42.8	x: 0.053 m η = 42.2	x: 0.053 m η = 5.7	x: 0.053 m η = 2.3	x: 0.053 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 50.0	η < 0.1	η = 2.6	x: 1.302 m η = 0.3	η = 0.2	**CUMPLE η = 50.0**
N343/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 44.9	x: 0.054 m η = 44.2	x: 1.315 m η = 10.6	x: 1.315 m η = 2.5	x: 1.315 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 1.315 m η = 57.1	η < 0.1	η = 2.4	x: 0.054 m η = 0.7	η = 0.2	**CUMPLE η = 57.1**
N332/N352	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 6.3	x: 0.131 m η = 4.8	x: 0.131 m η = 64.5	x: 0.131 m η = 2.8	x: 1.306 m η = 10.8	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 73.0	η < 0.1	η = 2.3	x: 0.131 m η = 6.7	η = 0.1	**CUMPLE η = 73.0**
N352/N351	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 7.4	x: 0.05 m η = 5.9	x: 0.05 m η = 9.6	x: 1.305 m η = 2.4	x: 0.05 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 16.1	η < 0.1	η = 1.6	x: 1.305 m η = 0.4	η = 0.1	**CUMPLE η = 16.1**
N351/N350	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.4	x: 0.051 m η = 10.2	x: 1.305 m η = 2.8	x: 0.051 m η = 1.3	x: 0.051 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 15.3	η < 0.1	η = 6.3	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 15.3**
N350/N349	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 21.2	x: 0.051 m η = 18.7	x: 1.305 m η = 6.3	x: 1.305 m η = 2.2	x: 1.305 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 28.6	η < 0.1	η = 6.6	x: 0.051 m η = 0.6	η = 0.1	**CUMPLE η = 28.6**
N349/N348	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 28.4	x: 0.051 m η = 25.6	x: 1.095 m η = 3.0	x: 0.051 m η = 1.4	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 1.302 m η = 31.6	η < 0.1	η = 0.7	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 31.6**
N348/N347	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 35.5	x: 0.052 m η = 32.6	x: 1.304 m η = 8.5	x: 1.304 m η = 1.0	x: 1.304 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 43.8	η < 0.1	η = 0.4	x: 0.052 m η = 0.7	η < 0.1	**CUMPLE η = 43.8**
N347/N346	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 35.1	x: 0.052 m η = 33.6	x: 0.052 m η = 4.8	x: 0.052 m η = 1.5	x: 0.052 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 40.3	η < 0.1	η = 4.7	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 40.3**
N346/N345	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 39.5	x: 0.053 m η = 38.0	x: 1.303 m η = 7.2	x: 1.303 m η = 2.3	x: 1.303 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 47.6	η < 0.1	η = 5.3	x: 0.053 m η = 0.5	η = 0.1	**CUMPLE η = 47.6**
N345/N344	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 42.4	x: 0.053 m η = 40.7	x: 0.053 m η = 5.6	x: 0.053 m η = 2.1	x: 0.053 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 49.0	η < 0.1	η = 2.9	x: 1.302 m η = 0.3	η = 0.2	**CUMPLE η = 49.0**
N344/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 44.6	x: 0.054 m η = 43.1	x: 1.315 m η = 10.5	x: 1.315 m η = 2.2	x: 1.315 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 56.1	η < 0.1	η = 2.4	x: 0.054 m η = 0.7	η = 0.1	**CUMPLE η = 56.1**
N342/N319	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 15.5	x: 0.091 m η = 15.6	x: 1.59 m η = 5.0	x: 0.091 m η = 9.4	η = 0.7	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 29.6	η < 0.1	η = 0.9	η = 0.4	η = 0.4	**CUMPLE η = 29.6**
N343/N320	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 8.9	x: 0.091 m η = 8.6	x: 0.091 m η = 4.2	x: 1.55 m η = 2.7	η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 15.7	η < 0.1	η = 0.4	η = 0.4	η = 0.1	**CUMPLE η = 15.7**
N341/N318	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 16.1	x: 0.091 m η = 15.7	x: 1.63 m η = 6.6	x: 0.091 m η = 2.3	η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 24.7	η < 0.1	η = 1.7	η = 0.6	η < 0.1	**CUMPLE η = 24.7**
N340/N317	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 26.2	x: 0.091 m η = 26.0	x: 1.67 m η = 8.9	x: 0.091 m η = 4.4	η = 1.1	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 38.9	η < 0.1	η = 1.2	η = 0.7	η = 0.3	**CUMPLE η = 38.9**
N339/N316	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 26.7	x: 0.091 m η = 25.9	x: 1.71 m η = 11.2	x: 1.71 m η = 1.9	η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 39.8	η < 0.1	η = 1.8	η = 0.9	η < 0.1	**CUMPLE η = 39.8**
N335/N312	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 34.3	x: 0.091 m η = 33.0	x: 0.091 m η = 21.3	x: 0.091 m η = 1.8	η = 2.3	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.4	η < 0.1	η = 1.7	η = 1.4	η < 0.1	**CUMPLE η = 56.4**
N336/N313	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 46.8	x: 0.091 m η = 45.2	x: 1.83 m η = 15.6	x: 0.091 m η = 7.1	η = 1.8	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 66.0	η < 0.1	η = 1.5	η = 1.1	η = 0.3	**CUMPLE η = 66.0**
N337/N314	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 34.0	x: 0.091 m η = 32.3	x: 1.79 m η = 13.9	x: 0.091 m η = 1.6	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 49.3	η < 0.1	η = 2.3	η = 1.1	η = 0.1	**CUMPLE η = 49.3**
N338/N315	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 33.9	x: 0.091 m η = 32.9	x: 1.75 m η = 12.4	x: 0.091 m η = 8.1	η = 1.5	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 52.8	η < 0.1	η = 1.8	η = 1.0	η = 0.3	**CUMPLE η = 52.8**
N345/N323	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 16.0	x: 0.091 m η = 16.3	x: 1.59 m η = 5.2	x: 0.091 m η = 9.5	η = 0.7	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 30.8	η < 0.1	η = 1.5	η = 0.4	η = 0.4	**CUMPLE η = 30.8**
N344/N322	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.3	x: 0.091 m η = 9.3	x: 0.091 m η = 4.5	x: 1.55 m η = 2.3	η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 16.0	η < 0.1	η = 0.1	η = 0.4	η = 0.1	**CUMPLE η = 16.0**
N346/N324	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 16.7	x: 0.091 m η = 16.3	x: 1.63 m η = 6.8	x: 0.091 m η = 2.2	η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 25.3	η < 0.1	η = 1.3	η = 0.6	η = 0.1	**CUMPLE η = 25.3**
N347/N325	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 26.6	x: 0.091 m η = 26.7	x: 1.67 m η = 9.1	x: 0.091 m η = 4.2	η = 1.2	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 39.4	η < 0.1	η = 1.4	η = 0.7	η = 0.3	**CUMPLE η = 39.4**
N348/N326	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 27.1	x: 0.091 m η = 26.5	x: 1.71 m η = 11.3	x: 1.71 m η = 2.1	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 40.4	η < 0.1	η = 1.5	η = 0.9	η < 0.1	**CUMPLE η = 40.4**
N351/N329	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 46.8	x: 0.091 m η = 46.3	x: 1.83 m η = 15.3	x: 0.091 m η = 6.5	η = 1.8	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 66.5	η < 0.1	η = 2.0	η = 1.1	η = 0.2	**CUMPLE η = 66.5**
N350/N328	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 33.9	x: 0.091 m η = 32.9	x: 1.79 m η = 13.9	x: 0.091 m η = 2.1	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 49.8	η < 0.1	η = 2.2	η = 1.1	η = 0.1	**CUMPLE η = 49.8**
N349/N327	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 34.0	x: 0.091 m η = 33.6	x: 1.75 m η = 12.4	x: 0.091 m η = 8.3	η = 1.5	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 54.4	η < 0.1	η = 2.3	η = 1.0	η = 0.4	**CUMPLE η = 54.4**
N352/N330	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 33.7	x: 0.091 m η = 32.2	x: 0.091 m η = 21.4	x: 0.091 m η = 1.8	η = 2.3	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.0	η < 0.1	η = 1.5	η = 1.4	η = 0.1	**CUMPLE η = 56.0**
N343/N321	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 9.4	x: 0.12 m η = 9.5	x: 0.12 m η = 3.2	x: 0.12 m η = 0.6	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 13.1	η < 0.1	η = 0.6	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 13.1**
N342/N320	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 11.8	x: 0.119 m η = 12.5	x: 0.119 m η = 4.2	x: 0.119 m η = 5.5	x: 2.042 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.119 m η = 21.7	η < 0.1	η = 1.4	x: 2.042 m η = 0.3	η = 0.2	**CUMPLE η = 21.7**
N341/N319	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 19.3	x: 0.118 m η = 19.7	x: 0.118 m η = 4.6	x: 0.118 m η = 1.6	x: 2.075 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 25.5	η < 0.1	η = 1.0	x: 2.075 m η = 0.3	η = 0.1	**CUMPLE η = 25.5**
N340/N318	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 20.1	x: 0.117 m η = 21.1	x: 0.117 m η = 6.0	x: 0.117 m η = 3.4	x: 2.107 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 30.0	η < 0.1	η = 0.2	x: 2.107 m η = 0.4	η = 0.1	**CUMPLE η = 30.0**
N339/N317	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 31.8	x: 0.116 m η = 32.5	x: 0.116 m η = 7.0	x: 0.116 m η = 1.2	x: 2.14 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 40.5	η < 0.1	η = 1.0	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 40.5**
N338/N316	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 32.4	x: 0.115 m η = 33.9	x: 0.115 m η = 7.9	x: 0.115 m η = 4.1	x: 2.173 m η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 0.115 m η = 44.4	η < 0.1	η = 1.3	x: 2.173 m η = 0.5	η = 0.2	**CUMPLE η = 44.4**
N337/N315	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 40.2	x: 0.114 m η = 42.0	x: 0.114 m η = 8.4	x: 0.114 m η = 2.5	x: 2.206 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 52.7	η < 0.1	η = 1.1	x: 2.206 m η = 0.6	η = 0.1	**CUMPLE η = 52.7**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N336/N314	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 39.8	x: 0.113 m η = 42.3	x: 2.239 m η = 8.6	x: 0.113 m η = 5.8	x: 2.239 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.113 m η = 55.2	η < 0.1	η = 0.5	x: 2.239 m η = 0.6	η = 0.1	**CUMPLE η = 55.2**
N335/N313	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 53.4	x: 0.112 m η = 55.8	x: 0.112 m η = 14.9	x: 0.112 m η = 2.6	x: 2.273 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 73.3	η < 0.1	η = 0.6	x: 2.273 m η = 0.9	η < 0.1	**CUMPLE η = 73.3**
N310/N312	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 42.0	x: 0.232 m η = 44.3	x: 0.232 m η = 9.6	x: 2.307 m η = 2.1	x: 0.232 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 55.0	η < 0.1	η = 0.2	x: 0.232 m η = 0.4	η = 0.1	**CUMPLE η = 55.0**
N344/N321	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.4	x: 0.12 m η = 10.0	x: 0.12 m η = 3.4	x: 0.12 m η = 1.3	x: 2.01 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.9	η < 0.1	η = 0.4	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.9**
N345/N322	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 12.7	x: 0.119 m η = 13.0	x: 0.119 m η = 4.4	x: 0.119 m η = 4.1	x: 2.042 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.119 m η = 21.1	η < 0.1	η = 1.7	x: 2.042 m η = 0.3	η = 0.2	**CUMPLE η = 21.1**
N346/N323	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 20.2	x: 0.118 m η = 20.3	x: 0.118 m η = 4.8	x: 2.075 m η = 0.9	x: 2.075 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 25.6	η < 0.1	η = 0.8	x: 2.075 m η = 0.3	η = 0.1	**CUMPLE η = 25.6**
N347/N324	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 20.8	x: 0.117 m η = 21.7	x: 0.117 m η = 6.0	x: 0.117 m η = 4.9	x: 2.107 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.117 m η = 31.7	η < 0.1	η = 0.4	x: 2.107 m η = 0.4	η = 0.2	**CUMPLE η = 31.7**
N348/N325	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 32.6	x: 0.116 m η = 33.1	x: 0.116 m η = 7.1	x: 2.14 m η = 1.3	x: 2.14 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 40.3	η < 0.1	η = 0.8	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 40.3**
N349/N326	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 33.2	x: 0.115 m η = 34.4	x: 0.115 m η = 8.0	x: 0.115 m η = 2.9	x: 2.173 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 0.115 m η = 45.0	η < 0.1	η = 1.7	x: 2.173 m η = 0.6	η = 0.1	**CUMPLE η = 45.0**
N350/N327	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 41.1	x: 0.114 m η = 42.0	x: 0.114 m η = 8.6	x: 0.114 m η = 1.8	x: 2.206 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 52.2	η < 0.1	η = 1.0	x: 2.206 m η = 0.6	η < 0.1	**CUMPLE η = 52.2**
N351/N328	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 40.6	x: 0.113 m η = 42.2	x: 2.239 m η = 8.6	x: 0.113 m η = 6.6	x: 2.239 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.113 m η = 56.1	η < 0.1	η = 0.5	x: 2.239 m η = 0.6	η = 0.2	**CUMPLE η = 56.1**
N352/N329	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 54.6	x: 0.112 m η = 55.7	x: 0.112 m η = 15.7	x: 2.273 m η = 2.1	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 73.0	η < 0.1	η = 0.5	x: 2.273 m η = 0.9	η < 0.1	**CUMPLE η = 73.0**
N332/N330	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 41.8	x: 0.232 m η = 43.8	x: 0.232 m η = 12.6	x: 0.232 m η = 2.9	x: 2.307 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 57.7	η < 0.1	η = 0.7	x: 0.232 m η = 0.6	η < 0.1	**CUMPLE η = 57.7**
N353/N413	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.32 m η = 0.3	x: 0 m η = 1.2	x: 1.32 m η = 3.7	x: 0 m η = 17.0	η = 1.4	η = 1.0	η < 0.1	η < 0.1	x: 0 m η = 18.6	η < 0.1	η = 0.2	η = 0.7	η = 0.1	**CUMPLE η = 18.6**
N413/N401	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.13 m η = 0.4	x: 0 m η = 1.1	x: 2.13 m η = 5.2	x: 2.13 m η = 7.0	η = 0.4	η = 0.6	η < 0.1	η < 0.1	x: 2.13 m η = 12.4	η < 0.1	η = 0.2	η = 0.2	η = 0.1	**CUMPLE η = 12.4**
N401/N407	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 0.5	x: 0 m η = 1.0	x: 2.55 m η = 9.9	x: 2.55 m η = 11.3	η = 3.5	η = 0.2	η < 0.1	η < 0.1	x: 2.55 m η = 20.8	η < 0.1	η = 0.2	η = 1.8	η = 0.1	**CUMPLE η = 20.8**
N407/N354	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 0.5	x: 0 m η = 0.8	x: 0.109 m η = 10.7	x: 0 m η = 11.3	η = 4.7	η = 0.5	η < 0.1	η < 0.1	x: 0.109 m η = 21.5	η < 0.1	η = 0.2	η = 2.8	η = 0.1	**CUMPLE η = 21.5**
N354/N355	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 7.4	x: 0.091 m η = 1.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 8.7	η < 0.1	η = 1.4	η = 1.3	η < 0.1	**CUMPLE η = 8.7**
N355/N356	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.1	η = 1.3	x: 0.13 m η = 2.4	x: 1.306 m η = 1.4	x: 0.13 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.13 m η = 3.8	η < 0.1	η = 3.7	x: 1.306 m η = 0.3	η = 0.1	**CUMPLE η = 3.8**
N356/N357	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.9	η = 1.1	x: 0.049 m η = 1.0	x: 1.306 m η = 2.7	x: 0.049 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 1.306 m η = 4.1	η < 0.1	η = 3.6	x: 0.049 m η = 0.2	η = 0.2	**CUMPLE η = 4.1**
N357/N358	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.6	η = 0.8	x: 0.678 m η = 0.6	x: 1.306 m η = 2.2	x: 0.049 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.097 m η = 3.2	η < 0.1	η = 3.9	x: 0.049 m η = 0.1	η < 0.1	**CUMPLE η = 3.9**
N358/N359	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.1	η = 1.0	x: 1.305 m η = 1.0	x: 0.049 m η = 1.0	x: 1.305 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 2.8	η < 0.1	η = 3.6	x: 1.305 m η = 0.2	η = 0.1	**CUMPLE η = 3.6**
N359/N360	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.1	η = 1.7	x: 0.05 m η = 0.6	x: 0.05 m η = 1.7	x: 0.05 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 3.8	η < 0.1	η = 2.2	x: 0.05 m η = 0.1	η = 0.1	**CUMPLE η = 3.8**
N360/N361	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.1	η = 1.9	x: 1.304 m η = 0.7	x: 1.304 m η = 2.9	x: 0.05 m η = 0.2	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 5.7	η < 0.1	η = 1.3	x: 0.05 m η = 0.2	η = 0.2	**CUMPLE η = 5.7**
N361/N362	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.0	η = 1.8	x: 0.469 m η = 0.7	x: 0.051 m η = 3.0	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 5.6	η < 0.1	η = 2.1	x: 1.304 m η = 0.1	η = 0.1	**CUMPLE η = 5.6**
N362/N363	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.0	η = 2.6	x: 1.304 m η = 1.5	x: 1.304 m η = 2.2	x: 1.304 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 6.7	η < 0.1	η = 1.9	x: 1.304 m η = 0.3	η = 0.2	**CUMPLE η = 6.7**
N363/N364	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 3.6	x: 0.051 m η = 1.2	x: 0.051 m η = 2.6	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 8.0	η < 0.1	η = 0.3	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 8.0**
N364/N365	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 3.4	x: 1.303 m η = 2.3	x: 1.303 m η = 3.2	x: 0.052 m η = 0.5	η = 0.5	η < 0.1	η < 0.1	x: 1.303 m η = 9.0	η < 0.1	η = 0.7	x: 0.052 m η = 0.3	η = 0.3	**CUMPLE η = 9.0**
N365/N366	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 3.5	x: 0.052 m η = 2.3	x: 0.052 m η = 3.2	x: 1.303 m η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 9.0	η < 0.1	η = 0.5	x: 1.303 m η = 0.3	η = 0.3	**CUMPLE η = 9.0**
N366/N367	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 4.2	x: 1.304 m η = 1.5	x: 1.304 m η = 1.9	x: 1.304 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 7.6	η < 0.1	η = 0.4	x: 1.304 m η = 0.2	η = 0.1	**CUMPLE η = 7.6**
N367/N368	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.3	η = 3.4	x: 0.051 m η = 1.6	x: 0.051 m η = 1.4	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 6.1	η < 0.1	η = 2.1	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 6.1**
N368/N369	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.1	η = 2.3	x: 1.304 m η = 1.0	x: 1.304 m η = 3.0	x: 1.304 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 6.0	η < 0.1	η = 2.4	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 6.0**
N369/N370	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.9	η = 2.2	x: 0.051 m η = 0.8	x: 0.051 m η = 3.1	x: 1.305 m η = 0.2	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 5.9	η < 0.1	η = 1.7	x: 1.305 m η = 0.2	η = 0.3	**CUMPLE η = 5.9**
N370/N371	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.0	η = 2.1	x: 1.305 m η = 1.2	x: 1.305 m η = 1.4	x: 1.305 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 4.6	η < 0.1	η = 2.4	x: 1.305 m η = 0.2	η = 0.2	**CUMPLE η = 4.6**
N371/N372	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.7	η = 1.1	x: 0.05 m η = 1.4	x: 1.306 m η = 0.7	x: 0.05 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 2.7	η < 0.1	η = 3.8	x: 0.05 m η = 0.3	η = 0.1	**CUMPLE η = 3.8**
N372/N373	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.0	η = 1.4	x: 1.306 m η = 1.0	x: 1.306 m η = 2.3	x: 1.306 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 4.3	η < 0.1	η = 3.9	x: 0.049 m η = 0.1	η < 0.1	**CUMPLE η = 4.3**
N373/N374	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.7	η = 1.6	x: 1.306 m η = 1.4	x: 0.049 m η = 2.9	x: 1.306 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.049 m η = 5.1	η < 0.1	η = 3.3	x: 0.049 m η = 0.1	η = 0.2	**CUMPLE η = 5.1**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N374/N375	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.9	η = 1.5	x: 1.225 m η = 3.5	x: 0.049 m η = 1.4	x: 0.049 m η = 0.7	η = 0.3	η < 0.1	η < 0.1	x: 1.225 m η = 5.5	η < 0.1	η = 3.5	x: 1.225 m η = 0.4	η = 0.2	**CUMPLE η = 5.5**
N377/N402	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	N_{Ed} = 0.00 N.P.(3)	x: 0 m η = 0.7	x: 0 m η = 22.7	x: 0 m η = 58.2	η = 16.3	η = 26.8	η < 0.1	η < 0.1	x: 0 m η = 73.9	η < 0.1	η = 0.4	η = 7.5	η = 0.2	**CUMPLE η = 73.9**
N402/N408	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	N_{Ed} = 0.00 N.P.(3)	x: 0 m η = 0.6	x: 0 m η = 18.5	x: 2.55 m η = 32.5	η = 7.1	η = 2.3	η < 0.1	η < 0.1	x: 2.55 m η = 41.0	η < 0.1	η = 0.4	η = 3.2	η = 0.2	**CUMPLE η = 41.0**
N408/N376	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η < 0.1	x: 0 m η = 0.4	x: 0.109 m η = 12.7	x: 0 m η = 32.5	η = 4.1	η = 16.0	η < 0.1	η < 0.1	x: 0 m η = 40.9	η < 0.1	η = 0.4	η = 1.0	η = 1.1	**CUMPLE η = 40.9**
N376/N375	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 11.1	x: 0.091 m η = 1.6	η = 3.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 12.5	η < 0.1	η = 1.4	η = 1.7	η < 0.1	**CUMPLE η = 12.5**
N378/N365	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 4.7	x: 0.091 m η = 4.4	x: 0.091 m η = 0.3	x: 0.091 m η = 24.2	η < 0.1	η = 2.4	η < 0.1	η < 0.1	x: 0.091 m η = 28.9	η < 0.1	η = 0.2	η < 0.1	η = 1.8	**CUMPLE η = 28.9**
N354/N379	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 1.4	x: 0.131 m η = 1.1	x: 0.131 m η = 8.5	x: 0.131 m η = 1.5	x: 1.306 m η = 1.4	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 10.5	η < 0.1	η = 8.1	x: 0.131 m η = 0.9	η = 0.2	**CUMPLE η = 10.5**
N379/N380	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 1.0	x: 0.05 m η = 0.7	x: 0.05 m η = 1.4	x: 0.05 m η = 1.0	x: 1.305 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 2.8	η < 0.1	η = 8.5	x: 1.305 m η = 0.1	η = 0.2	**CUMPLE η = 8.5**
N380/N381	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 1.2	x: 0.051 m η = 0.7	x: 1.305 m η = 1.6	x: 0.051 m η = 0.7	x: 0.051 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 3.0	η < 0.1	η = 3.1	x: 1.305 m η = 0.2	η = 0.1	**CUMPLE η = 3.1**
N381/N382	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 1.8	x: 0.051 m η = 1.4	x: 1.305 m η = 6.5	x: 1.305 m η = 0.8	x: 1.305 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 8.9	η < 0.1	η = 3.3	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 8.9**
N382/N383	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 4.1	x: 0.051 m η = 3.0	x: 0.051 m η = 7.5	x: 0.051 m η = 1.3	x: 0.051 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 12.6	η < 0.1	η = 9.4	x: 0.051 m η = 0.8	η = 0.2	**CUMPLE η = 12.6**
N383/N384	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 4.3	x: 0.052 m η = 3.1	x: 0.052 m η = 1.4	x: 1.304 m η = 1.0	x: 1.304 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 6.1	η < 0.1	η = 9.7	x: 1.304 m η = 0.1	η = 0.2	**CUMPLE η = 9.7**
N384/N385	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 3.3	x: 0.052 m η = 2.3	x: 1.303 m η = 1.2	x: 0.052 m η = 1.2	x: 0.052 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 5.2	η < 0.1	η = 7.8	x: 1.303 m η = 0.2	η = 0.1	**CUMPLE η = 7.8**
N385/N386	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 2.1	x: 0.053 m η = 1.3	x: 1.303 m η = 4.4	x: 1.303 m η = 1.6	x: 1.303 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 7.0	η < 0.1	η = 7.8	x: 0.053 m η = 0.3	η = 0.1	**CUMPLE η = 7.8**
N386/N387	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 6.2	x: 0.053 m η = 5.6	x: 0.053 m η = 7.0	x: 0.053 m η = 1.6	x: 1.302 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 14.5	η < 0.1	η = 9.6	x: 0.053 m η = 0.8	η = 0.2	**CUMPLE η = 14.5**
N387/N378	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 6.9	x: 0.054 m η = 6.1	x: 1.315 m η = 2.3	x: 1.315 m η = 1.9	x: 1.315 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 11.0	η < 0.1	η = 10.1	x: 0.054 m η = 0.2	η = 0.2	**CUMPLE η = 11.0**
N376/N396	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 4.1	x: 0.131 m η = 5.7	x: 0.131 m η = 13.0	x: 0.131 m η = 2.1	x: 0.131 m η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 18.7	η < 0.1	η = 8.0	x: 1.306 m η = 1.0	η = 0.2	**CUMPLE η = 18.7**
N396/N395	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 3.5	x: 0.05 m η = 4.9	x: 0.05 m η = 2.6	x: 1.305 m η = 2.1	x: 1.305 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 7.6	η < 0.1	η = 8.7	x: 0.05 m η = 0.3	η = 0.2	**CUMPLE η = 8.7**
N395/N394	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 2.1	x: 0.051 m η = 3.4	x: 0.051 m η = 1.7	x: 0.051 m η = 1.1	x: 1.305 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 5.8	η < 0.1	η = 2.5	x: 1.305 m η = 0.1	η < 0.1	**CUMPLE η = 5.8**
N394/N393	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 0.8	x: 0.051 m η = 2.2	x: 1.305 m η = 6.9	x: 1.305 m η = 0.7	x: 0.051 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 9.5	η < 0.1	η = 2.6	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 9.5**
N393/N392	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 5.9	x: 0.051 m η = 6.1	x: 0.051 m η = 4.3	x: 0.051 m η = 1.4	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 11.1	η < 0.1	η = 9.3	x: 1.304 m η = 0.2	η = 0.2	**CUMPLE η = 11.1**
N392/N391	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 5.8	x: 0.052 m η = 5.9	x: 1.304 m η = 1.1	x: 1.304 m η = 1.0	x: 1.304 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 7.9	η < 0.1	η = 9.8	x: 0.052 m η = 0.2	η = 0.2	**CUMPLE η = 9.8**
N391/N390	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 4.6	x: 0.052 m η = 4.8	x: 0.052 m η = 1.3	x: 0.052 m η = 1.4	x: 1.303 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 7.5	η < 0.1	η = 6.5	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 7.5**
N390/N389	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 3.4	x: 0.053 m η = 3.9	x: 1.303 m η = 5.2	x: 1.303 m η = 1.7	x: 0.053 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 10.8	η < 0.1	η = 6.1	x: 1.303 m η = 0.6	η = 0.1	**CUMPLE η = 10.8**
N389/N388	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 6.3	x: 0.053 m η = 5.5	x: 0.053 m η = 2.2	x: 0.053 m η = 1.5	x: 0.053 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 8.7	η < 0.1	η = 8.9	x: 1.302 m η = 0.1	η = 0.2	**CUMPLE η = 8.9**
N388/N378	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 6.9	x: 0.054 m η = 6.1	x: 1.315 m η = 2.3	x: 1.315 m η = 1.9	x: 1.315 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 10.9	η < 0.1	η = 9.5	x: 0.054 m η = 0.3	η = 0.2	**CUMPLE η = 10.9**
N386/N363	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 3.7	x: 0.091 m η = 5.1	x: 0.091 m η = 3.3	x: 0.091 m η = 16.6	η = 0.4	η = 1.6	η < 0.1	η < 0.1	x: 0.091 m η = 24.3	η < 0.1	η = 0.4	η = 0.3	η = 1.0	**CUMPLE η = 24.3**
N387/N364	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 1.7	x: 0.091 m η = 0.9	x: 0.091 m η = 2.7	x: 0.091 m η = 3.4	η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 7.4	η < 0.1	η = 1.3	η = 0.2	η = 0.2	**CUMPLE η = 7.4**
N385/N362	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 2.7	x: 0.091 m η = 3.5	x: 1.63 m η = 1.3	x: 1.63 m η = 2.7	η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 1.63 m η = 7.3	η < 0.1	η = 0.7	η = 0.1	η = 0.1	**CUMPLE η = 7.3**
N384/N361	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 0.8	x: 0.091 m η = 1.0	x: 0.091 m η = 0.5	x: 0.091 m η = 16.2	η < 0.1	η = 1.3	η < 0.1	η < 0.1	x: 0.091 m η = 17.6	η < 0.1	η = 1.6	η < 0.1	η = 0.8	**CUMPLE η = 17.6**
N383/N360	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 1.0	x: 0.091 m η = 0.7	x: 0.091 m η = 1.3	x: 0.091 m η = 3.5	η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 5.4	η < 0.1	η = 2.2	η = 0.1	η = 0.1	**CUMPLE η = 5.4**
N379/N356	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 0.7	x: 0.091 m η = 0.1	x: 0.091 m η = 1.4	x: 0.091 m η = 2.8	η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 4.4	η < 0.1	η = 3.3	η = 0.1	η = 0.1	**CUMPLE η = 4.4**
N380/N357	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 1.5	x: 0.091 m η = 2.2	x: 0.091 m η = 0.3	x: 0.091 m η = 9.6	η < 0.1	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 11.6	η < 0.1	η = 2.7	η < 0.1	η = 0.4	**CUMPLE η = 11.6**
N381/N358	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 1.4	x: 0.091 m η = 2.3	x: 1.79 m η = 0.8	x: 1.79 m η = 2.8	η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 5.9	η < 0.1	η = 2.0	η = 0.1	η = 0.1	**CUMPLE η = 5.9**
N382/N359	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 2.5	x: 0.091 m η = 4.2	x: 0.091 m η = 3.8	x: 0.091 m η = 10.9	η = 0.4	η = 1.0	η < 0.1	η < 0.1	x: 0.091 m η = 16.8	η < 0.1	η = 1.7	η = 0.2	η = 0.5	**CUMPLE η = 16.8**
N389/N367	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 3.2	x: 0.091 m η = 4.9	x: 0.091 m η = 1.8	x: 0.091 m η = 13.7	η = 0.2	η = 1.4	η < 0.1	η < 0.1	x: 0.091 m η = 18.4	η < 0.1	η = 0.4	η < 0.1	η = 0.8	**CUMPLE η = 18.4**
N388/N366	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 2.5	x: 0.091 m η = 2.5	x: 0.091 m η = 2.1	x: 0.091 m η = 3.5	η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 8.1	η < 0.1	η = 1.4	η = 0.2	η = 0.2	**CUMPLE η = 8.1**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N390/N368	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 3.8	x: 0.091 m η = 4.5	x: 0.091 m η = 2.2	x: 1.63 m η = 3.0	η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 1.63 m η = 9.4	η < 0.1	η = 0.1	η = 0.2	η = 0.1	**CUMPLE η = 9.4**
N391/N369	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 0.4	x: 0.091 m η = 0.6	x: 0.091 m η = 0.5	x: 0.091 m η = 16.6	η = 0.1	η = 1.3	η < 0.1	η < 0.1	x: 0.091 m η = 17.6	η < 0.1	η = 1.7	η < 0.1	η = 0.8	**CUMPLE η = 17.6**
N392/N370	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 0.8	x: 0.091 m η = 0.2	x: 0.091 m η = 0.3	x: 0.091 m η = 3.0	η < 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 3.2	η < 0.1	η = 2.4	η < 0.1	η = 0.1	**CUMPLE η = 3.2**
N395/N373	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 2.8	x: 0.091 m η = 2.3	x: 1.83 m η = 1.2	x: 0.091 m η = 11.3	η = 0.1	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 14.6	η < 0.1	η = 2.5	η = 0.1	η = 0.5	**CUMPLE η = 14.6**
N394/N372	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 5.6	x: 0.091 m η = 5.7	x: 0.091 m η = 2.9	x: 1.79 m η = 2.6	η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 1.79 m η = 10.7	η < 0.1	η = 1.6	η = 0.2	η = 0.1	**CUMPLE η = 10.7**
N393/N371	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 4.8	x: 0.091 m η = 5.9	x: 0.091 m η = 1.6	x: 0.091 m η = 10.1	η = 0.1	η = 1.0	η < 0.1	η < 0.1	x: 0.091 m η = 16.1	η < 0.1	η = 1.6	η < 0.1	η = 0.6	**CUMPLE η = 16.1**
N396/N374	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 1.4	x: 0.091 m η = 0.1	x: 0.091 m η = 1.6	x: 0.091 m η = 3.2	η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 4.8	η < 0.1	η = 3.1	η < 0.1	η = 0.1	**CUMPLE η = 4.8**
N387/N365	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 2.5	x: 0.12 m η = 3.1	x: 0.12 m η = 1.1	x: 2.01 m η = 3.4	x: 2.01 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 2.01 m η = 6.8	η < 0.1	η = 1.0	x: 2.01 m η = 0.1	η = 0.2	**CUMPLE η = 6.8**
N386/N364	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 1.4	x: 0.119 m η = 3.0	x: 0.119 m η = 2.4	x: 0.119 m η = 10.9	x: 2.042 m η = 0.3	η = 0.8	η < 0.1	η < 0.1	x: 0.119 m η = 16.1	η < 0.1	η = 1.5	x: 0.119 m η = 0.2	η = 0.4	**CUMPLE η = 16.1**
N385/N363	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 5.7	x: 0.118 m η = 4.5	x: 0.118 m η = 0.8	x: 2.075 m η = 2.2	x: 0.118 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.118 m η = 8.5	η < 0.1	η = 0.3	x: 2.075 m η = 0.1	η = 0.2	**CUMPLE η = 8.5**
N384/N362	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 4.5	x: 0.117 m η = 3.9	x: 0.117 m η = 0.9	x: 0.117 m η = 9.8	x: 0.117 m η = 0.2	η = 0.7	η < 0.1	η < 0.1	x: 0.117 m η = 15.1	η < 0.1	η = 2.3	x: 0.117 m η = 0.1	η = 0.4	**CUMPLE η = 15.1**
N383/N361	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 0.9	x: 0.116 m η = 1.2	x: 0.116 m η = 0.9	x: 0.116 m η = 2.7	x: 2.14 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.116 m η = 4.4	η < 0.1	η = 1.2	x: 2.14 m η = 0.1	η = 0.1	**CUMPLE η = 4.4**
N382/N360	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 0.6	x: 0.115 m η = 1.4	x: 0.115 m η = 3.0	x: 0.115 m η = 9.3	x: 0.115 m η = 0.3	η = 0.6	η < 0.1	η < 0.1	x: 0.115 m η = 13.1	η < 0.1	η = 0.6	x: 2.173 m η = 0.3	η = 0.5	**CUMPLE η = 13.1**
N381/N359	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 4.6	x: 0.114 m η = 3.1	x: 0.114 m η = 0.5	x: 2.206 m η = 2.5	x: 0.114 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 2.206 m η = 5.8	η < 0.1	η = 1.2	x: 0.114 m η = 0.1	η < 0.1	**CUMPLE η = 5.8**
N380/N358	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 2.8	x: 0.113 m η = 2.0	x: 0.113 m η = 0.7	x: 0.113 m η = 5.2	x: 0.113 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.113 m η = 7.3	η < 0.1	η = 2.1	x: 0.113 m η = 0.1	η = 0.2	**CUMPLE η = 7.3**
N379/N357	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 2.3	x: 0.112 m η = 1.9	x: 0.112 m η = 1.3	x: 0.112 m η = 2.7	x: 0.112 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 5.2	η < 0.1	η = 1.6	x: 2.273 m η = 0.1	η = 0.1	**CUMPLE η = 5.2**
N354/N356	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 0.8	x: 0.232 m η = 1.5	x: 0.232 m η = 2.8	x: 0.232 m η = 5.8	x: 2.307 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.232 m η = 9.8	η < 0.1	η = 1.1	x: 0.232 m η = 0.2	η = 0.1	**CUMPLE η = 9.8**
N388/N365	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 2.5	x: 0.12 m η = 2.6	x: 0.12 m η = 0.6	x: 2.01 m η = 3.2	x: 2.01 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 2.01 m η = 5.9	η < 0.1	η = 1.0	x: 2.01 m η = 0.1	η = 0.2	**CUMPLE η = 5.9**
N389/N366	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 3.3	x: 0.119 m η = 3.9	x: 0.119 m η = 1.6	x: 0.119 m η = 9.6	x: 0.119 m η = 0.2	η = 0.7	η < 0.1	η < 0.1	x: 0.119 m η = 14.3	η < 0.1	η = 1.0	x: 2.042 m η = 0.1	η = 0.4	**CUMPLE η = 14.3**
N390/N367	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 5.4	x: 0.118 m η = 3.8	x: 0.118 m η = 1.6	x: 2.075 m η = 2.1	x: 0.118 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 0.118 m η = 8.7	η < 0.1	η = 0.3	x: 0.118 m η = 0.2	η = 0.1	**CUMPLE η = 8.7**
N391/N368	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 5.7	x: 0.117 m η = 5.1	x: 2.107 m η = 0.8	x: 0.117 m η = 9.4	x: 0.117 m η = 0.2	η = 0.7	η < 0.1	η < 0.1	x: 0.117 m η = 15.6	η < 0.1	η = 2.3	x: 0.117 m η = 0.1	η = 0.4	**CUMPLE η = 15.6**
N392/N369	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 0.8	x: 0.116 m η = 1.1	x: 2.14 m η = 0.8	x: 0.116 m η = 2.5	x: 2.14 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.116 m η = 3.5	η < 0.1	η = 1.3	x: 0.116 m η = 0.1	η = 0.1	**CUMPLE η = 3.5**
N393/N370	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 0.1	x: 0.115 m η = 1.3	x: 0.115 m η = 1.7	x: 0.115 m η = 8.9	x: 0.115 m η = 0.2	η = 0.6	η < 0.1	η < 0.1	x: 0.115 m η = 10.0	η < 0.1	η = 0.3	x: 2.173 m η = 0.1	η = 0.3	**CUMPLE η = 10.0**
N394/N371	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 6.5	x: 0.114 m η = 5.7	x: 0.114 m η = 2.0	x: 2.206 m η = 2.3	x: 0.114 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 2.206 m η = 9.8	η < 0.1	η = 0.8	x: 0.114 m η = 0.2	η < 0.1	**CUMPLE η = 9.8**
N395/N372	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 6.8	x: 0.113 m η = 7.2	x: 2.239 m η = 1.2	x: 0.113 m η = 5.7	x: 0.113 m η = 0.2	η = 0.5	η < 0.1	η < 0.1	x: 0.113 m η = 13.3	η < 0.1	η = 2.1	x: 0.113 m η = 0.1	η = 0.3	**CUMPLE η = 13.3**
N396/N373	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 2.6	x: 0.112 m η = 3.7	x: 2.273 m η = 1.6	x: 0.112 m η = 2.4	x: 2.273 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 7.5	η < 0.1	η = 1.6	x: 0.112 m η = 0.2	η = 0.1	**CUMPLE η = 7.5**
N376/N374	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 0.5	x: 0.232 m η = 1.8	x: 0.232 m η = 4.5	x: 0.232 m η = 5.8	x: 0.232 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.232 m η = 11.1	η < 0.1	η = 1.1	x: 2.307 m η = 0.2	η = 0.1	**CUMPLE η = 11.1**
N378/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 0.05 m η = 20.5	x: 5.432 m η = 0.5	x: 0.05 m η = 7.7	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 20.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 20.5**
N334/N290	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 5.0	x: 5.45 m η = 35.4	x: 0.068 m η = 6.8	x: 5.45 m η = 10.9	η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 37.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 37.9**
N290/N246	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 4.9	x: 5.45 m η = 40.5	x: 5.45 m η = 1.3	x: 5.45 m η = 10.7	η < 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 40.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**
N246/N202	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.3	η = 4.8	x: 0.05 m η = 40.3	x: 5.45 m η = 1.2	x: 0.05 m η = 10.6	η < 0.1	η < 0.1	x: 0.05 m η < 0.1	x: 0.05 m η = 40.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.4**
N202/N158	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.3	η = 4.7	x: 5.45 m η = 39.6	x: 0.05 m η = 1.3	x: 5.45 m η = 10.5	η < 0.1	η < 0.1	x: 0.05 m η < 0.1	x: 0.05 m η = 39.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.6**
N158/N114	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 4.7	x: 0.05 m η = 39.7	x: 5.45 m η = 1.2	x: 0.05 m η = 10.6	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 39.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.7**
N114/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 4.6	x: 5.432 m η = 41.3	x: 5.432 m η = 2.6	x: 5.432 m η = 10.7	η = 0.1	η < 0.1	η < 0.1	x: 5.432 m η = 40.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.3**
N70/N5	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.2	η = 0.3	x: 3.297 m η = 29.0	x: 0.068 m η = 0.4	x: 5.45 m η = 6.4	η < 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 28.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 29.0**
N376/N332	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 13.0	η = 0.9	x: 5.45 m η = 20.6	x: 5.45 m η = 4.3	x: 5.45 m η = 4.3	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 25.6	η < 0.1	η = 0.3	x: 5.45 m η = 2.6	η < 0.1	**CUMPLE η = 25.6**
N332/N288	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.1	η = 1.7	x: 5.45 m η = 28.5	x: 0.05 m η = 8.0	x: 5.45 m η = 5.9	x: 0.05 m η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 34.0	η < 0.1	η = 0.3	x: 5.45 m η = 3.2	η = 0.1	**CUMPLE η = 34.0**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N288/N244	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.0	η = 2.3	x: 5.45 m η = 26.8	x: 0.05 m η = 3.9	x: 5.45 m η = 5.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 29.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 29.7**
N244/N200	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.9	η = 2.8	x: 5.45 m η = 25.8	x: 0.05 m η = 3.8	x: 5.45 m η = 5.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 28.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 28.8**
N200/N156	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.9	η = 3.2	x: 5.45 m η = 25.8	x: 0.05 m η = 4.2	x: 5.45 m η = 5.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 29.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 29.3**
N156/N112	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.1	η = 3.6	x: 5.45 m η = 26.1	x: 0.05 m η = 4.0	x: 5.45 m η = 5.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 30.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 30.2**
N112/N68	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.3	η = 4.0	x: 5.45 m η = 25.9	x: 0.05 m η = 4.2	x: 5.45 m η = 5.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 33.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.4**
N68/N8	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 13.1	η = 4.3	x: 5.432 m η = 13.9	x: 0.05 m η = 4.0	x: 0.05 m η = 3.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 20.3	η < 0.1	η = 0.2	x: 0.05 m η = 2.3	x: 0.05 m η = 0.2	**CUMPLE η = 20.3**
N395/N351	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 2.203 m η = 18.0	x: 5.432 m η = 2.6	x: 0.05 m η = 6.8	x: 5.43 m η = 0.1	η < 0.1	η < 0.1	x: 2.203 m η = 18.5	η < 0.1	η = 0.8	x: 0.05 m η = 3.8	η < 0.1	**CUMPLE η = 18.5**
N351/N307	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.9	η = 0.7	x: 0.068 m η = 39.7	x: 0.068 m η = 9.7	x: 0.068 m η = 10.7	x: 0.068 m η = 0.3	η < 0.1	η < 0.1	x: 0.068 m η = 46.1	η < 0.1	η = 0.3	x: 0.068 m η = 5.5	η = 0.1	**CUMPLE η = 46.1**
N307/N263	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.8	x: 5.45 m η = 40.9	x: 0.05 m η = 5.0	x: 5.45 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 42.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.1**
N263/N219	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.8	x: 5.45 m η = 40.1	x: 0.05 m η = 4.9	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.9**
N219/N175	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.8	x: 5.45 m η = 40.4	x: 0.05 m η = 4.9	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N175/N131	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.9	x: 0.05 m η = 39.4	x: 0.05 m η = 4.9	x: 0.05 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.6**
N131/N87	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.9	x: 5.432 m η = 45.6	x: 0.05 m η = 4.7	x: 5.432 m η = 11.0	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 46.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 46.7**
N87/N38	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η < 0.1	x: 3.297 m η = 21.8	x: 0.068 m η = 3.1	x: 5.45 m η = 6.6	x: 0.068 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 23.0	η < 0.1	η = 0.5	x: 5.45 m η = 3.6	η < 0.1	**CUMPLE η = 23.0**
N393/N349	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.3	x: 0.1 m η = 28.3	x: 5.45 m η = 3.3	x: 5.45 m η = 6.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 29.5	η < 0.1	η = 0.7	x: 5.45 m η = 3.3	η < 0.1	**CUMPLE η = 29.5**
N349/N305	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 40.4	x: 0.05 m η = 8.5	x: 5.45 m η = 11.3	x: 0.05 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 43.3	η < 0.1	η = 0.2	x: 5.45 m η = 9.9	x: 0.05 m η = 0.3	**CUMPLE η = 43.3**
N305/N261	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 39.8	x: 0.05 m η = 4.5	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.0**
N261/N217	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 39.8	x: 0.05 m η = 4.5	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.5**
N217/N173	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 39.7	x: 0.05 m η = 4.5	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N173/N129	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 39.6	x: 0.05 m η = 4.4	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 41.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.8**
N129/N85	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.3	x: 0.05 m η = 39.9	x: 0.05 m η = 4.3	x: 0.05 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.1**
N85/N42	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.6	η = 1.4	x: 0.05 m η = 31.8	x: 0.05 m η = 3.8	x: 0.05 m η = 9.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 33.4	η < 0.1	η = 0.4	x: 0.05 m η = 5.0	η < 0.1	**CUMPLE η = 33.4**
N391/N347	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 0.05 m η = 18.0	x: 5.432 m η = 2.1	x: 0.05 m η = 7.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 19.0	η < 0.1	η = 0.5	x: 0.05 m η = 4.2	η < 0.1	**CUMPLE η = 19.0**
N347/N303	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.8	η = 1.1	x: 5.45 m η = 36.0	x: 0.068 m η = 9.2	x: 5.45 m η = 10.8	x: 0.068 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 39.3	η < 0.1	η = 0.2	x: 5.45 m η = 9.4	x: 0.068 m η = 0.3	**CUMPLE η = 39.3**
N303/N259	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.8	η = 1.0	x: 5.45 m η = 40.5	x: 0.05 m η = 4.1	x: 5.45 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 39.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**
N259/N215	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.8	η = 1.0	x: 0.05 m η = 40.1	x: 0.05 m η = 4.2	x: 0.05 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.8**
N215/N171	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.7	η = 1.0	x: 5.45 m η = 39.7	x: 0.05 m η = 4.2	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.2**
N171/N127	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.7	η = 0.9	x: 0.05 m η = 39.7	x: 0.05 m η = 4.1	x: 0.05 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N127/N83	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.7	η = 0.9	x: 5.432 m η = 42.7	x: 0.05 m η = 3.5	x: 5.432 m η = 10.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 41.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.7**
N83/N34	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.2	η = 0.2	x: 3.297 m η = 28.0	x: 0.068 m η = 1.9	x: 5.45 m η = 6.4	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.566 m η = 29.0	η < 0.1	η = 0.3	x: 5.45 m η = 3.5	η < 0.1	**CUMPLE η = 29.0**
N389/N345	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.7	x: 0.1 m η = 39.0	x: 5.45 m η = 2.6	x: 5.45 m η = 5.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 42.3	η < 0.1	η = 0.3	x: 0.1 m η = 3.3	η < 0.1	**CUMPLE η = 42.3**
N345/N301	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.6	x: 5.45 m η = 39.9	x: 0.05 m η = 8.6	x: 5.45 m η = 11.6	x: 0.05 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 40.9	η < 0.1	η = 0.1	x: 5.45 m η = 10.1	x: 0.05 m η = 0.3	**CUMPLE η = 40.9**
N301/N257	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.7	x: 5.45 m η = 39.9	x: 0.05 m η = 4.1	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 38.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.9**
N257/N213	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.7	x: 0.05 m η = 39.9	x: 0.05 m η = 4.0	x: 0.05 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 40.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.1**
N213/N169	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.7	x: 0.05 m η = 39.6	x: 0.05 m η = 3.9	x: 0.05 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 39.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.7**
N169/N125	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.8	x: 5.45 m η = 39.6	x: 0.05 m η = 3.7	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 39.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.9**
N125/N81	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.8	x: 0.05 m η = 40.2	x: 5.45 m η = 3.3	x: 0.05 m η = 10.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 40.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N81/N28	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 4.0	x: 3.548 m η = 29.0	x: 0.05 m η = 2.7	x: 0.05 m η = 9.2	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 3.548 m η = 32.0	η < 0.1	η = 0.2	x: 0.05 m η = 8.0	x: 0.05 m η = 0.1	**CUMPLE η = 32.0**
N386/N342	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 4.0	x: 0.1 m η = 43.5	x: 5.45 m η = 2.1	x: 5.45 m η = 5.7	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 46.8	η < 0.1	η = 0.3	x: 0.1 m η = 3.4	η < 0.1	**CUMPLE η = 46.8**
N342/N298	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.9	x: 5.45 m η = 39.9	x: 5.45 m η = 8.5	x: 5.45 m η = 11.6	x: 5.45 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 44.5	η < 0.1	η = 0.1	x: 5.45 m η = 10.1	x: 5.45 m η = 0.3	**CUMPLE η = 44.5**
N298/N254	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.9	x: 5.45 m η = 39.8	x: 0.05 m η = 2.7	x: 5.45 m η = 10.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 39.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.8**
N254/N210	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.9	x: 0.05 m η = 39.9	x: 5.45 m η = 2.7	x: 0.05 m η = 10.5	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 40.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.2**
N210/N166	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 4.0	x: 0.05 m η = 39.6	x: 5.45 m η = 2.9	x: 0.05 m η = 10.5	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 39.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.6**
N166/N122	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 4.0	x: 5.45 m η = 39.6	x: 5.45 m η = 3.0	x: 5.45 m η = 10.5	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 39.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.6**
N122/N78	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 4.1	x: 0.05 m η = 40.3	x: 0.05 m η = 4.0	x: 0.05 m η = 10.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.4**
N78/N16	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 4.2	x: 3.548 m η = 29.0	x: 0.05 m η = 3.0	x: 0.05 m η = 9.2	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 3.548 m η = 32.2	η < 0.1	η = 0.1	x: 0.05 m η = 8.0	x: 0.05 m η = 0.1	**CUMPLE η = 32.2**
N384/N340	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 2.741 m η = 18.3	x: 5.432 m η = 1.6	x: 0.05 m η = 7.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.741 m η = 18.8	η < 0.1	η = 0.5	x: 0.05 m η = 4.2	η < 0.1	**CUMPLE η = 18.8**
N340/N296	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 5.45 m η = 36.4	x: 5.45 m η = 8.5	x: 5.45 m η = 10.8	x: 5.45 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 43.3	η < 0.1	η = 0.2	x: 5.45 m η = 9.5	x: 5.45 m η = 0.3	**CUMPLE η = 43.3**
N296/N252	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 5.45 m η = 40.4	x: 0.05 m η = 2.7	x: 5.45 m η = 10.7	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 41.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.3**
N252/N208	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 0.05 m η = 40.0	x: 0.05 m η = 2.7	x: 0.05 m η = 10.5	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.7**
N208/N164	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 5.45 m η = 39.6	x: 5.45 m η = 2.6	x: 5.45 m η = 10.5	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 40.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.7**
N164/N120	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.0	x: 0.05 m η = 39.7	x: 5.45 m η = 2.6	x: 0.05 m η = 10.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.3**
N120/N76	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.432 m η = 42.3	x: 0.05 m η = 4.3	x: 5.432 m η = 10.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N76/N12	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.2	x: 3.297 m η = 28.0	x: 0.068 m η = 2.2	x: 5.45 m η = 6.4	x: 0.068 m η = 0.1	η < 0.1	η < 0.1	x: 3.566 m η = 29.1	η < 0.1	η = 0.3	x: 5.45 m η = 3.5	η < 0.1	**CUMPLE η = 29.1**
N382/N338	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.5	η = 1.1	x: 0.1 m η = 26.3	x: 5.45 m η = 2.7	x: 5.45 m η = 6.4	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 25.5	η < 0.1	η = 0.8	x: 5.45 m η = 3.5	η < 0.1	**CUMPLE η = 26.3**
N338/N294	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.1	x: 5.45 m η = 41.0	x: 5.45 m η = 8.4	x: 5.45 m η = 11.3	x: 5.45 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 47.9	η < 0.1	η = 0.2	x: 5.45 m η = 9.9	x: 5.45 m η = 0.3	**CUMPLE η = 47.9**
N294/N250	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.45 m η = 39.7	x: 0.05 m η = 3.0	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 41.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.0**
N250/N206	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.45 m η = 39.8	x: 0.05 m η = 2.9	x: 5.45 m η = 10.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.6**
N206/N162	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.45 m η = 39.7	x: 5.45 m η = 2.3	x: 5.45 m η = 10.5	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 40.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**
N162/N118	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.45 m η = 39.7	x: 0.05 m η = 2.6	x: 5.45 m η = 10.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 40.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**
N118/N74	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 0.05 m η = 40.0	x: 0.05 m η = 4.5	x: 0.05 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N74/N20	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 0.05 m η = 31.3	x: 0.05 m η = 4.0	x: 0.05 m η = 9.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 33.9	η < 0.1	η = 0.4	x: 0.05 m η = 5.0	η < 0.1	**CUMPLE η = 33.9**
N380/N336	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 2.472 m η = 18.7	x: 5.432 m η = 1.9	x: 0.05 m η = 6.8	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.203 m η = 19.4	η < 0.1	η = 0.8	x: 0.05 m η = 3.8	η < 0.1	**CUMPLE η = 19.4**
N336/N292	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.1	η = 2.2	x: 0.068 m η = 38.8	x: 5.45 m η = 7.8	x: 0.068 m η = 10.6	x: 5.45 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 44.2	η < 0.1	η = 0.2	x: 0.068 m η = 5.5	η = 0.1	**CUMPLE η = 44.2**
N292/N248	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.45 m η = 41.1	x: 0.05 m η = 3.3	x: 5.45 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 43.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 43.6**
N248/N204	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.45 m η = 40.5	x: 0.05 m η = 3.0	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 43.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 43.2**
N204/N160	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.45 m η = 40.8	x: 0.05 m η = 2.5	x: 5.45 m η = 10.6	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 43.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 43.7**
N160/N116	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.45 m η = 39.3	x: 0.05 m η = 2.4	x: 5.45 m η = 10.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 42.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.2**
N116/N72	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.432 m η = 46.0	x: 0.05 m η = 4.1	x: 5.432 m η = 11.0	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 48.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 48.4**
N72/N24	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η < 0.1	x: 3.297 m η = 22.6	x: 0.068 m η = 2.7	x: 5.45 m η = 6.6	x: 0.068 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 23.3	η < 0.1	η = 0.5	x: 5.45 m η = 3.5	η < 0.1	**CUMPLE η = 23.3**
N354/N310	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.9	η = 4.5	x: 5.45 m η = 25.9	x: 5.45 m η = 1.4	x: 5.45 m η = 4.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 30.1	η < 0.1	η = 0.5	x: 5.45 m η = 2.8	η < 0.1	**CUMPLE η = 30.1**
N310/N266	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.8	η = 5.0	x: 5.45 m η = 29.8	x: 5.45 m η = 6.2	x: 5.45 m η = 6.1	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 37.3	η < 0.1	η = 0.1	x: 5.45 m η = 5.2	x: 5.45 m η = 0.2	**CUMPLE η = 37.3**
N266/N222	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.6	η = 5.6	x: 5.45 m η = 29.4	x: 0.05 m η = 2.7	x: 5.45 m η = 6.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 33.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.9**
N222/N178	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.3	η = 6.0	x: 5.45 m η = 29.7	x: 0.05 m η = 1.9	x: 5.45 m η = 6.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 34.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 34.9**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N178/N134	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.1	η = 6.5	x: 5.45 m η = 30.0	x: 0.05 m η = 1.5	x: 5.45 m η = 6.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 35.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 35.6**
N134/N90	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.9	η = 6.9	x: 5.45 m η = 30.3	x: 0.05 m η = 1.5	x: 5.45 m η = 6.1	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 36.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 36.5**
N90/N46	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.7	η = 7.4	x: 5.45 m η = 30.0	x: 0.05 m η = 3.2	x: 5.45 m η = 6.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 36.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 36.0**
N46/N7	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 7.9	x: 0.05 m η = 21.1	x: 0.05 m η = 2.5	x: 0.05 m η = 4.7	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 21.2	η < 0.1	η = 0.2	x: 0.05 m η = 2.4	η < 0.1	**CUMPLE η = 21.2**
N353/N400	x: 0 m $\bar{\lambda} < 2.0$ Cumple	x: 0.273 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 5.46 m η < 0.1	x: 0 m η < 0.1	x: 5.46 m η = 4.4	x: 5.46 m η = 7.0	x: 5.46 m η = 0.6	x: 5.46 m η = 0.9	x: 0.273 m η < 0.1	x: 0.273 m η < 0.1	x: 5.46 m η = 11.6	x: 0.273 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 11.6**
N400/N399	x: 0 m $\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 4.713 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 1.9	x: 0 m η = 1.6	x: 4.715 m η = 0.5	x: 0 m η = 0.3	η < 0.1	η < 0.1	x: 0 m η = 3.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 3.5**
N399/N398	x: 0.745 m $\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 5.46 m η < 0.1	x: 0.745 m η < 0.1	x: 0.745 m η = 2.7	x: 0.745 m η = 6.5	x: 0.745 m η = 0.7	x: 0.745 m η = 1.8	η < 0.1	η < 0.1	x: 0.745 m η = 9.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 9.3**
N398/N397	x: 0 m $\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 5.46 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 3.2	x: 0 m η = 5.8	x: 0 m η = 0.6	x: 0 m η = 1.0	η < 0.1	η < 0.1	x: 0 m η = 9.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 9.0**
N397/N377	x: 0 m $\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 5.46 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 3.9	x: 0 m η = 3.6	x: 0 m η = 0.6	x: 0 m η = 0.6	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 7.5	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 7.5**
N401/N406	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.7	η = 3.2	x: 5.42 m η = 7.5	x: 5.42 m η = 26.7	x: 5.42 m η = 1.2	x: 5.42 m η = 4.6	η < 0.1	η < 0.1	x: 5.42 m η = 36.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 36.8**
N406/N405	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.1	η = 3.7	x: 0 m η = 7.5	x: 0 m η = 26.7	x: 0 m η = 1.1	x: 0 m η = 4.0	η < 0.1	η < 0.1	x: 0 m η = 37.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 37.3**
N405/N404	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 4.2	x: 0 m η = 5.5	x: 0 m η = 24.2	x: 0 m η = 1.0	x: 0 m η = 3.9	η < 0.1	η < 0.1	x: 0 m η = 33.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.2**
N404/N403	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.3	η = 5.2	x: 5.42 m η = 6.0	x: 5.42 m η = 20.1	x: 5.42 m η = 0.9	x: 0 m η = 3.1	η < 0.1	η < 0.1	x: 5.42 m η = 30.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 30.5**
N403/N402	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.6	η = 6.8	x: 0 m η = 6.0	x: 0 m η = 20.1	x: 0 m η = 1.0	x: 0 m η = 3.1	η < 0.1	η < 0.1	x: 0 m η = 31.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 31.8**
N407/N412	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 0.9	x: 5.42 m η = 5.3	x: 5.42 m η = 15.1	x: 5.42 m η = 0.9	x: 5.42 m η = 2.5	η < 0.1	η < 0.1	x: 5.42 m η = 21.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 21.8**
N412/N411	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.0	η = 3.4	x: 0 m η = 5.3	x: 0 m η = 15.1	x: 0 m η = 0.8	x: 0 m η = 2.2	η < 0.1	η < 0.1	x: 0 m η = 24.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 24.4**
N411/N410	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.9	η = 4.4	x: 0 m η = 4.0	x: 0 m η = 12.2	x: 0 m η = 0.7	x: 0 m η = 2.1	x: 0 m η < 0.1	η < 0.1	x: 0 m η = 21.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 21.1**
N410/N409	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.9	η = 3.9	x: 5.42 m η = 5.3	x: 5.42 m η = 16.1	x: 5.42 m η = 0.8	x: 5.42 m η = 2.2	η < 0.1	η < 0.1	x: 5.42 m η = 25.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 25.0**
N409/N408	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.0	η = 3.7	x: 0 m η = 5.3	x: 0 m η = 16.1	x: 0 m η = 0.9	x: 0 m η = 2.5	η < 0.1	η < 0.1	x: 0 m η = 24.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 24.2**
N376/N351	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 21.9	x: 0.056 m η = 12.0	x: 0.056 m η = 54.9	x: 6.076 m η = 3.3	x: 0.056 m η = 5.4	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 75.3	η < 0.1	η = 1.8	x: 0.056 m η = 2.8	η < 0.1	**CUMPLE η = 75.3**
N351/N393	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.018 m η = 14.3	x: 0.056 m η = 10.2	x: 6.02 m η = 53.4	x: 0.056 m η = 3.2	x: 6.02 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 6.02 m η = 65.2	η < 0.1	η = 1.4	x: 6.02 m η = 2.9	η < 0.1	**CUMPLE η = 65.2**
N393/N347	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 9.8	x: 0.112 m η = 12.8	x: 0.112 m η = 60.1	x: 6.076 m η = 2.9	x: 0.112 m η = 5.7	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.112 m η = 72.4	η < 0.1	η = 1.1	x: 0.112 m η = 3.0	η < 0.1	**CUMPLE η = 72.4**
N347/N389	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.018 m η = 11.6	x: 0.056 m η = 6.3	x: 6.02 m η = 60.9	x: 0.056 m η = 3.1	x: 6.02 m η = 5.8	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 6.02 m η = 69.2	η < 0.1	η = 1.0	x: 6.02 m η = 3.0	η < 0.1	**CUMPLE η = 69.2**
N389/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 2.6	x: 0.112 m η = 4.9	x: 0.112 m η = 63.6	x: 0.112 m η = 2.8	x: 0.112 m η = 5.8	x: 0.112 m η = 0.4	η < 0.1	η < 0.1	x: 0.112 m η = 68.9	η < 0.1	η = 0.1	x: 0.112 m η = 3.0	η < 0.1	**CUMPLE η = 68.9**
N386/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 10.7	x: 0.112 m η = 7.7	x: 0.112 m η = 63.1	x: 0.112 m η = 2.7	x: 0.112 m η = 5.8	x: 0.112 m η = 0.4	η < 0.1	η < 0.1	x: 0.112 m η = 76.2	η < 0.1	η = 0.1	x: 0.112 m η = 5.1	x: 0.112 m η = 0.4	**CUMPLE η = 76.2**
N340/N386	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.018 m η = 14.0	x: 0.056 m η = 14.6	x: 6.02 m η = 59.5	x: 0.056 m η = 2.8	x: 6.02 m η = 5.8	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 6.02 m η = 75.9	η < 0.1	η = 1.2	x: 6.02 m η = 3.1	η < 0.1	**CUMPLE η = 75.9**
N382/N340	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 17.9	x: 0.112 m η = 16.1	x: 0.112 m η = 61.8	x: 6.076 m η = 2.6	x: 0.112 m η = 5.7	x: 0.112 m η = 0.4	η < 0.1	η < 0.1	x: 0.112 m η = 82.1	η < 0.1	η = 1.8	x: 0.112 m η = 3.0	x: 0.112 m η = 0.4	**CUMPLE η = 82.1**
N336/N382	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.018 m η = 20.4	x: 0.056 m η = 15.3	x: 6.02 m η = 53.4	x: 0.056 m η = 2.8	x: 6.02 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 6.02 m η = 70.5	η < 0.1	η = 1.6	x: 6.02 m η = 2.9	η < 0.1	**CUMPLE η = 70.5**
N354/N336	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 10.7	x: 0.056 m η = 14.9	x: 0.056 m η = 52.8	x: 6.076 m η = 2.8	x: 0.056 m η = 5.3	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 66.1	η < 0.1	η = 2.4	x: 0.056 m η = 2.8	η < 0.1	**CUMPLE η = 66.1**
N8/N87	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 29.8	x: 0.056 m η = 12.5	x: 0.056 m η = 61.1	x: 6.076 m η = 3.2	x: 0.056 m η = 5.6	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 93.0	η < 0.1	η = 1.8	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 93.0**
N87/N42	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 15.3	x: 0.056 m η = 22.5	x: 0.056 m η = 52.5	x: 0.056 m η = 3.6	x: 0.056 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 78.6	η < 0.1	η = 0.7	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 78.6**
N42/N83	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 16.6	x: 0.056 m η = 13.1	x: 6.076 m η = 50.9	x: 6.076 m η = 2.9	x: 6.076 m η = 5.5	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 6.076 m η = 70.2	η < 0.1	η = 2.2	x: 6.076 m η = 2.9	η < 0.1	**CUMPLE η = 70.2**
N83/N28	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 12.9	x: 0.056 m η = 14.0	x: 0.056 m η = 49.8	x: 0.056 m η = 3.5	x: 0.056 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 67.0	η < 0.1	η = 1.3	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 67.0**
N28/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 4.4	x: 0.056 m η = 5.2	x: 6.076 m η = 49.5	x: 6.076 m η = 2.6	x: 6.076 m η = 5.5	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 6.076 m η = 56.2	η < 0.1	η = 1.7	x: 6.076 m η = 2.9	η < 0.1	**CUMPLE η = 56.2**
N16/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 7.3	x: 0.056 m η = 5.7	x: 6.076 m η = 49.5	x: 6.076 m η = 2.7	x: 6.076 m η = 5.5	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 6.076 m η = 59.4	η < 0.1	η = 1.7	x: 6.076 m η = 2.9	η < 0.1	**CUMPLE η = 59.4**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N76/N16	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 14.5	x: 0.056 m η = 16.6	x: 0.056 m η = 49.7	x: 0.056 m η = 3.6	x: 0.056 m η = 5.5	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 69.9	η < 0.1	η = 1.3	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 69.9**
N20/N76	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 19.0	x: 0.056 m η = 15.6	x: 6.076 m η = 50.8	x: 6.076 m η = 3.0	x: 6.076 m η = 5.5	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 6.076 m η = 72.8	η < 0.1	η = 2.3	x: 6.076 m η = 2.9	η < 0.1	**CUMPLE η = 72.8**
N72/N20	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 17.7	x: 0.056 m η = 22.7	x: 0.056 m η = 52.1	x: 0.056 m η = 3.6	x: 0.056 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 78.4	η < 0.1	η = 0.8	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 78.4**
N7/N72	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 17.9	x: 0.056 m η = 11.8	x: 0.056 m η = 59.7	x: 6.076 m η = 3.1	x: 0.056 m η = 5.6	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 79.9	η < 0.1	η = 2.5	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 79.9**
N413/N414	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.4	η = 0.5	x: 5.42 m η = 3.4	x: 5.42 m η = 11.7	x: 5.42 m η = 0.6	x: 5.42 m η = 2.7	η < 0.1	η < 0.1	x: 5.42 m η = 15.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 15.5**
N414/N399	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.6	η = 0.7	x: 0 m η = 3.4	x: 0 m η = 11.7	x: 0 m η = 0.5	x: 0 m η = 2.0	η < 0.1	η < 0.1	x: 0 m η = 15.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 15.6**
N398/N404	$\bar{\lambda} < 2.0$ Cumple	x: 0.184 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.47 m η = 2.4	x: 0 m η = 3.8	x: 1.47 m η = 17.7	x: 1.47 m η = 5.5	η = 5.4	η = 0.3	x: 0.184 m η < 0.1	x: 0.184 m η < 0.1	x: 1.47 m η = 25.6	x: 0.184 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 25.6**
N404/N410	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 2.5	x: 0 m η = 4.2	x: 2.55 m η = 31.5	x: 2.55 m η = 6.9	η = 3.9	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 41.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.5**
N410/N389	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.428 m η = 2.6	x: 0 m η = 3.1	x: 0 m η = 29.4	x: 0 m η = 6.9	η = 6.0	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 38.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 38.4**
N399/N405	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.13 m η = 2.2	x: 0.09 m η = 4.1	x: 0.09 m η = 26.7	x: 2.13 m η = 3.9	η = 7.7	η = 0.1	η < 0.1	η < 0.1	x: 0.09 m η = 33.0	η < 0.1	η = 0.1	η = 1.2	η < 0.1	**CUMPLE η = 33.0**
N405/N411	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 2.3	x: 0 m η = 4.1	x: 2.55 m η = 32.7	x: 2.55 m η = 5.1	η = 3.6	η = 0.3	η < 0.1	η < 0.1	x: 2.55 m η = 40.7	η < 0.1	η = 0.1	η = 2.8	η = 0.2	**CUMPLE η = 40.7**
N411/N386	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.428 m η = 2.4	x: 0 m η = 3.0	x: 0.429 m η = 31.9	x: 0.429 m η = 9.9	η = 5.5	η = 1.0	η < 0.1	η < 0.1	x: 0.429 m η = 42.7	η < 0.1	η = 0.1	η = 4.9	η = 0.9	**CUMPLE η = 42.7**
N400/N414	$\bar{\lambda} < 2.0$ Cumple	x: 0.165 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.66 m η = 1.3	x: 0 m η = 3.0	x: 0.66 m η = 9.0	x: 0.66 m η = 1.9	η = 6.1	η = 0.2	x: 0.165 m η < 0.1	x: 0.165 m η < 0.1	x: 0.66 m η = 13.6	x: 0.165 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 13.6**
N414/N406	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.13 m η = 1.5	x: 0 m η = 3.2	x: 2.13 m η = 27.1	x: 2.13 m η = 3.7	η = 3.5	η = 0.1	η < 0.1	η < 0.1	x: 2.13 m η = 33.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.1**
N406/N412	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 1.7	x: 0 m η = 3.1	x: 0 m η = 27.6	x: 2.55 m η = 5.2	η = 4.4	η = 0.3	η < 0.1	η < 0.1	x: 0 m η = 33.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.6**
N412/N382	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.268 m η = 1.8	x: 0 m η = 2.2	x: 0.269 m η = 24.1	x: 0.269 m η = 11.7	η = 6.8	η = 2.1	η < 0.1	η < 0.1	x: 0.269 m η = 37.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 37.5**
N397/N403	$\bar{\lambda} < 2.0$ Cumple	x: 0.203 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.81 m η = 2.0	x: 0 m η = 3.1	x: 0.81 m η = 10.4	x: 0.81 m η = 6.8	η = 5.8	η = 0.7	x: 0.203 m η < 0.1	x: 0.203 m η < 0.1	x: 0.81 m η = 18.8	x: 0.203 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 18.8**
N403/N409	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 2.2	x: 0 m η = 3.7	x: 2.55 m η = 26.4	x: 2.55 m η = 7.6	η = 3.4	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 36.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 36.4**
N409/N393	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.268 m η = 2.3	x: 0 m η = 2.7	x: 0 m η = 24.6	x: 0.269 m η = 8.5	η = 5.9	η = 0.4	η < 0.1	η < 0.1	x: 0.269 m η = 33.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.8**
N419/N418	$\bar{\lambda} < 2.0$ Cumple	x: 0.344 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 41.2	x: 5.5 m η = 5.8	x: 5.5 m η = 17.5	x: 5.5 m η = 0.9	x: 5.5 m η = 2.8	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 57.1	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 57.1**
N418/N417	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.3	η = 41.3	x: 0 m η = 5.8	x: 0 m η = 17.5	x: 0 m η = 0.8	x: 0 m η = 2.5	η < 0.1	η < 0.1	x: 0 m η = 57.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 57.2**
N417/N416	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 41.1	x: 5.5 m η = 5.8	x: 5.5 m η = 18.6	x: 5.5 m η = 0.8	x: 5.5 m η = 2.5	η < 0.1	η < 0.1	x: 5.5 m η = 57.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 57.3**
N416/N415	$\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 37.2	x: 0 m η = 5.8	x: 0 m η = 18.6	x: 0 m η = 0.9	x: 0 m η = 2.8	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 53.2	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 53.2**
N427/N426	$\bar{\lambda} < 2.0$ Cumple	x: 0.344 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.9	x: 5.5 m η = 5.9	x: 5.5 m η = 18.1	x: 5.5 m η = 1.0	x: 5.5 m η = 2.9	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 68.6	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**
N426/N425	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.9	x: 0 m η = 5.9	x: 0 m η = 18.1	x: 0 m η = 0.8	x: 0 m η = 2.5	η < 0.1	η < 0.1	x: 0 m η = 68.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**
N425/N424	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.8	x: 5.5 m η = 5.9	x: 5.5 m η = 18.1	x: 5.5 m η = 0.8	x: 5.5 m η = 2.5	η < 0.1	η < 0.1	x: 5.5 m η = 68.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**
N424/N423	$\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 49.9	x: 0 m η = 5.9	x: 0 m η = 18.1	x: 0 m η = 1.0	x: 0 m η = 2.9	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 66.6	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 66.6**
N408/N422	$\bar{\lambda} < 2.0$ Cumple	x: 0.344 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.4	η = 36.2	x: 5.5 m η = 5.8	x: 5.5 m η = 20.1	x: 5.5 m η = 0.9	x: 5.5 m η = 2.8	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 52.6	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 52.6**
N422/N421	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.7	η = 40.3	x: 0 m η = 5.8	x: 0 m η = 20.1	x: 0 m η = 0.8	x: 0 m η = 2.6	η < 0.1	η < 0.1	x: 0 m η = 56.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 56.8**
N421/N420	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.3	η = 40.8	x: 5.5 m η = 5.8	x: 5.5 m η = 17.6	x: 5.5 m η = 0.8	x: 5.5 m η = 2.5	η < 0.1	η < 0.1	x: 5.5 m η = 56.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 56.7**
N420/N419	$\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 41.0	x: 0 m η = 5.8	x: 0 m η = 17.6	x: 0 m η = 0.9	x: 0 m η = 2.8	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 56.9	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 56.9**
N402/N430	$\bar{\lambda} < 2.0$ Cumple	x: 0.344 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 49.9	x: 5.5 m η = 5.9	x: 5.5 m η = 18.1	x: 5.5 m η = 1.0	x: 5.5 m η = 2.9	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 66.6	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 66.6**
N430/N429	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.8	x: 0 m η = 5.9	x: 0 m η = 18.1	x: 0 m η = 0.8	x: 0 m η = 2.5	η < 0.1	η < 0.1	x: 0 m η = 68.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N429/N428	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.9	x: 5.5 m η = 5.9	x: 5.5 m η = 18.1	x: 5.5 m η = 0.8	x: 5.5 m η = 2.5	η < 0.1	η < 0.1	x: 5.5 m η = 68.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**
N428/N427	$\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.9	x: 0 m η = 5.9	x: 0 m η = 18.1	x: 0 m η = 1.0	x: 0 m η = 2.9	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 68.6	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**

Notación:
$\bar{\lambda}$: Limitación de esbeltez
λ_w: Abolladura del alma inducida por el ala comprimida
N_t: Resistencia a tracción
N_c: Resistencia a compresión
M_Y: Resistencia a flexión eje Y
M_Z: Resistencia a flexión eje Z
V_Z: Resistencia a corte Z
V_Y: Resistencia a corte Y
M_YV_Z: Resistencia a momento flector Y y fuerza cortante Z combinados
M_ZV_Y: Resistencia a momento flector Z y fuerza cortante Y combinados
NM_YM_Z: Resistencia a flexión y axil combinados
$NM_YM_ZV_YV_Z$: Resistencia a flexión, axil y cortante combinados
M_t: Resistencia a torsión
M_tV_Z: Resistencia a cortante Z y momento torsor combinados
M_tV_Y: Resistencia a cortante Y y momento torsor combinados
x: Distancia al origen de la barra
η: Coeficiente de aprovechamiento (%)
N.P.: No procede

Comprobaciones que no proceden (N.P.):
(1) La comprobación no procede, ya que no hay momento torsor.
(2) No hay interacción entre momento torsor y esfuerzo cortante para ninguna combinación. Por lo tanto, la comprobación no procede.
(3) La comprobación no procede, ya que no hay axil de tracción.

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N1/N7	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 12.7	x: 6.109 m η = 43.4	x: 0 m η = 10.2	η = 7.6	η = 0.4	η < 0.1	η < 0.1	x: 6.109 m η = 58.3	η < 0.1	η = 0.1	η = 0.7	η = 0.3	**CUMPLE η = 58.3**
N7/N2	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 29.8	x: 0.091 m η = 1.8	η = 9.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 31.6	η < 0.1	η = 1.6	η = 5.8	η < 0.1	**CUMPLE η = 31.6**
N2/N25	η = 8.9	η = 0.8	x: 1.306 m η = 8.4	x: 1.306 m η = 1.7	x: 1.306 m η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 1.306 m η = 19.1	η < 0.1	η = 8.7	x: 1.306 m η = 1.4	η = 0.2	**CUMPLE η = 19.1**
N25/N23	N_{Ed} = 0.00 N.P.(1)	η = 1.0	x: 0.049 m η = 11.0	x: 1.306 m η = 3.2	x: 0.049 m η = 2.3	η = 0.5	η < 0.1	η < 0.1	x: 0.049 m η = 11.9	η < 0.1	η = 8.8	x: 0.049 m η = 1.7	η = 0.3	**CUMPLE η = 11.9**
N23/N21	N_{Ed} = 0.00 N.P.(1)	η = 14.1	x: 1.306 m η = 4.9	x: 1.306 m η = 4.2	x: 0.049 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 1.306 m η = 23.2	η < 0.1	η = 8.6	x: 0.049 m η = 0.7	η = 0.3	**CUMPLE η = 23.2**
N21/N19	N_{Ed} = 0.00 N.P.(1)	η = 25.7	x: 1.305 m η = 6.7	x: 1.305 m η = 5.0	x: 0.049 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 37.3	η < 0.1	η = 7.5	x: 0.049 m η = 0.8	η = 0.2	**CUMPLE η = 37.3**
N19/N9	η = 0.3	η = 37.3	x: 1.305 m η = 6.9	x: 0.05 m η = 3.6	x: 0.05 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 47.7	η < 0.1	η = 7.2	x: 0.05 m η = 0.7	η < 0.1	**CUMPLE η = 47.7**
N9/N11	η = 0.4	η = 46.5	x: 1.304 m η = 7.5	x: 0.05 m η = 1.5	x: 0.05 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 54.5	η < 0.1	η = 6.0	x: 0.05 m η = 0.7	η = 0.1	**CUMPLE η = 54.5**
N11/N13	η = 0.7	η = 55.4	x: 1.304 m η = 7.2	x: 1.304 m η = 0.8	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 63.5	η < 0.1	η = 3.5	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 63.5**
N13/N15	η = 0.9	η = 62.9	x: 1.304 m η = 9.2	x: 1.304 m η = 2.8	x: 0.051 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 74.9	η < 0.1	η = 2.1	x: 0.051 m η = 0.7	η = 0.2	**CUMPLE η = 74.9**
N15/N17	η = 1.5	η = 70.0	x: 1.094 m η = 7.7	x: 0.051 m η = 2.5	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.468 m η = 79.3	η < 0.1	η = 2.5	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 79.3**
N17/N6	η = 1.6	η = 74.4	x: 1.303 m η = 14.6	x: 1.303 m η = 2.7	x: 0.052 m η = 1.4	η = 0.4	η < 0.1	η < 0.1	x: 1.303 m η = 91.7	η < 0.1	η = 1.7	x: 0.052 m η = 0.9	η = 0.2	**CUMPLE η = 91.7**
N6/N29	η = 1.7	η = 75.1	x: 0.052 m η = 14.4	x: 0.052 m η = 2.6	x: 1.303 m η = 1.3	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 92.2	η < 0.1	η = 2.1	x: 1.303 m η = 0.9	η = 0.2	**CUMPLE η = 92.2**
N29/N27	η = 1.7	η = 71.5	x: 0.469 m η = 7.7	x: 1.304 m η = 2.5	x: 1.304 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.887 m η = 81.0	η < 0.1	η = 3.0	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 81.0**
N27/N31	η = 1.3	η = 65.1	x: 0.051 m η = 9.3	x: 0.051 m η = 2.9	x: 1.304 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 77.3	η < 0.1	η = 2.5	x: 1.304 m η = 0.6	η = 0.2	**CUMPLE η = 77.3**
N31/N33	η = 1.1	η = 58.3	x: 0.051 m η = 7.4	x: 0.051 m η = 0.9	x: 1.304 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 66.5	η < 0.1	η = 4.0	x: 1.304 m η = 0.5	η = 0.1	**CUMPLE η = 66.5**
N33/N35	η = 0.8	η = 50.0	x: 0.051 m η = 7.7	x: 1.305 m η = 1.7	x: 1.305 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 58.3	η < 0.1	η = 6.7	x: 1.305 m η = 0.6	η = 0.1	**CUMPLE η = 58.3**
N35/N41	η = 0.8	η = 41.4	x: 0.05 m η = 7.1	x: 1.303 m η = 3.9	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 52.4	η < 0.1	η = 8.2	x: 1.305 m η = 0.7	η < 0.1	**CUMPLE η = 52.4**
N41/N39	η = 0.4	η = 30.4	x: 0.05 m η = 7.1	x: 0.05 m η = 5.5	x: 1.306 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 43.0	η < 0.1	η = 8.8	x: 1.306 m η = 0.8	η = 0.2	**CUMPLE η = 43.0**
N39/N37	η = 0.3	η = 19.3	x: 0.049 m η = 5.2	x: 0.049 m η = 5.0	x: 1.306 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.049 m η = 29.6	η < 0.1	η = 10.1	x: 1.306 m η = 0.7	η = 0.3	**CUMPLE η = 29.6**
N37/N44	η < 0.1	η = 6.7	x: 1.306 m η = 7.3	x: 0.049 m η = 3.9	x: 1.306 m η = 1.9	η = 0.6	η < 0.1	η < 0.1	x: 0.049 m η = 16.2	η < 0.1	η = 10.4	x: 1.306 m η = 1.4	η = 0.4	**CUMPLE η = 16.2**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N44/N3	η = 3.4	η = 0.7	x: 1.225 m η = 5.8	x: 0.049 m η = 2.1	x: 1.225 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 1.225 m η = 9.8	η < 0.1	η = 10.5	x: 1.225 m η = 0.4	η = 0.3	**CUMPLE η = 10.5**
N4/N423	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 4.5	x: 0.15 m η = 8.7	x: 0 m η = 47.4	η = 3.4	η = 20.2	η < 0.1	η < 0.1	x: 0 m η = 54.0	η < 0.1	η = 0.2	η = 2.3	η = 20.2	**CUMPLE η = 54.0**
N423/N415	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 4.9	x: 2.55 m η = 20.6	x: 2.55 m η = 25.9	η = 3.7	η = 1.9	η < 0.1	η < 0.1	x: 2.55 m η = 42.7	η < 0.1	η = 0.2	η = 2.3	η = 1.9	**CUMPLE η = 42.7**
N415/N8	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 4.2	x: 0.109 m η = 21.2	x: 0 m η = 25.9	η = 4.2	η = 9.6	η < 0.1	η < 0.1	x: 0 m η = 42.6	η < 0.1	η = 0.2	η = 2.3	η = 9.7	**CUMPLE η = 42.6**
N8/N3	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 0.2	x: 0.091 m η = 12.3	x: 0.091 m η = 2.1	η = 3.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 14.6	η < 0.1	η = 2.0	η = 2.5	η < 0.1	**CUMPLE η = 14.6**
N5/N6	x: 1.51 m η = 17.9	x: 0.091 m η = 2.5	x: 1.51 m η = 0.5	x: 1.51 m η = 8.0	η = 0.1	η = 1.1	η < 0.1	η < 0.1	x: 1.51 m η = 26.3	η < 0.1	η = 0.1	η < 0.1	η = 0.6	**CUMPLE η = 26.3**
N7/N26	x: 1.304 m η = 0.2	x: 0.131 m η = 1.7	x: 0.131 m η = 90.7	x: 0.131 m η = 3.2	x: 0.131 m η = 15.4	η = 0.6	η < 0.1	η < 0.1	x: 0.131 m η = 95.6	η < 0.1	η = 14.6	x: 0.131 m η = 10.9	η = 0.5	**CUMPLE η = 95.6**
N26/N24	x: 1.303 m η = 11.9	x: 0.05 m η = 1.7	x: 0.05 m η = 15.4	x: 1.305 m η = 2.6	x: 1.305 m η = 2.0	η = 0.7	η < 0.1	η < 0.1	x: 0.05 m η = 29.3	η < 0.1	η = 14.0	x: 1.305 m η = 1.5	η = 0.5	**CUMPLE η = 29.3**
N24/N22	x: 1.303 m η = 23.4	x: 0.051 m η = 1.8	x: 1.305 m η = 4.3	x: 0.051 m η = 1.4	x: 0.051 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 28.4	η < 0.1	η = 10.0	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 28.4**
N22/N20	x: 1.303 m η = 35.1	x: 0.051 m η = 2.2	x: 1.305 m η = 7.2	x: 0.051 m η = 1.5	x: 0.051 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 42.4	η < 0.1	η = 12.0	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 42.4**
N20/N10	x: 1.302 m η = 58.3	x: 0.051 m η = 7.1	x: 0.886 m η = 5.1	x: 0.051 m η = 3.7	x: 0.051 m η = 0.4	η = 0.7	η < 0.1	η < 0.1	x: 0.051 m η = 66.3	η < 0.1	η = 0.7	x: 0.051 m η = 0.3	η = 0.4	**CUMPLE η = 66.3**
N10/N12	x: 1.302 m η = 67.3	x: 0.052 m η = 7.4	x: 1.304 m η = 8.6	x: 1.304 m η = 4.8	x: 0.052 m η = 1.2	η = 0.8	η < 0.1	η < 0.1	x: 1.304 m η = 80.7	η < 0.1	η = 1.5	x: 0.052 m η = 0.8	η = 0.5	**CUMPLE η = 80.7**
N12/N14	x: 1.301 m η = 74.8	x: 0.052 m η = 7.6	x: 1.094 m η = 6.1	x: 0.052 m η = 1.9	x: 0.052 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.469 m η = 81.7	η < 0.1	η = 5.0	x: 0.052 m η = 0.3	η = 0.2	**CUMPLE η = 81.7**
N14/N16	x: 1.301 m η = 81.9	x: 0.053 m η = 8.1	x: 1.303 m η = 10.8	x: 1.303 m η = 2.5	x: 0.053 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 95.2	η < 0.1	η = 6.4	x: 0.053 m η = 0.9	η = 0.2	**CUMPLE η = 95.2**
N16/N18	x: 1.3 m η = 49.0	x: 0.053 m η = 5.5	x: 0.053 m η = 4.5	x: 0.053 m η = 2.1	x: 1.302 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 55.5	η < 0.1	η = 1.3	x: 1.302 m η = 0.3	η = 0.3	**CUMPLE η = 55.5**
N18/N5	x: 1.313 m η = 50.6	x: 0.054 m η = 5.6	x: 1.315 m η = 8.9	x: 1.315 m η = 3.8	x: 0.054 m η = 1.0	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 63.2	η < 0.1	η = 1.2	x: 0.054 m η = 0.7	η = 0.3	**CUMPLE η = 63.2**
N8/N43	x: 1.304 m η = 8.8	x: 0.131 m η = 2.3	x: 0.131 m η = 56.6	x: 0.131 m η = 3.2	x: 0.131 m η = 9.8	η = 0.8	η < 0.1	η < 0.1	x: 0.131 m η = 68.6	η < 0.1	η = 18.2	x: 0.131 m η = 7.4	η = 0.2	**CUMPLE η = 68.6**
N43/N38	x: 1.303 m η = 21.6	x: 0.05 m η = 2.6	x: 0.05 m η = 8.6	x: 1.305 m η = 3.5	x: 1.305 m η = 0.9	η = 0.9	η < 0.1	η < 0.1	x: 0.05 m η = 32.2	η < 0.1	η = 17.7	x: 1.305 m η = 0.8	η = 0.2	**CUMPLE η = 32.2**
N38/N40	x: 1.303 m η = 32.7	x: 0.051 m η = 2.7	x: 1.305 m η = 4.4	x: 0.051 m η = 1.9	x: 0.051 m η = 1.0	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 37.8	η < 0.1	η = 10.5	x: 0.051 m η = 0.8	η = 0.3	**CUMPLE η = 37.8**
N40/N42	x: 1.303 m η = 43.7	x: 0.051 m η = 3.1	x: 1.305 m η = 7.6	x: 0.051 m η = 1.3	x: 0.051 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 51.4	η < 0.1	η = 12.9	x: 0.051 m η = 0.9	η = 0.3	**CUMPLE η = 51.4**
N42/N36	x: 1.302 m η = 64.3	x: 0.051 m η = 7.7	x: 0.886 m η = 5.5	x: 0.051 m η = 3.6	x: 0.051 m η = 0.4	η = 0.7	η < 0.1	η < 0.1	x: 0.051 m η = 72.8	η < 0.1	η = 0.9	x: 0.051 m η = 0.3	η = 0.5	**CUMPLE η = 72.8**
N36/N34	x: 1.302 m η = 72.6	x: 0.052 m η = 8.0	x: 1.304 m η = 8.8	x: 1.304 m η = 4.9	x: 0.052 m η = 1.2	η = 0.8	η < 0.1	η < 0.1	x: 1.304 m η = 86.2	η < 0.1	η = 1.9	x: 0.052 m η = 0.8	η = 0.5	**CUMPLE η = 86.2**
N34/N32	x: 1.301 m η = 79.4	x: 0.052 m η = 8.1	x: 1.094 m η = 6.3	x: 0.052 m η = 2.1	x: 0.052 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.26 m η = 86.9	η < 0.1	η = 5.2	x: 0.052 m η = 0.3	η = 0.1	**CUMPLE η = 86.9**
N32/N28	x: 1.301 m η = 85.8	x: 0.053 m η = 8.5	x: 1.303 m η = 10.9	x: 1.303 m η = 2.6	x: 0.053 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 99.3	η < 0.1	η = 6.6	x: 0.053 m η = 0.8	η = 0.1	**CUMPLE η = 99.3**
N28/N30	x: 1.3 m η = 49.4	x: 0.053 m η = 5.5	x: 0.053 m η = 4.7	x: 0.053 m η = 2.1	x: 1.302 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 56.1	η < 0.1	η = 1.2	x: 1.302 m η = 0.3	η = 0.3	**CUMPLE η = 56.1**
N30/N5	x: 1.313 m η = 50.6	x: 0.054 m η = 5.6	x: 1.315 m η = 8.8	x: 1.315 m η = 3.8	x: 0.054 m η = 1.0	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 63.2	η < 0.1	η = 1.1	x: 0.054 m η = 0.7	η = 0.3	**CUMPLE η = 63.2**
N16/N15	x: 1.59 m η = 22.7	x: 0.091 m η = 2.6	x: 1.59 m η = 9.0	x: 0.091 m η = 12.5	η = 1.2	η = 1.0	η < 0.1	η < 0.1	x: 0.091 m η = 43.8	η < 0.1	η = 1.4	η = 0.8	η = 0.6	**CUMPLE η = 43.8**
N18/N17	x: 1.55 m η = 12.1	x: 0.091 m η = 0.8	x: 0.091 m η = 7.9	x: 1.55 m η = 4.1	η = 1.1	η = 0.2	x: 0.091 m η < 0.1	η < 0.1	x: 1.55 m η = 24.1	η < 0.1	η = 1.2	η = 0.7	η = 0.1	**CUMPLE η = 24.1**
N14/N13	x: 1.63 m η = 23.8	x: 0.091 m η = 1.5	x: 1.63 m η = 11.2	x: 0.091 m η = 3.4	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 38.1	η < 0.1	η = 1.5	η = 1.0	η < 0.1	**CUMPLE η = 38.1**
N12/N11	x: 1.67 m η = 29.6	x: 0.091 m η = 2.0	x: 1.67 m η = 12.3	x: 1.67 m η = 6.5	η = 1.6	η = 0.6	η < 0.1	η < 0.1	x: 1.67 m η = 48.4	η < 0.1	η = 1.9	η = 1.1	η = 0.3	**CUMPLE η = 48.4**
N10/N9	x: 1.71 m η = 30.9	x: 0.091 m η = 1.0	x: 1.71 m η = 13.7	x: 1.71 m η = 5.6	η = 1.7	η = 0.2	η < 0.1	η < 0.1	x: 1.71 m η = 50.2	η < 0.1	η = 3.3	η = 1.2	η = 0.1	**CUMPLE η = 50.2**
N26/N25	x: 1.87 m η = 32.1	x: 0.091 m η = 0.1	x: 0.091 m η = 23.9	x: 0.091 m η = 2.3	η = 2.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.1	η < 0.1	η = 6.3	η = 1.7	η = 0.1	**CUMPLE η = 58.1**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N24/N23	x: 1.83 m η = 49.7	x: 0.091 m η = 2.2	x: 1.83 m η = 17.3	x: 0.091 m η = 6.6	η = 2.0	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 72.4	η < 0.1	η = 5.8	η = 1.4	η = 0.2	**CUMPLE η = 72.4**
N22/N21	x: 1.79 m η = 40.7	x: 0.091 m η = 1.4	x: 1.79 m η = 17.1	x: 0.091 m η = 6.3	η = 2.1	η = 0.2	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 64.0	η < 0.1	η = 5.2	η = 1.4	η = 0.1	**CUMPLE η = 64.0**
N20/N19	x: 1.75 m η = 40.6	x: 0.091 m η = 2.6	x: 1.75 m η = 15.4	x: 0.091 m η = 14.1	η = 1.9	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 69.8	η < 0.1	η = 4.1	η = 1.3	η = 0.5	**CUMPLE η = 69.8**
N28/N27	x: 1.59 m η = 20.4	x: 0.091 m η = 2.5	x: 1.59 m η = 8.1	x: 0.091 m η = 12.6	η = 1.1	η = 1.0	η < 0.1	η < 0.1	x: 0.091 m η = 40.8	η < 0.1	η = 1.6	η = 0.7	η = 0.6	**CUMPLE η = 40.8**
N30/N29	x: 1.55 m η = 9.8	x: 0.091 m η = 0.6	x: 0.091 m η = 6.9	x: 1.55 m η = 4.2	η = 1.0	η = 0.2	x: 0.091 m η < 0.1	η < 0.1	x: 1.55 m η = 20.9	η < 0.1	η = 1.4	η = 0.6	η = 0.1	**CUMPLE η = 20.9**
N32/N31	x: 1.63 m η = 21.5	x: 0.091 m η = 1.4	x: 1.63 m η = 10.4	x: 0.091 m η = 3.5	η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 35.2	η < 0.1	η = 1.6	η = 0.9	η < 0.1	**CUMPLE η = 35.2**
N34/N33	x: 1.67 m η = 27.4	x: 0.091 m η = 1.9	x: 1.67 m η = 11.5	x: 1.67 m η = 7.0	η = 1.5	η = 0.6	η < 0.1	η < 0.1	x: 1.67 m η = 45.9	η < 0.1	η = 2.2	η = 1.0	η = 0.3	**CUMPLE η = 45.9**
N36/N35	x: 1.71 m η = 28.8	x: 0.091 m η = 0.8	x: 1.71 m η = 12.8	x: 1.71 m η = 6.4	η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.71 m η = 48.0	η < 0.1	η = 3.6	η = 1.1	η = 0.1	**CUMPLE η = 48.0**
N38/N37	x: 1.83 m η = 46.7	x: 0.091 m η = 2.0	x: 1.83 m η = 16.9	x: 0.091 m η = 9.8	η = 2.0	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 72.5	η < 0.1	η = 6.9	η = 1.3	η = 0.3	**CUMPLE η = 72.5**
N40/N39	x: 1.79 m η = 38.9	x: 0.091 m η = 1.3	x: 1.79 m η = 16.4	x: 0.091 m η = 7.4	η = 2.0	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 62.4	η < 0.1	η = 5.9	η = 1.3	η = 0.1	**CUMPLE η = 62.4**
N42/N41	x: 1.75 m η = 38.5	x: 0.091 m η = 2.5	x: 1.75 m η = 14.7	x: 0.091 m η = 15.3	η = 1.9	η = 0.9	η < 0.1	η < 0.1	x: 0.091 m η = 68.2	η < 0.1	η = 4.6	η = 1.2	η = 0.5	**CUMPLE η = 68.2**
N43/N44	x: 1.87 m η = 36.1	x: 0.091 m η = 0.6	x: 0.091 m η = 21.1	x: 0.091 m η = 3.1	η = 2.3	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 60.2	η < 0.1	η = 7.6	η = 1.6	η = 0.1	**CUMPLE η = 60.2**
N18/N6	x: 2.01 m η = 1.2	x: 0.12 m η = 12.3	x: 0.498 m η = 3.6	x: 0.12 m η = 1.3	x: 2.01 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 17.0	η < 0.1	η = 1.8	x: 2.01 m η = 0.4	η = 0.1	**CUMPLE η = 17.0**
N16/N17	x: 2.042 m η = 0.5	x: 0.119 m η = 17.7	x: 0.119 m η = 5.3	x: 0.119 m η = 6.8	x: 2.042 m η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.119 m η = 29.7	η < 0.1	η = 2.0	x: 2.042 m η = 0.5	η = 0.3	**CUMPLE η = 29.7**
N14/N15	x: 2.075 m η = 2.4	x: 0.118 m η = 29.1	x: 0.118 m η = 6.2	x: 2.075 m η = 1.1	x: 2.075 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 35.7	η < 0.1	η = 1.1	x: 2.075 m η = 0.6	η < 0.1	**CUMPLE η = 35.7**
N12/N13	x: 2.107 m η = 1.2	x: 0.117 m η = 31.2	x: 0.117 m η = 7.1	x: 0.117 m η = 3.7	x: 2.107 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.117 m η = 42.0	η < 0.1	η = 1.2	x: 2.107 m η = 0.7	η = 0.2	**CUMPLE η = 42.0**
N10/N11	x: 2.14 m η = 1.6	x: 0.116 m η = 37.8	x: 0.116 m η = 7.4	x: 0.116 m η = 1.3	x: 2.14 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 46.5	η < 0.1	η = 2.3	x: 2.14 m η = 0.7	η < 0.1	**CUMPLE η = 46.5**
N20/N9	x: 2.173 m η = 0.4	x: 0.115 m η = 39.3	x: 0.115 m η = 8.8	x: 0.115 m η = 5.6	x: 2.173 m η = 1.1	η = 0.5	η < 0.1	η < 0.1	x: 0.115 m η = 53.7	η < 0.1	η = 3.2	x: 2.173 m η = 0.8	η = 0.3	**CUMPLE η = 53.7**
N22/N19	x: 2.206 m η = 2.4	x: 0.114 m η = 50.7	x: 0.114 m η = 9.7	x: 0.114 m η = 2.0	x: 2.206 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 62.4	η < 0.1	η = 2.9	x: 2.206 m η = 0.9	η = 0.1	**CUMPLE η = 62.4**
N24/N21	x: 2.239 m η = 1.0	x: 0.113 m η = 51.1	x: 2.239 m η = 10.4	x: 0.113 m η = 2.8	x: 2.239 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 63.4	η < 0.1	η = 3.2	x: 2.239 m η = 0.9	η < 0.1	**CUMPLE η = 63.4**
N26/N23	x: 2.273 m η = 1.7	x: 0.112 m η = 59.9	x: 0.112 m η = 17.0	x: 0.112 m η = 6.8	x: 2.273 m η = 1.8	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 83.7	η < 0.1	η = 2.9	x: 2.273 m η = 1.3	η = 0.1	**CUMPLE η = 83.7**
N7/N25	N_{Ed} = 0.00 N.P.(1)	x: 0.232 m η = 44.1	x: 0.232 m η = 18.9	x: 0.232 m η = 10.0	x: 0.232 m η = 1.5	η = 0.4	η < 0.1	η < 0.1	x: 0.232 m η = 73.0	η < 0.1	η = 2.1	x: 0.232 m η = 1.0	η = 0.2	**CUMPLE η = 73.0**
N30/N6	x: 2.01 m η = 1.0	x: 0.12 m η = 9.1	x: 0.687 m η = 3.4	x: 0.12 m η = 1.4	x: 2.01 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.122 m η = 13.5	η < 0.1	η = 1.9	x: 2.01 m η = 0.3	η = 0.1	**CUMPLE η = 13.5**
N28/N29	x: 2.042 m η = 0.3	x: 0.119 m η = 14.8	x: 0.119 m η = 4.8	x: 0.119 m η = 6.7	x: 2.042 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.119 m η = 26.2	η < 0.1	η = 2.0	x: 2.042 m η = 0.5	η = 0.3	**CUMPLE η = 26.2**
N32/N27	x: 2.075 m η = 2.2	x: 0.118 m η = 26.2	x: 0.118 m η = 5.7	x: 2.075 m η = 0.9	x: 2.075 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 32.2	η < 0.1	η = 1.2	x: 2.075 m η = 0.6	η < 0.1	**CUMPLE η = 32.2**
N34/N31	x: 2.107 m η = 1.0	x: 0.117 m η = 28.4	x: 0.117 m η = 6.6	x: 0.117 m η = 3.8	x: 2.107 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.117 m η = 38.8	η < 0.1	η = 1.4	x: 2.107 m η = 0.7	η = 0.2	**CUMPLE η = 38.8**
N36/N33	x: 2.14 m η = 1.5	x: 0.116 m η = 35.0	x: 0.116 m η = 6.9	x: 0.116 m η = 1.3	x: 2.14 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 43.3	η < 0.1	η = 2.5	x: 2.14 m η = 0.7	η < 0.1	**CUMPLE η = 43.3**
N42/N35	x: 2.173 m η = 0.2	x: 0.115 m η = 36.7	x: 0.115 m η = 8.4	x: 0.115 m η = 6.0	x: 2.173 m η = 1.1	η = 0.5	η < 0.1	η < 0.1	x: 0.115 m η = 51.1	η < 0.1	η = 3.6	x: 2.173 m η = 0.8	η = 0.3	**CUMPLE η = 51.1**
N40/N41	x: 2.206 m η = 2.2	x: 0.114 m η = 48.0	x: 0.114 m η = 9.2	x: 0.114 m η = 1.9	x: 2.206 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 59.2	η < 0.1	η = 3.4	x: 2.206 m η = 0.9	η < 0.1	**CUMPLE η = 59.2**
N38/N39	x: 2.239 m η = 0.9	x: 0.113 m η = 48.9	x: 2.239 m η = 10.0	x: 2.239 m η = 2.8	x: 2.239 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 61.4	η < 0.1	η = 4.1	x: 2.239 m η = 0.9	η < 0.1	**CUMPLE η = 61.4**
N43/N37	x: 2.273 m η = 1.5	x: 0.112 m η = 56.6	x: 0.112 m η = 14.2	x: 0.112 m η = 8.2	x: 2.273 m η = 1.6	η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 79.0	η < 0.1	η = 3.6	x: 2.273 m η = 1.2	η = 0.1	**CUMPLE η = 79.0**
N8/N44	N_{Ed} = 0.00 N.P.(1)	x: 0.232 m η = 46.0	x: 0.232 m η = 7.6	x: 0.232 m η = 12.7	x: 0.232 m η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.232 m η = 66.2	η < 0.1	η = 2.7	x: 0.232 m η = 0.5	η = 0.3	**CUMPLE η = 66.2**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N45/N46	x: 6.108 m η = 1.5	x: 0 m η = 23.2	x: 6.109 m η = 58.7	x: 0 m η = 7.7	η = 9.9	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 76.5	η < 0.1	η < 0.1	η = 2.0	η = 0.2	**CUMPLE η = 76.5**
N46/N47	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 40.0	x: 0.091 m η = 0.3	η = 12.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 40.4	η < 0.1	η = 0.4	η = 7.5	η < 0.1	**CUMPLE η = 40.4**
N47/N48	η = 11.7	η = 2.3	x: 1.306 m η = 12.6	x: 1.306 m η = 0.8	x: 1.306 m η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 25.0	η < 0.1	η = 1.3	x: 1.306 m η = 1.1	η = 0.1	**CUMPLE η = 25.0**
N48/N49	η = 2.1	η = 8.8	x: 0.049 m η = 18.6	x: 1.306 m η = 2.2	x: 0.049 m η = 4.3	η = 0.2	η < 0.1	η < 0.1	x: 0.049 m η = 28.3	η < 0.1	η = 1.3	x: 0.049 m η = 2.6	η = 0.1	**CUMPLE η = 28.3**
N49/N50	η = 7.8	η = 35.7	x: 1.306 m η = 9.9	x: 0.049 m η = 2.1	x: 0.049 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 1.306 m η = 46.7	η < 0.1	η = 1.1	x: 0.049 m η = 0.9	η = 0.1	**CUMPLE η = 46.7**
N50/N51	η = 12.0	η = 57.1	x: 1.305 m η = 12.2	x: 1.305 m η = 1.1	x: 0.049 m η = 1.8	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 70.3	η < 0.1	η = 1.0	x: 0.049 m η = 1.1	η = 0.1	**CUMPLE η = 70.3**
N51/N52	η = 16.5	η = 78.5	x: 1.305 m η = 11.1	x: 0.05 m η = 1.2	x: 0.05 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 90.4	η < 0.1	η = 1.1	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 90.4**
N52/N53	η = 10.4	η = 49.8	x: 1.304 m η = 7.8	x: 1.304 m η = 0.8	x: 0.05 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 58.5	η < 0.1	η = 0.7	x: 0.05 m η = 0.6	η = 0.1	**CUMPLE η = 58.5**
N53/N54	η = 12.3	η = 58.8	x: 1.304 m η = 6.3	x: 0.051 m η = 0.9	x: 0.051 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.4	η < 0.1	η = 0.3	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 65.4**
N54/N55	η = 13.5	η = 65.0	x: 1.304 m η = 7.4	x: 1.304 m η = 0.8	x: 0.051 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 73.3	η < 0.1	η = 0.2	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 73.3**
N55/N56	η = 14.8	η = 70.9	x: 1.094 m η = 6.1	x: 0.051 m η = 0.9	x: 0.051 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.886 m η = 77.6	η < 0.1	η = 0.4	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 77.6**
N56/N57	η = 15.5	η = 74.6	x: 1.303 m η = 10.5	x: 1.303 m η = 0.8	x: 0.052 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 86.0	η < 0.1	η = 0.5	x: 0.052 m η = 0.6	η = 0.1	**CUMPLE η = 86.0**
N57/N58	η = 15.6	η = 74.8	x: 0.052 m η = 10.5	x: 0.052 m η = 0.8	x: 1.303 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 86.1	η < 0.1	η = 0.5	x: 1.303 m η = 0.6	η = 0.1	**CUMPLE η = 86.1**
N58/N59	η = 15.0	η = 71.3	x: 0.261 m η = 6.0	x: 1.304 m η = 0.9	x: 1.304 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.678 m η = 77.9	η < 0.1	η = 0.5	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 77.9**
N59/N60	η = 13.8	η = 65.6	x: 0.051 m η = 7.4	x: 0.051 m η = 0.8	x: 1.304 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 73.8	η < 0.1	η = 0.2	x: 1.304 m η = 0.4	η = 0.1	**CUMPLE η = 73.8**
N60/N61	η = 12.6	η = 59.5	x: 0.051 m η = 6.3	x: 1.304 m η = 1.0	x: 1.304 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 66.2	η < 0.1	η = 0.2	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 66.2**
N61/N62	η = 10.7	η = 50.7	x: 0.051 m η = 7.7	x: 0.051 m η = 0.8	x: 1.305 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.2	η < 0.1	η = 0.7	x: 1.305 m η = 0.6	η = 0.1	**CUMPLE η = 59.2**
N62/N63	η = 17.3	η = 80.4	x: 0.05 m η = 11.0	x: 1.305 m η = 1.3	x: 1.305 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 92.1	η < 0.1	η = 1.0	x: 1.305 m η = 0.8	η = 0.1	**CUMPLE η = 92.1**
N63/N64	η = 12.8	η = 59.2	x: 0.05 m η = 12.1	x: 0.05 m η = 1.3	x: 1.306 m η = 1.8	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 72.6	η < 0.1	η = 0.7	x: 1.306 m η = 1.1	η = 0.1	**CUMPLE η = 72.6**
N64/N65	η = 8.6	η = 38.1	x: 0.049 m η = 9.8	x: 1.306 m η = 1.9	x: 1.306 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 0.049 m η = 48.8	η < 0.1	η = 0.7	x: 1.306 m η = 0.9	η = 0.1	**CUMPLE η = 48.8**
N65/N66	η = 3.0	η = 11.5	x: 1.306 m η = 17.2	x: 0.049 m η = 1.9	x: 1.306 m η = 4.1	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 29.7	η < 0.1	η = 0.9	x: 1.306 m η = 2.5	η < 0.1	**CUMPLE η = 29.7**
N66/N67	η = 9.1	η = 2.0	x: 0.049 m η = 10.8	x: 0.049 m η = 0.8	x: 0.049 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 20.8	η < 0.1	η = 0.8	x: 0.049 m η = 0.7	η < 0.1	**CUMPLE η = 20.8**
N69/N424	x: 0.15 m η = 0.9	x: 0 m η = 8.8	x: 0 m η = 10.1	x: 0 m η = 12.8	η = 10.8	η = 1.5	η < 0.1	η < 0.1	x: 0 m η = 26.8	η < 0.1	η = 0.1	η = 8.2	η = 1.5	**CUMPLE η = 26.8**
N424/N416	x: 2.55 m η = 1.2	x: 0 m η = 9.5	x: 2.55 m η = 45.3	x: 0 m η = 10.8	η = 12.2	η = 0.7	η < 0.1	η < 0.1	x: 2.55 m η = 56.5	η < 0.1	η = 0.1	η = 8.2	η = 0.7	**CUMPLE η = 56.5**
N416/N68	x: 0.108 m η = 1.4	x: 0 m η = 8.2	x: 0.109 m η = 47.8	x: 0 m η = 6.4	η = 13.7	η = 1.2	η < 0.1	η < 0.1	x: 0.109 m η = 58.5	η < 0.1	η = 0.1	η = 8.2	η = 1.2	**CUMPLE η = 58.5**
N68/N67	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 32.1	x: 0.091 m η = 0.2	η = 9.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 32.4	η < 0.1	η = 0.2	η = 6.3	η < 0.1	**CUMPLE η = 32.4**
N70/N57	x: 1.51 m η = 34.8	x: 0.091 m η = 9.1	x: 1.51 m η = 0.3	x: 0.091 m η = 8.8	η < 0.1	η = 1.0	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 43.7	η < 0.1	η = 0.2	η < 0.1	η = 0.6	**CUMPLE η = 43.7**
N46/N71	x: 1.304 m η = 0.2	x: 0.131 m η = 0.7	x: 0.131 m η = 74.7	x: 0.131 m η = 2.0	x: 0.131 m η = 12.7	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 77.4	η < 0.1	η = 2.0	x: 0.131 m η = 7.7	η = 0.2	**CUMPLE η = 77.4**
N71/N72	x: 1.303 m η = 25.9	x: 0.05 m η = 5.9	x: 0.05 m η = 22.1	x: 1.305 m η = 3.9	x: 1.305 m η = 1.9	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 48.1	η < 0.1	η = 4.9	x: 1.305 m η = 1.4	η = 0.3	**CUMPLE η = 48.1**
N72/N73	x: 1.303 m η = 34.5	x: 0.051 m η = 4.8	x: 1.305 m η = 6.7	x: 0.051 m η = 2.6	x: 0.051 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 41.5	η < 0.1	η = 5.0	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 41.5**
N73/N74	x: 1.303 m η = 55.9	x: 0.051 m η = 9.3	x: 1.305 m η = 15.0	x: 1.305 m η = 1.5	x: 0.051 m η = 2.5	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 72.5	η < 0.1	η = 4.7	x: 0.051 m η = 1.5	η = 0.1	**CUMPLE η = 72.5**
N74/N75	x: 1.302 m η = 73.7	x: 0.051 m η = 12.7	x: 1.302 m η = 7.8	x: 0.051 m η = 4.8	x: 0.051 m η = 0.4	η = 0.8	η < 0.1	η < 0.1	x: 0.051 m η = 85.0	η < 0.1	η = 2.4	x: 0.051 m η = 0.4	η = 0.4	**CUMPLE η = 85.0**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N75/N76	x: 1.302 m η = 47.1	x: 0.052 m η = 8.5	x: 1.304 m η = 9.8	x: 1.304 m η = 2.9	x: 0.052 m η = 1.4	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 59.8	η < 0.1	η = 1.4	x: 0.052 m η = 0.8	η = 0.2	**CUMPLE η = 59.8**
N76/N77	x: 1.301 m η = 46.9	x: 0.052 m η = 7.5	x: 0.052 m η = 6.2	x: 0.052 m η = 0.6	x: 1.303 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 53.6	η < 0.1	η = 2.4	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 53.6**
N77/N78	x: 1.301 m η = 52.8	x: 0.053 m η = 8.8	x: 1.303 m η = 9.2	x: 1.303 m η = 0.5	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 62.5	η < 0.1	η = 2.5	x: 0.053 m η = 0.7	η < 0.1	**CUMPLE η = 62.5**
N78/N79	x: 1.3 m η = 56.5	x: 0.053 m η = 9.3	x: 0.053 m η = 7.1	x: 0.053 m η = 1.6	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 65.3	η < 0.1	η = 1.7	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 65.3**
N79/N70	x: 1.313 m η = 59.4	x: 0.054 m η = 10.0	x: 1.315 m η = 13.0	x: 1.315 m η = 1.8	x: 0.054 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 74.3	η < 0.1	η = 1.8	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 74.3**
N68/N88	x: 1.304 m η = 0.6	x: 0.131 m η = 1.2	x: 0.131 m η = 66.6	x: 0.131 m η = 1.4	x: 0.131 m η = 11.3	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 68.3	η < 0.1	η = 1.4	x: 0.131 m η = 7.1	η < 0.1	**CUMPLE η = 68.3**
N88/N87	x: 1.303 m η = 24.6	x: 0.05 m η = 6.2	x: 0.05 m η = 18.9	x: 1.305 m η = 2.8	x: 1.305 m η = 1.4	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 43.7	η < 0.1	η = 3.6	x: 1.305 m η = 1.1	η = 0.1	**CUMPLE η = 43.7**
N87/N86	x: 1.303 m η = 33.4	x: 0.051 m η = 4.9	x: 1.305 m η = 6.5	x: 0.051 m η = 1.3	x: 0.051 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 40.0	η < 0.1	η = 4.7	x: 0.051 m η = 0.9	η < 0.1	**CUMPLE η = 40.0**
N86/N85	x: 1.303 m η = 54.5	x: 0.051 m η = 9.4	x: 1.305 m η = 15.0	x: 1.305 m η = 1.1	x: 0.051 m η = 2.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 70.3	η < 0.1	η = 4.7	x: 0.051 m η = 1.5	η = 0.1	**CUMPLE η = 70.3**
N85/N84	x: 1.302 m η = 72.0	x: 0.051 m η = 12.8	x: 1.095 m η = 7.8	x: 0.051 m η = 2.5	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 80.7	η < 0.1	η = 2.5	x: 0.051 m η = 0.4	η = 0.4	**CUMPLE η = 80.7**
N84/N83	x: 1.302 m η = 46.1	x: 0.052 m η = 8.5	x: 1.304 m η = 9.7	x: 1.304 m η = 1.6	x: 0.052 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 57.4	η < 0.1	η = 1.4	x: 0.052 m η = 0.8	η = 0.2	**CUMPLE η = 57.4**
N83/N82	x: 1.301 m η = 46.9	x: 0.052 m η = 7.5	x: 0.052 m η = 6.2	x: 0.052 m η = 0.8	x: 1.303 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 53.9	η < 0.1	η = 2.4	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 53.9**
N82/N81	x: 1.301 m η = 52.6	x: 0.053 m η = 8.8	x: 1.303 m η = 9.2	x: 1.303 m η = 0.9	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 62.7	η < 0.1	η = 2.5	x: 0.053 m η = 0.7	η < 0.1	**CUMPLE η = 62.7**
N81/N80	x: 1.3 m η = 56.1	x: 0.053 m η = 9.3	x: 0.053 m η = 7.2	x: 0.053 m η = 0.8	x: 1.302 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.053 m η = 63.7	η < 0.1	η = 1.8	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 63.7**
N80/N70	x: 1.313 m η = 58.8	x: 0.054 m η = 10.0	x: 1.315 m η = 13.0	x: 1.315 m η = 0.9	x: 0.054 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 1.315 m η = 72.3	η < 0.1	η = 1.7	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 72.3**
N78/N55	x: 1.59 m η = 36.7	x: 0.091 m η = 8.9	x: 1.59 m η = 12.2	x: 0.091 m η = 8.9	η = 1.7	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 57.2	η < 0.1	η = 0.3	η = 1.0	η = 0.4	**CUMPLE η = 57.2**
N79/N56	x: 1.55 m η = 20.7	x: 0.091 m η = 4.5	x: 0.091 m η = 9.9	x: 1.55 m η = 1.6	η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 32.1	η < 0.1	η = 0.4	η = 0.9	η = 0.1	**CUMPLE η = 32.1**
N77/N54	x: 1.63 m η = 38.5	x: 0.091 m η = 8.0	x: 1.63 m η = 15.9	x: 0.091 m η = 1.1	η = 2.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 54.9	η < 0.1	η = 0.7	η = 1.3	η = 0.1	**CUMPLE η = 54.9**
N76/N53	x: 1.67 m η = 58.8	x: 0.091 m η = 13.9	x: 1.67 m η = 20.9	x: 0.091 m η = 7.5	η = 2.7	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 86.6	η < 0.1	η = 0.2	η = 1.6	η = 0.4	**CUMPLE η = 86.6**
N75/N52	x: 1.71 m η = 59.9	x: 0.091 m η = 12.8	x: 1.71 m η = 25.1	x: 1.71 m η = 1.0	η = 3.2	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 85.8	η < 0.1	η = 0.7	η = 1.9	η = 0.1	**CUMPLE η = 85.8**
N71/N48	x: 1.869 m η = 46.7	x: 0.091 m η = 10.0	x: 0.091 m η = 30.0	x: 0.091 m η = 1.6	η = 3.2	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 78.2	η < 0.1	η = 0.6	η = 1.9	η < 0.1	**CUMPLE η = 78.2**
N72/N49	x: 1.829 m η = 65.5	x: 0.091 m η = 14.7	x: 1.83 m η = 22.3	x: 0.091 m η = 6.0	η = 2.6	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 92.5	η < 0.1	η = 0.6	η = 1.6	η = 0.2	**CUMPLE η = 92.5**
N73/N50	x: 1.789 m η = 49.3	x: 0.091 m η = 10.4	x: 1.79 m η = 20.2	x: 1.79 m η = 1.1	η = 2.5	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 70.6	η < 0.1	η = 0.6	η = 1.5	η < 0.1	**CUMPLE η = 70.6**
N74/N51	x: 1.749 m η = 49.1	x: 0.091 m η = 11.1	x: 1.75 m η = 18.1	x: 0.091 m η = 4.7	η = 2.3	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 71.4	η < 0.1	η = 0.4	η = 1.3	η = 0.2	**CUMPLE η = 71.4**
N81/N59	x: 1.59 m η = 35.7	x: 0.091 m η = 8.7	x: 1.59 m η = 11.6	x: 0.091 m η = 9.1	η = 1.6	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 55.8	η < 0.1	η = 0.7	η = 1.0	η = 0.5	**CUMPLE η = 55.8**
N80/N58	x: 1.55 m η = 19.6	x: 0.091 m η = 4.2	x: 0.091 m η = 9.4	x: 1.55 m η = 1.5	η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 30.4	η < 0.1	η = 0.2	η = 0.8	η = 0.1	**CUMPLE η = 30.4**
N82/N60	x: 1.63 m η = 37.5	x: 0.091 m η = 7.8	x: 1.63 m η = 15.4	x: 0.091 m η = 1.2	η = 2.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 53.5	η < 0.1	η = 0.5	η = 1.3	η < 0.1	**CUMPLE η = 53.5**
N83/N61	x: 1.67 m η = 57.9	x: 0.091 m η = 13.7	x: 1.67 m η = 20.4	x: 0.091 m η = 7.5	η = 2.7	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 85.0	η < 0.1	η = 0.2	η = 1.6	η = 0.4	**CUMPLE η = 85.0**
N84/N62	x: 1.71 m η = 59.0	x: 0.091 m η = 12.6	x: 1.71 m η = 24.6	x: 1.71 m η = 0.9	η = 3.2	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 84.4	η < 0.1	η = 0.5	η = 1.9	η = 0.1	**CUMPLE η = 84.4**
N87/N65	x: 1.829 m η = 64.6	x: 0.091 m η = 14.5	x: 1.83 m η = 22.1	x: 0.091 m η = 5.0	η = 2.6	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 90.5	η < 0.1	η = 0.2	η = 1.5	η = 0.1	**CUMPLE η = 90.5**
N86/N64	x: 1.789 m η = 48.8	x: 0.091 m η = 10.2	x: 1.79 m η = 19.9	x: 1.79 m η = 1.0	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 69.7	η < 0.1	η = 0.5	η = 1.5	η = 0.1	**CUMPLE η = 69.7**
N85/N63	x: 1.749 m η = 48.5	x: 0.091 m η = 11.0	x: 1.75 m η = 17.8	x: 0.091 m η = 4.8	η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 70.7	η < 0.1	η = 0.4	η = 1.3	η = 0.3	**CUMPLE η = 70.7**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N88/N66	x: 1.869 m η = 47.9	x: 0.091 m η = 10.5	x: 0.091 m η = 29.0	x: 0.091 m η = 1.4	η = 3.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 78.2	η < 0.1	η = 0.4	η = 1.9	η < 0.1	**CUMPLE η = 78.2**
N79/N57	x: 2.01 m η = 5.4	x: 0.12 m η = 22.1	x: 0.12 m η = 6.5	x: 2.01 m η = 0.4	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.9	η < 0.1	η = 0.5	x: 2.01 m η = 0.5	η < 0.1	**CUMPLE η = 28.9**
N78/N56	x: 2.042 m η = 5.4	x: 0.119 m η = 29.2	x: 0.119 m η = 8.9	x: 0.119 m η = 5.9	x: 2.042 m η = 1.0	η = 0.4	η < 0.1	η < 0.1	x: 0.119 m η = 44.0	η < 0.1	η = 0.8	x: 2.042 m η = 0.7	η = 0.2	**CUMPLE η = 44.0**
N77/N55	x: 2.075 m η = 10.2	x: 0.118 m η = 46.7	x: 0.118 m η = 10.1	x: 0.118 m η = 1.1	x: 2.075 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 57.9	η < 0.1	η = 0.4	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 57.9**
N76/N54	x: 2.107 m η = 9.6	x: 0.117 m η = 50.3	x: 0.117 m η = 13.2	x: 0.117 m η = 4.6	x: 2.107 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 0.117 m η = 68.1	η < 0.1	η = 0.6	x: 2.107 m η = 1.0	η = 0.2	**CUMPLE η = 68.1**
N75/N53	x: 2.14 m η = 16.2	x: 0.116 m η = 73.4	x: 0.116 m η = 14.9	x: 0.116 m η = 1.1	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 89.5	η < 0.1	η = 0.5	x: 2.14 m η = 1.1	η < 0.1	**CUMPLE η = 89.5**
N74/N52	x: 2.173 m η = 15.4	x: 0.115 m η = 76.2	x: 0.115 m η = 17.0	x: 0.115 m η = 5.1	x: 2.173 m η = 1.9	η = 0.4	η < 0.1	η < 0.1	x: 0.115 m η = 98.3	η < 0.1	η = 0.6	x: 2.173 m η = 1.2	η = 0.2	**CUMPLE η = 98.3**
N73/N51	x: 2.206 m η = 13.1	x: 0.114 m η = 60.8	x: 0.114 m η = 12.0	x: 0.114 m η = 0.9	x: 2.206 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 73.7	η < 0.1	η = 0.3	x: 2.206 m η = 0.9	η < 0.1	**CUMPLE η = 73.7**
N72/N50	x: 2.239 m η = 12.4	x: 0.113 m η = 61.4	x: 2.239 m η = 12.6	x: 0.113 m η = 3.4	x: 2.239 m η = 1.4	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 77.2	η < 0.1	η = 0.9	x: 2.239 m η = 0.9	η = 0.1	**CUMPLE η = 77.2**
N71/N49	x: 2.273 m η = 16.8	x: 0.112 m η = 78.3	x: 0.112 m η = 21.1	x: 0.112 m η = 0.8	x: 2.273 m η = 2.1	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 99.8	η < 0.1	η = 0.3	x: 2.273 m η = 1.3	η < 0.1	**CUMPLE η = 99.8**
N46/N48	x: 2.307 m η = 12.4	x: 0.232 m η = 61.0	x: 0.232 m η = 15.7	x: 0.232 m η = 2.4	x: 0.232 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.232 m η = 79.0	η < 0.1	η = 0.5	x: 0.232 m η = 0.7	η = 0.1	**CUMPLE η = 79.0**
N80/N57	x: 2.01 m η = 5.0	x: 0.12 m η = 20.6	x: 0.12 m η = 6.3	x: 2.01 m η = 0.6	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 27.1	η < 0.1	η = 0.4	x: 2.01 m η = 0.5	η < 0.1	**CUMPLE η = 27.1**
N81/N58	x: 2.042 m η = 5.1	x: 0.119 m η = 27.8	x: 0.119 m η = 8.7	x: 0.119 m η = 5.0	x: 2.042 m η = 1.0	η = 0.4	η < 0.1	η < 0.1	x: 0.119 m η = 41.5	η < 0.1	η = 1.1	x: 2.042 m η = 0.7	η = 0.2	**CUMPLE η = 41.5**
N82/N59	x: 2.075 m η = 9.9	x: 0.118 m η = 45.4	x: 0.118 m η = 9.9	x: 2.075 m η = 0.8	x: 2.075 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 55.8	η < 0.1	η = 0.3	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 55.8**
N83/N60	x: 2.107 m η = 9.3	x: 0.117 m η = 49.0	x: 0.117 m η = 12.9	x: 0.117 m η = 5.5	x: 2.107 m η = 1.4	η = 0.4	η < 0.1	η < 0.1	x: 0.117 m η = 67.4	η < 0.1	η = 0.4	x: 2.107 m η = 1.0	η = 0.2	**CUMPLE η = 67.4**
N84/N61	x: 2.14 m η = 15.9	x: 0.116 m η = 72.2	x: 0.116 m η = 14.7	x: 2.14 m η = 1.1	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 87.6	η < 0.1	η = 0.4	x: 2.14 m η = 1.1	η < 0.1	**CUMPLE η = 87.6**
N85/N62	x: 2.173 m η = 15.1	x: 0.115 m η = 75.1	x: 0.115 m η = 16.8	x: 0.115 m η = 4.4	x: 2.173 m η = 1.9	η = 0.4	η < 0.1	η < 0.1	x: 0.115 m η = 96.2	η < 0.1	η = 0.8	x: 2.173 m η = 1.2	η = 0.2	**CUMPLE η = 96.2**
N86/N63	x: 2.206 m η = 12.9	x: 0.114 m η = 60.1	x: 0.114 m η = 11.8	x: 0.114 m η = 0.6	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 72.4	η < 0.1	η = 0.3	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 72.4**
N87/N64	x: 2.239 m η = 12.2	x: 0.113 m η = 60.9	x: 2.239 m η = 12.6	x: 0.113 m η = 3.4	x: 2.239 m η = 1.4	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 76.7	η < 0.1	η = 0.6	x: 2.239 m η = 0.9	η = 0.1	**CUMPLE η = 76.7**
N88/N65	x: 2.273 m η = 16.6	x: 0.112 m η = 77.3	x: 0.112 m η = 20.2	x: 2.273 m η = 0.7	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 98.0	η < 0.1	η = 0.2	x: 2.273 m η = 1.3	η < 0.1	**CUMPLE η = 98.0**
N68/N66	x: 2.307 m η = 12.7	x: 0.232 m η = 61.5	x: 0.232 m η = 12.3	x: 0.232 m η = 1.2	x: 0.232 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 75.0	η < 0.1	η = 0.2	x: 0.232 m η = 0.6	η < 0.1	**CUMPLE η = 75.0**
N89/N90	x: 6.108 m η = 1.5	x: 0 m η = 21.9	x: 6.109 m η = 62.5	x: 0 m η = 7.6	η = 10.7	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 79.3	η < 0.1	η < 0.1	η = 2.5	η = 0.2	**CUMPLE η = 79.3**
N90/N91	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 43.4	x: 0.091 m η = 0.3	η = 13.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 43.5	η < 0.1	η = 0.2	η = 8.0	η < 0.1	**CUMPLE η = 43.5**
N91/N92	η = 12.8	η = 3.1	x: 1.306 m η = 13.2	x: 1.306 m η = 0.4	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.3	η < 0.1	η = 1.1	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.3**
N92/N93	η = 1.4	η = 5.8	x: 0.049 m η = 18.4	x: 1.306 m η = 0.8	x: 0.049 m η = 4.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 24.4	η < 0.1	η = 1.0	x: 0.049 m η = 2.4	η < 0.1	**CUMPLE η = 24.4**
N93/N94	η = 7.1	η = 30.7	x: 1.306 m η = 9.4	x: 1.306 m η = 0.7	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 40.2	η < 0.1	η = 1.0	x: 0.049 m η = 0.9	η < 0.1	**CUMPLE η = 40.2**
N94/N95	η = 11.6	η = 51.2	x: 1.305 m η = 12.1	x: 0.049 m η = 0.5	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 63.4	η < 0.1	η = 0.8	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 63.4**
N95/N96	η = 16.4	η = 71.8	x: 1.305 m η = 11.0	x: 0.05 m η = 0.2	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 82.8	η < 0.1	η = 0.5	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 82.8**
N96/N97	η = 10.4	η = 45.8	x: 1.304 m η = 7.1	x: 1.304 m η = 0.2	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 53.2	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 53.2**
N97/N98	η = 12.3	η = 54.2	x: 1.304 m η = 6.3	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 60.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 60.7**
N98/N99	η = 13.7	η = 60.6	x: 1.304 m η = 7.8	x: 1.302 m η = 0.2	x: 0.051 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 68.5	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 68.5**
N99/N100	η = 15.2	η = 66.5	x: 1.094 m η = 6.2	x: 1.301 m η = 0.1	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 72.9	η < 0.1	η < 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 72.9**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N100/N101	η = 15.9	η = 70.2	x: 1.303 m η = 11.1	x: 1.303 m η = 0.3	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 81.7	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 81.7**
N101/N102	η = 16.0	η = 70.5	x: 0.052 m η = 11.1	x: 0.052 m η = 0.3	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 81.9	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 81.9**
N102/N103	η = 15.4	η = 67.1	x: 0.469 m η = 6.2	x: 0.052 m η = 0.2	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.469 m η = 73.5	η < 0.1	η < 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 73.5**
N103/N104	η = 14.0	η = 61.5	x: 0.051 m η = 7.8	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 69.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 69.3**
N104/N105	η = 12.7	η = 55.4	x: 0.051 m η = 6.3	x: 0.051 m η = 0.2	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 61.9	η < 0.1	η = 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 61.9**
N105/N106	η = 10.8	η = 47.3	x: 0.051 m η = 7.2	x: 0.051 m η = 0.2	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 54.6	η < 0.1	η = 0.1	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 54.6**
N106/N107	η = 17.4	η = 75.1	x: 0.05 m η = 11.1	x: 1.305 m η = 0.5	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 86.3	η < 0.1	η = 0.4	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 86.3**
N107/N108	η = 12.7	η = 55.0	x: 0.05 m η = 12.3	x: 1.306 m η = 0.7	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 67.5	η < 0.1	η = 0.5	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 67.5**
N108/N109	η = 8.3	η = 35.0	x: 0.049 m η = 9.5	x: 0.049 m η = 0.9	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 44.9	η < 0.1	η = 0.7	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 44.9**
N109/N110	η = 2.7	η = 10.7	x: 1.306 m η = 15.5	x: 0.049 m η = 0.9	x: 1.306 m η = 3.6	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.3	η < 0.1	η = 0.8	x: 1.306 m η = 2.3	η = 0.1	**CUMPLE η = 26.3**
N110/N111	η = 8.3	η = 2.5	x: 0.049 m η = 9.6	x: 0.049 m η = 0.4	x: 1.225 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 18.1	η < 0.1	η = 0.8	x: 0.049 m η = 0.5	η = 0.1	**CUMPLE η = 18.1**
N113/N425	x: 0.15 m η = 1.0	x: 0 m η = 8.2	x: 0 m η = 4.8	x: 0 m η = 8.5	η = 8.6	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 17.4	η < 0.1	η = 0.1	η = 6.5	η = 0.5	**CUMPLE η = 17.4**
N425/N417	x: 2.55 m η = 1.3	x: 0 m η = 8.8	x: 2.55 m η = 41.5	x: 0 m η = 7.8	η = 9.8	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 50.9	η < 0.1	η = 0.1	η = 6.5	η = 0.5	**CUMPLE η = 50.9**
N417/N112	x: 0.108 m η = 1.5	x: 0 m η = 7.7	x: 0.109 m η = 43.5	x: 0.109 m η = 4.1	η = 11.0	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 52.8	η < 0.1	η = 0.1	η = 6.5	η = 0.2	**CUMPLE η = 52.8**
N112/N111	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 29.0	x: 0.091 m η = 0.2	η = 8.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.2	η < 0.1	η = 0.2	η = 5.5	η < 0.1	**CUMPLE η = 29.2**
N114/N101	x: 1.51 m η = 32.7	x: 0.091 m η = 9.4	x: 1.51 m η = 0.4	x: 0.091 m η = 0.8	η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.51 m η = 33.4	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 33.4**
N90/N115	x: 1.304 m η = 0.8	x: 0.131 m η = 2.7	x: 0.131 m η = 75.4	x: 0.131 m η = 2.0	x: 0.131 m η = 12.8	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 80.1	η < 0.1	η = 1.4	x: 0.131 m η = 7.6	η = 0.2	**CUMPLE η = 80.1**
N115/N116	x: 1.303 m η = 20.1	x: 0.05 m η = 4.9	x: 0.05 m η = 23.1	x: 1.305 m η = 3.3	x: 1.305 m η = 2.3	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 43.6	η < 0.1	η = 2.7	x: 1.305 m η = 1.5	η = 0.3	**CUMPLE η = 43.6**
N116/N117	x: 1.303 m η = 40.5	x: 0.051 m η = 9.1	x: 1.305 m η = 7.0	x: 0.051 m η = 2.0	x: 0.051 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 47.7	η < 0.1	η = 0.8	x: 0.051 m η = 1.1	η = 0.1	**CUMPLE η = 47.7**
N117/N118	x: 1.303 m η = 61.1	x: 0.051 m η = 14.0	x: 1.305 m η = 14.9	x: 1.305 m η = 1.8	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 77.8	η < 0.1	η = 0.9	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 77.8**
N118/N119	x: 1.302 m η = 77.7	x: 0.051 m η = 17.4	x: 1.095 m η = 7.8	x: 0.051 m η = 4.2	x: 0.051 m η = 0.4	η = 0.7	η < 0.1	η < 0.1	x: 0.051 m η = 88.7	η < 0.1	η = 0.6	x: 0.051 m η = 0.4	η = 0.3	**CUMPLE η = 88.7**
N119/N120	x: 1.302 m η = 48.7	x: 0.052 m η = 11.0	x: 1.304 m η = 8.7	x: 1.304 m η = 2.4	x: 0.052 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 59.7	η < 0.1	η = 0.2	x: 0.052 m η = 0.7	η = 0.2	**CUMPLE η = 59.7**
N120/N121	x: 1.301 m η = 55.0	x: 0.052 m η = 12.2	x: 0.26 m η = 5.4	x: 0.052 m η = 0.5	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 60.8	η < 0.1	η = 0.4	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 60.8**
N121/N122	x: 1.301 m η = 61.0	x: 0.053 m η = 13.6	x: 1.303 m η = 9.6	x: 1.303 m η = 0.6	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.2	η < 0.1	η = 0.4	x: 0.053 m η = 0.7	η < 0.1	**CUMPLE η = 71.2**
N122/N123	x: 1.3 m η = 64.6	x: 0.053 m η = 14.3	x: 0.053 m η = 7.4	x: 0.053 m η = 1.7	x: 1.302 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 73.7	η < 0.1	η = 0.4	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.7**
N123/N114	x: 1.313 m η = 67.3	x: 0.054 m η = 14.9	x: 1.315 m η = 13.6	x: 1.315 m η = 2.0	x: 0.054 m η = 1.6	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 83.0	η < 0.1	η = 0.3	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 83.0**
N112/N132	x: 1.304 m η = 0.4	x: 0.131 m η = 0.2	x: 0.131 m η = 60.7	x: 0.131 m η = 1.8	x: 0.131 m η = 10.3	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 61.0	η < 0.1	η = 1.1	x: 0.131 m η = 6.4	η < 0.1	**CUMPLE η = 61.0**
N132/N131	x: 1.303 m η = 24.2	x: 0.05 m η = 5.7	x: 0.05 m η = 17.3	x: 1.305 m η = 3.1	x: 1.305 m η = 1.4	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 41.5	η < 0.1	η = 2.2	x: 1.305 m η = 1.1	η < 0.1	**CUMPLE η = 41.5**
N131/N130	x: 1.303 m η = 44.2	x: 0.051 m η = 9.9	x: 1.305 m η = 6.9	x: 0.051 m η = 1.4	x: 0.051 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 51.1	η < 0.1	η = 0.8	x: 0.051 m η = 0.9	η = 0.1	**CUMPLE η = 51.1**
N130/N129	x: 1.303 m η = 64.3	x: 0.051 m η = 14.6	x: 1.305 m η = 15.1	x: 1.305 m η = 1.6	x: 0.051 m η = 2.4	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 80.5	η < 0.1	η = 0.6	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 80.5**
N129/N128	x: 1.302 m η = 80.5	x: 0.051 m η = 17.9	x: 1.095 m η = 8.0	x: 0.051 m η = 2.5	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.677 m η = 88.7	η < 0.1	η = 0.5	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 88.7**
N128/N127	x: 1.302 m η = 49.8	x: 0.052 m η = 11.2	x: 1.304 m η = 8.7	x: 1.304 m η = 1.5	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.2	η < 0.1	η = 0.3	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.2**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N127/N126	x: 1.301 m η = 55.9	x: 0.052 m η = 12.4	x: 0.052 m η = 5.5	x: 0.052 m η = 1.3	x: 0.052 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 62.7	η < 0.1	η = 0.5	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 62.7**
N126/N125	x: 1.301 m η = 61.6	x: 0.053 m η = 13.8	x: 1.303 m η = 9.6	x: 1.303 m η = 1.2	x: 0.053 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 72.3	η < 0.1	η = 0.4	x: 0.053 m η = 0.6	η = 0.1	**CUMPLE η = 72.3**
N125/N124	x: 1.3 m η = 64.9	x: 0.053 m η = 14.3	x: 0.053 m η = 7.5	x: 0.053 m η = 0.9	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 72.5	η < 0.1	η = 0.3	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 72.5**
N124/N114	x: 1.313 m η = 67.3	x: 0.054 m η = 14.9	x: 1.315 m η = 13.6	x: 1.315 m η = 1.2	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 81.1	η < 0.1	η = 0.3	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 81.1**
N122/N99	x: 1.59 m η = 37.5	x: 0.091 m η = 10.2	x: 1.59 m η = 13.3	x: 0.091 m η = 0.7	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 51.0	η < 0.1	η = 0.4	η = 1.1	η < 0.1	**CUMPLE η = 51.0**
N123/N100	x: 1.55 m η = 20.0	x: 0.091 m η = 4.8	x: 0.091 m η = 10.8	x: 0.091 m η = 0.2	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 30.8	η < 0.1	η = 0.5	η = 0.9	η < 0.1	**CUMPLE η = 30.8**
N121/N98	x: 1.63 m η = 39.0	x: 0.091 m η = 9.2	x: 1.63 m η = 17.2	x: 1.63 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 56.2	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 56.2**
N120/N97	x: 1.67 m η = 55.0	x: 0.091 m η = 14.1	x: 1.67 m η = 20.6	x: 0.091 m η = 0.6	η = 2.7	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 75.9	η < 0.1	η = 0.5	η = 1.6	η < 0.1	**CUMPLE η = 75.9**
N119/N96	x: 1.71 m η = 56.3	x: 0.091 m η = 13.1	x: 1.71 m η = 23.8	x: 1.71 m η = 0.5	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.1	η < 0.1	η = 0.4	η = 1.8	η < 0.1	**CUMPLE η = 80.1**
N115/N92	x: 1.869 m η = 41.8	x: 0.091 m η = 9.7	x: 0.091 m η = 28.1	x: 0.091 m η = 0.6	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.0	η < 0.1	η = 0.6	η = 1.8	η < 0.1	**CUMPLE η = 70.0**
N116/N93	x: 1.829 m η = 60.7	x: 0.091 m η = 14.9	x: 1.83 m η = 20.7	x: 0.091 m η = 1.9	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 81.5	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 81.5**
N117/N94	x: 1.789 m η = 47.2	x: 0.091 m η = 10.9	x: 1.79 m η = 19.7	x: 1.789 m η = 0.6	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.0	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 67.0**
N118/N95	x: 1.75 m η = 72.5	x: 0.091 m η = 18.1	x: 1.75 m η = 26.9	x: 0.091 m η = 0.8	η = 3.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 99.6	η < 0.1	η = 0.5	η = 2.0	η < 0.1	**CUMPLE η = 99.6**
N125/N103	x: 1.59 m η = 35.7	x: 0.091 m η = 9.8	x: 1.59 m η = 12.5	x: 0.091 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 48.4	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 48.4**
N124/N102	x: 1.55 m η = 18.2	x: 0.091 m η = 4.4	x: 0.091 m η = 10.1	x: 0.091 m η = 0.2	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 28.3	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 28.3**
N126/N104	x: 1.63 m η = 37.2	x: 0.091 m η = 8.8	x: 1.63 m η = 16.4	x: 1.63 m η = 0.2	η = 2.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 53.6	η < 0.1	η = 0.4	η = 1.3	η < 0.1	**CUMPLE η = 53.6**
N127/N105	x: 1.67 m η = 53.3	x: 0.091 m η = 13.8	x: 1.67 m η = 19.8	x: 1.67 m η = 0.5	η = 2.6	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 73.5	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 73.5**
N128/N106	x: 1.71 m η = 54.5	x: 0.091 m η = 12.8	x: 1.71 m η = 23.1	x: 1.71 m η = 0.5	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 77.8	η < 0.1	η = 0.4	η = 1.8	η < 0.1	**CUMPLE η = 77.8**
N131/N109	x: 1.829 m η = 59.0	x: 0.091 m η = 14.6	x: 1.83 m η = 20.4	x: 0.091 m η = 1.8	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 79.6	η < 0.1	η = 0.3	η = 1.4	η = 0.1	**CUMPLE η = 79.6**
N130/N108	x: 1.789 m η = 46.2	x: 0.091 m η = 10.8	x: 1.79 m η = 19.2	x: 1.79 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 65.7	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 65.7**
N129/N107	x: 1.75 m η = 70.7	x: 0.091 m η = 17.8	x: 1.75 m η = 26.2	x: 1.75 m η = 0.4	η = 3.3	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 97.1	η < 0.1	η = 0.1	η = 1.9	η < 0.1	**CUMPLE η = 97.1**
N132/N110	x: 1.869 m η = 43.9	x: 0.091 m η = 10.3	x: 0.091 m η = 26.5	x: 0.091 m η = 0.5	η = 2.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.7	η < 0.1	η = 0.6	η = 1.7	η < 0.1	**CUMPLE η = 70.7**
N123/N101	x: 2.01 m η = 5.6	x: 0.12 m η = 21.0	x: 0.12 m η = 6.3	x: 0.12 m η = 1.1	x: 2.01 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.5	η < 0.1	η = 0.4	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 28.5**
N122/N100	x: 2.042 m η = 5.9	x: 0.119 m η = 28.6	x: 0.119 m η = 9.0	x: 2.042 m η = 0.7	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 38.1	η < 0.1	η = 0.3	x: 2.042 m η = 0.7	η < 0.1	**CUMPLE η = 38.1**
N121/N99	x: 2.075 m η = 11.7	x: 0.118 m η = 47.6	x: 0.118 m η = 10.4	x: 0.118 m η = 0.4	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 58.1	η < 0.1	η < 0.1	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 58.1**
N120/N98	x: 2.107 m η = 11.1	x: 0.117 m η = 50.8	x: 0.117 m η = 12.8	x: 0.117 m η = 0.9	x: 2.107 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 64.4	η < 0.1	η = 0.2	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 64.4**
N119/N97	x: 2.14 m η = 16.6	x: 0.116 m η = 69.1	x: 0.116 m η = 14.0	x: 0.116 m η = 1.1	x: 2.14 m η = 1.6	η = 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 84.1	η < 0.1	η = 0.3	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 84.1**
N118/N96	x: 2.173 m η = 15.7	x: 0.115 m η = 71.5	x: 0.115 m η = 16.2	x: 0.115 m η = 0.7	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 88.3	η < 0.1	η = 0.5	x: 2.173 m η = 1.2	η < 0.1	**CUMPLE η = 88.3**
N117/N95	x: 2.206 m η = 13.9	x: 0.114 m η = 58.5	x: 0.114 m η = 11.6	x: 0.114 m η = 0.2	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 70.2	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 70.2**
N116/N94	x: 2.239 m η = 13.1	x: 0.113 m η = 58.9	x: 2.239 m η = 11.9	x: 0.113 m η = 0.9	x: 2.239 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 71.2	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 71.2**
N115/N93	x: 2.273 m η = 17.1	x: 0.112 m η = 72.7	x: 0.112 m η = 20.0	x: 0.112 m η = 0.6	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 92.9	η < 0.1	η = 0.4	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 92.9**
N90/N92	x: 2.307 m η = 12.2	x: 0.232 m η = 55.4	x: 0.232 m η = 17.3	x: 0.232 m η = 1.1	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 73.5	η < 0.1	η = 0.2	x: 2.307 m η = 0.4	η < 0.1	**CUMPLE η = 73.5**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N124/N101	x: 2.01 m η = 5.1	x: 0.12 m η = 18.5	x: 0.12 m η = 5.9	x: 0.12 m η = 0.6	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 24.9	η < 0.1	η = 0.3	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 24.9**
N125/N102	x: 2.042 m η = 5.5	x: 0.119 m η = 26.2	x: 0.119 m η = 8.6	x: 0.119 m η = 0.5	x: 2.042 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 35.3	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 35.3**
N126/N103	x: 2.075 m η = 11.3	x: 0.118 m η = 45.2	x: 0.118 m η = 10.0	x: 0.118 m η = 0.8	x: 2.075 m η = 1.1	η = 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 56.1	η < 0.1	η = 0.1	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 56.1**
N127/N104	x: 2.107 m η = 10.6	x: 0.117 m η = 48.5	x: 0.117 m η = 12.4	x: 0.117 m η = 0.6	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 61.0	η < 0.1	η = 0.3	x: 2.107 m η = 0.9	η < 0.1	**CUMPLE η = 61.0**
N128/N105	x: 2.14 m η = 16.2	x: 0.116 m η = 66.8	x: 0.116 m η = 13.6	x: 0.116 m η = 0.6	x: 2.14 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 80.9	η < 0.1	η = 0.3	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 80.9**
N129/N106	x: 2.173 m η = 15.3	x: 0.115 m η = 69.3	x: 0.115 m η = 15.8	x: 0.115 m η = 0.7	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 85.3	η < 0.1	η = 0.1	x: 2.173 m η = 1.1	η < 0.1	**CUMPLE η = 85.3**
N130/N107	x: 2.206 m η = 13.6	x: 0.114 m η = 57.1	x: 0.114 m η = 11.3	x: 0.114 m η = 0.4	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 68.8	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 68.8**
N131/N108	x: 2.239 m η = 12.8	x: 0.113 m η = 57.7	x: 2.239 m η = 11.7	x: 0.113 m η = 0.9	x: 2.239 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 69.8	η < 0.1	η = 0.3	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 69.8**
N132/N109	x: 2.273 m η = 16.8	x: 0.112 m η = 70.8	x: 0.112 m η = 18.5	x: 0.112 m η = 0.6	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 89.6	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 89.6**
N112/N110	x: 2.307 m η = 12.5	x: 0.232 m η = 56.4	x: 0.232 m η = 11.2	x: 0.232 m η = 1.0	x: 0.232 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 68.2	η < 0.1	η = 0.2	x: 0.232 m η = 0.6	η = 0.1	**CUMPLE η = 68.2**
N133/N134	x: 6.108 m η = 1.5	x: 0 m η = 22.0	x: 6.109 m η = 63.0	x: 0 m η = 7.3	η = 10.8	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 80.2	η < 0.1	η < 0.1	η = 2.6	η = 0.2	**CUMPLE η = 80.2**
N134/N135	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 43.8	x: 0.091 m η = 0.2	η = 13.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 43.9	η < 0.1	η = 0.2	η = 3.3	η < 0.1	**CUMPLE η = 43.9**
N135/N136	η = 12.9	η = 3.1	x: 1.306 m η = 13.3	x: 1.306 m η = 0.3	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.2	η < 0.1	η = 1.0	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.2**
N136/N137	η = 1.4	η = 5.7	x: 0.049 m η = 18.5	x: 1.306 m η = 0.5	x: 0.049 m η = 4.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 24.3	η < 0.1	η = 0.9	x: 0.049 m η = 2.5	η < 0.1	**CUMPLE η = 24.3**
N137/N138	η = 7.2	η = 30.8	x: 1.306 m η = 9.4	x: 1.306 m η = 0.5	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 40.3	η < 0.1	η = 0.8	x: 0.049 m η = 0.9	η < 0.1	**CUMPLE η = 40.3**
N138/N139	η = 11.7	η = 51.2	x: 1.305 m η = 12.1	x: 0.049 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 63.4	η < 0.1	η = 0.7	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 63.4**
N139/N140	η = 16.5	η = 71.8	x: 1.305 m η = 11.0	x: 0.05 m η = 0.2	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 82.8	η < 0.1	η = 0.5	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 82.8**
N140/N141	η = 10.4	η = 45.8	x: 1.304 m η = 7.2	x: 1.304 m η = 0.3	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 53.3	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 53.3**
N141/N142	η = 12.4	η = 54.3	x: 1.304 m η = 6.3	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 60.8	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 60.8**
N142/N143	η = 13.8	η = 60.6	x: 1.304 m η = 7.8	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 68.4	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 68.4**
N143/N144	η = 15.3	η = 66.5	x: 1.094 m η = 6.2	x: 1.303 m η = 0.1	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 72.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 72.9**
N144/N145	η = 16.0	η = 70.2	x: 1.303 m η = 11.2	x: 1.303 m η = 0.5	x: 0.052 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 81.9	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 81.9**
N145/N146	η = 16.2	η = 70.6	x: 0.052 m η = 11.1	x: 0.052 m η = 0.4	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 82.1	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 82.1**
N146/N147	η = 15.5	η = 67.2	x: 0.469 m η = 6.2	x: 0.052 m η = 0.1	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.469 m η = 73.5	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 73.5**
N147/N148	η = 14.1	η = 61.6	x: 0.051 m η = 7.7	x: 1.304 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 69.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 69.3**
N148/N149	η = 12.9	η = 55.6	x: 0.051 m η = 6.3	x: 1.304 m η = 0.2	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 62.1	η < 0.1	η < 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 62.1**
N149/N150	η = 10.9	η = 47.5	x: 0.051 m η = 7.2	x: 0.051 m η = 0.2	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 54.9	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 54.9**
N150/N151	η = 17.6	η = 75.5	x: 0.05 m η = 11.1	x: 1.305 m η = 0.3	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 86.6	η < 0.1	η = 0.3	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 86.6**
N151/N152	η = 12.9	η = 55.5	x: 0.05 m η = 12.3	x: 0.05 m η = 0.3	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 67.9	η < 0.1	η = 0.4	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 67.9**
N152/N153	η = 8.5	η = 35.4	x: 0.049 m η = 9.5	x: 0.049 m η = 0.4	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 45.0	η < 0.1	η = 0.5	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 45.0**
N153/N154	η = 2.8	η = 11.0	x: 1.306 m η = 15.4	x: 0.049 m η = 0.4	x: 1.306 m η = 3.7	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.5	η < 0.1	η = 0.7	x: 1.306 m η = 2.3	η < 0.1	**CUMPLE η = 26.5**
N154/N155	η = 8.0	η = 2.5	x: 0.049 m η = 9.5	x: 0.049 m η = 0.3	x: 1.225 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 17.5	η < 0.1	η = 0.6	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 17.5**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N157/N426	x: 0.15 m η = 0.9	x: 0 m η = 8.3	x: 0 m η = 5.2	x: 0 m η = 6.7	η = 7.9	η = 0.4	η < 0.1	η < 0.1	x: 0 m η = 14.1	η < 0.1	η = 0.1	η = 6.3	η = 0.3	**CUMPLE η = 14.1**
N426/N418	x: 2.55 m η = 1.3	x: 0 m η = 8.9	x: 2.55 m η = 40.7	x: 0 m η = 6.1	η = 9.3	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 49.6	η < 0.1	η = 0.1	η = 6.3	η = 0.3	**CUMPLE η = 49.6**
N418/N156	x: 0.108 m η = 1.5	x: 0 m η = 7.7	x: 0.109 m η = 42.7	x: 0.109 m η = 3.2	η = 10.8	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 51.5	η < 0.1	η = 0.1	η = 6.3	η = 0.2	**CUMPLE η = 51.5**
N156/N155	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 0.2	x: 0.091 m η = 28.3	x: 0.091 m η = 0.2	η = 8.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.5	η < 0.1	η = 0.1	η = 5.4	η < 0.1	**CUMPLE η = 28.5**
N158/N145	x: 1.51 m η = 32.9	x: 0.091 m η = 9.6	x: 1.51 m η = 0.4	x: 0.091 m η = 1.3	η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 34.4	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 34.4**
N134/N159	x: 1.304 m η = 0.9	x: 0.131 m η = 2.7	x: 0.131 m η = 75.9	x: 0.131 m η = 1.2	x: 0.131 m η = 12.8	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 79.8	η < 0.1	η = 1.1	x: 0.131 m η = 7.6	η = 0.1	**CUMPLE η = 79.8**
N159/N160	x: 1.303 m η = 20.2	x: 0.05 m η = 4.9	x: 0.05 m η = 23.2	x: 1.305 m η = 2.0	x: 1.305 m η = 2.3	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 43.5	η < 0.1	η = 2.2	x: 1.305 m η = 1.5	η = 0.2	**CUMPLE η = 43.5**
N160/N161	x: 1.303 m η = 40.5	x: 0.051 m η = 9.2	x: 1.305 m η = 6.9	x: 0.051 m η = 1.3	x: 0.051 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 47.6	η < 0.1	η = 0.1	x: 0.051 m η = 1.0	η = 0.1	**CUMPLE η = 47.6**
N161/N162	x: 1.303 m η = 61.2	x: 0.051 m η = 14.1	x: 1.305 m η = 14.9	x: 1.305 m η = 1.1	x: 0.051 m η = 2.4	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 77.1	η < 0.1	η = 0.4	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 77.1**
N162/N163	x: 1.302 m η = 77.8	x: 0.051 m η = 17.5	x: 1.095 m η = 7.8	x: 0.051 m η = 2.6	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 87.1	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 87.1**
N163/N164	x: 1.302 m η = 48.8	x: 0.052 m η = 11.1	x: 1.304 m η = 8.7	x: 1.304 m η = 1.5	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.0	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.0**
N164/N165	x: 1.301 m η = 55.0	x: 0.052 m η = 12.3	x: 0.053 m η = 5.4	x: 0.052 m η = 0.5	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 60.6	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 60.6**
N165/N166	x: 1.301 m η = 61.0	x: 0.053 m η = 13.7	x: 1.303 m η = 9.6	x: 1.303 m η = 0.4	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 70.8	η < 0.1	η = 0.1	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 70.8**
N166/N167	x: 1.3 m η = 64.7	x: 0.053 m η = 14.4	x: 0.053 m η = 7.4	x: 0.053 m η = 1.0	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.1	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.1**
N167/N158	x: 1.313 m η = 67.4	x: 0.054 m η = 15.1	x: 1.315 m η = 13.6	x: 1.315 m η = 1.4	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 82.5	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 82.5**
N156/N176	x: 1.304 m η = 0.4	x: 0.131 m η = 0.1	x: 0.131 m η = 60.2	x: 0.131 m η = 1.9	x: 0.131 m η = 10.2	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 60.9	η < 0.1	η = 0.7	x: 0.131 m η = 6.3	η = 0.1	**CUMPLE η = 60.9**
N176/N175	x: 1.303 m η = 24.8	x: 0.05 m η = 5.8	x: 0.05 m η = 17.0	x: 1.305 m η = 3.3	x: 1.305 m η = 1.3	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 41.9	η < 0.1	η = 1.4	x: 1.305 m η = 1.0	η = 0.2	**CUMPLE η = 41.9**
N175/N174	x: 1.303 m η = 44.7	x: 0.051 m η = 10.1	x: 1.305 m η = 6.9	x: 0.051 m η = 1.7	x: 0.051 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 51.6	η < 0.1	η = 0.1	x: 0.051 m η = 0.9	η = 0.1	**CUMPLE η = 51.6**
N174/N173	x: 1.303 m η = 64.8	x: 0.051 m η = 14.8	x: 1.305 m η = 15.1	x: 1.305 m η = 2.0	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 80.0	η < 0.1	η = 0.3	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 80.0**
N173/N172	x: 1.302 m η = 81.0	x: 0.051 m η = 18.1	x: 1.095 m η = 8.0	x: 0.051 m η = 2.4	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.469 m η = 89.6	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 89.6**
N172/N171	x: 1.302 m η = 50.1	x: 0.052 m η = 11.3	x: 1.304 m η = 8.7	x: 1.304 m η = 1.5	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.8	η < 0.1	η < 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.8**
N171/N170	x: 1.301 m η = 56.1	x: 0.052 m η = 12.5	x: 0.052 m η = 5.6	x: 0.052 m η = 0.6	x: 1.303 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 62.1	η < 0.1	η < 0.1	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 62.1**
N170/N169	x: 1.301 m η = 61.7	x: 0.053 m η = 13.9	x: 1.303 m η = 9.6	x: 1.303 m η = 0.7	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.7	η < 0.1	η = 0.1	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 71.7**
N169/N168	x: 1.3 m η = 65.1	x: 0.053 m η = 14.5	x: 0.053 m η = 7.5	x: 0.053 m η = 1.0	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.0	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.0**
N168/N158	x: 1.313 m η = 67.5	x: 0.054 m η = 15.1	x: 1.315 m η = 13.6	x: 1.315 m η = 1.3	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 81.9	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 81.9**
N166/N143	x: 1.59 m η = 37.3	x: 0.091 m η = 10.2	x: 1.59 m η = 13.3	x: 0.091 m η = 0.8	η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 51.2	η < 0.1	η = 0.1	η = 0.4	η < 0.1	**CUMPLE η = 51.2**
N167/N144	x: 1.55 m η = 20.2	x: 0.091 m η = 4.9	x: 0.091 m η = 10.9	x: 1.55 m η = 0.2	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 31.3	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 31.3**
N165/N142	x: 1.63 m η = 38.8	x: 0.091 m η = 9.2	x: 1.63 m η = 17.1	x: 0.091 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 56.1	η < 0.1	η = 0.1	η = 0.5	η < 0.1	**CUMPLE η = 56.1**
N164/N141	x: 1.67 m η = 55.1	x: 0.091 m η = 14.3	x: 1.67 m η = 20.6	x: 0.091 m η = 0.8	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 76.2	η < 0.1	η = 0.2	η = 1.6	η = 0.1	**CUMPLE η = 76.2**
N163/N140	x: 1.71 m η = 56.3	x: 0.091 m η = 13.2	x: 1.71 m η = 23.8	x: 1.71 m η = 0.5	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.3	η < 0.1	η = 0.3	η = 1.8	η < 0.1	**CUMPLE η = 80.3**
N159/N136	x: 1.869 m η = 42.0	x: 0.091 m η = 9.8	x: 0.091 m η = 28.3	x: 0.091 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.3	η < 0.1	η = 0.5	η = 1.8	η < 0.1	**CUMPLE η = 70.3**
N160/N137	x: 1.829 m η = 61.0	x: 0.091 m η = 15.0	x: 1.83 m η = 20.8	x: 0.091 m η = 1.4	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 82.0	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 82.0**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N161/N138	x: 1.789 m η = 47.2	x: 0.091 m η = 11.0	x: 1.79 m η = 19.7	x: 0.091 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.1	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 67.1**
N162/N139	x: 1.75 m η = 72.4	x: 0.091 m η = 18.2	x: 1.75 m η = 26.8	x: 0.091 m η = 0.8	η = 3.4	η = 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 99.8	η < 0.1	η = 0.2	η = 0.8	η < 0.1	**CUMPLE η = 99.8**
N169/N147	x: 1.59 m η = 35.3	x: 0.091 m η = 9.8	x: 1.59 m η = 12.4	x: 0.091 m η = 0.9	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 48.3	η < 0.1	η = 0.2	η = 0.4	η < 0.1	**CUMPLE η = 48.3**
N168/N146	x: 1.55 m η = 18.2	x: 0.091 m η = 4.5	x: 0.091 m η = 10.1	x: 1.55 m η = 0.2	η = 1.4	η < 0.1	η < 0.1	x: 0.091 m η < 0.1	x: 1.55 m η = 28.3	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 28.3**
N170/N148	x: 1.63 m η = 36.9	x: 0.091 m η = 8.8	x: 1.63 m η = 16.3	x: 0.091 m η = 0.1	η = 2.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 53.3	η < 0.1	η = 0.1	η = 0.5	η < 0.1	**CUMPLE η = 53.3**
N171/N149	x: 1.67 m η = 53.2	x: 0.091 m η = 13.9	x: 1.67 m η = 19.8	x: 0.091 m η = 0.7	η = 2.6	η = 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 73.6	η < 0.1	η = 0.3	η = 1.5	η = 0.1	**CUMPLE η = 73.6**
N172/N150	x: 1.71 m η = 54.5	x: 0.091 m η = 12.9	x: 1.71 m η = 23.1	x: 1.71 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 77.8	η < 0.1	η = 0.3	η = 1.8	η < 0.1	**CUMPLE η = 77.8**
N175/N153	x: 1.829 m η = 59.2	x: 0.091 m η = 14.7	x: 1.83 m η = 20.5	x: 0.091 m η = 0.7	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 79.9	η < 0.1	η = 0.1	η = 1.4	η < 0.1	**CUMPLE η = 79.9**
N174/N152	x: 1.789 m η = 46.2	x: 0.091 m η = 10.8	x: 1.79 m η = 19.2	x: 1.789 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 65.4	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 65.4**
N173/N151	x: 1.75 m η = 70.6	x: 0.091 m η = 17.9	x: 1.75 m η = 26.1	x: 0.091 m η = 0.7	η = 3.3	η = 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 96.9	η < 0.1	η = 0.2	η = 1.9	η < 0.1	**CUMPLE η = 96.9**
N176/N154	x: 1.869 m η = 44.3	x: 0.091 m η = 10.4	x: 0.091 m η = 26.6	x: 0.091 m η = 0.3	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.8	η < 0.1	η = 0.5	η = 1.7	η < 0.1	**CUMPLE η = 70.8**
N167/N145	x: 2.01 m η = 5.7	x: 0.12 m η = 21.3	x: 0.12 m η = 6.3	x: 0.12 m η = 0.7	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.4	η < 0.1	η = 0.3	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 28.4**
N166/N144	x: 2.042 m η = 6.1	x: 0.119 m η = 28.8	x: 0.119 m η = 9.0	x: 0.119 m η = 0.9	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 38.8	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 38.8**
N165/N143	x: 2.075 m η = 11.8	x: 0.118 m η = 47.4	x: 0.118 m η = 10.4	x: 0.118 m η = 0.3	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 57.8	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 57.8**
N164/N142	x: 2.107 m η = 11.1	x: 0.117 m η = 50.6	x: 0.117 m η = 12.8	x: 0.117 m η = 0.2	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 63.4	η < 0.1	η = 0.2	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 63.4**
N163/N141	x: 2.14 m η = 16.8	x: 0.116 m η = 69.2	x: 0.116 m η = 14.0	x: 0.116 m η = 0.7	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	x: 0.116 m η < 0.1	x: 0.116 m η = 83.9	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 83.9**
N162/N140	x: 2.173 m η = 15.9	x: 0.115 m η = 71.6	x: 0.115 m η = 16.2	x: 0.115 m η = 0.8	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 88.6	η < 0.1	η = 0.3	x: 0.115 m η = 0.6	η < 0.1	**CUMPLE η = 88.6**
N161/N139	x: 2.206 m η = 14.0	x: 0.114 m η = 58.5	x: 0.114 m η = 11.6	x: 0.114 m η = 0.1	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 70.2	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 70.2**
N160/N138	x: 2.239 m η = 13.1	x: 0.113 m η = 58.8	x: 2.239 m η = 11.9	x: 0.113 m η = 0.5	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 70.6	η < 0.1	η = 0.3	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 70.6**
N159/N137	x: 2.273 m η = 17.2	x: 0.112 m η = 73.0	x: 0.112 m η = 20.2	x: 0.112 m η = 0.6	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 93.2	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 93.2**
N134/N136	x: 2.307 m η = 12.3	x: 0.232 m η = 55.6	x: 0.232 m η = 17.4	x: 0.232 m η = 1.0	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 73.9	η < 0.1	η = 0.2	x: 0.232 m η = 0.8	η < 0.1	**CUMPLE η = 73.9**
N168/N145	x: 2.01 m η = 5.2	x: 0.12 m η = 18.5	x: 0.12 m η = 5.9	x: 0.12 m η = 0.6	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 25.0	η < 0.1	η = 0.3	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 25.0**
N169/N146	x: 2.042 m η = 5.6	x: 0.119 m η = 26.2	x: 0.119 m η = 8.6	x: 0.119 m η = 0.8	x: 2.042 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 35.3	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 35.3**
N170/N147	x: 2.075 m η = 11.3	x: 0.118 m η = 44.8	x: 0.118 m η = 9.9	x: 0.118 m η = 0.3	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 55.0	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 55.0**
N171/N148	x: 2.107 m η = 10.6	x: 0.117 m η = 48.1	x: 0.117 m η = 12.3	x: 0.117 m η = 0.4	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 60.8	η < 0.1	η = 0.1	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 60.8**
N172/N149	x: 2.14 m η = 16.3	x: 0.116 m η = 66.8	x: 0.116 m η = 13.6	x: 0.116 m η = 0.5	x: 2.14 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 80.8	η < 0.1	η = 0.3	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 80.8**
N173/N150	x: 2.173 m η = 15.5	x: 0.115 m η = 69.2	x: 0.115 m η = 15.8	x: 0.115 m η = 1.0	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 85.7	η < 0.1	η < 0.1	x: 2.173 m η = 1.1	η = 0.1	**CUMPLE η = 85.7**
N174/N151	x: 2.206 m η = 13.7	x: 0.114 m η = 57.0	x: 0.114 m η = 11.3	x: 0.114 m η = 0.1	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 68.4	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 68.4**
N175/N152	x: 2.239 m η = 12.9	x: 0.113 m η = 57.6	x: 2.239 m η = 11.7	x: 0.113 m η = 0.6	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 69.1	η < 0.1	η = 0.1	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 69.1**
N176/N153	x: 2.273 m η = 16.9	x: 0.112 m η = 71.1	x: 0.112 m η = 18.5	x: 0.112 m η = 0.6	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 89.9	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 89.9**
N156/N154	x: 2.307 m η = 12.7	x: 0.232 m η = 56.7	x: 0.232 m η = 10.9	x: 2.307 m η = 0.4	x: 0.232 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 67.6	η < 0.1	η = 0.1	x: 0.232 m η = 0.5	η < 0.1	**CUMPLE η = 67.6**
N177/N178	x: 6.108 m η = 1.5	x: 0 m η = 21.9	x: 6.109 m η = 62.7	x: 0 m η = 7.2	η = 10.8	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 80.1	η < 0.1	η < 0.1	η = 2.5	η = 0.2	**CUMPLE η = 80.1**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N178/N179	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 43.6	x: 0.091 m η = 0.2	η = 13.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 43.7	η < 0.1	η = 0.2	η = 3.2	η < 0.1	**CUMPLE η = 43.7**
N179/N180	η = 12.9	η = 3.1	x: 1.306 m η = 13.2	x: 1.306 m η = 0.3	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.1	η < 0.1	η = 0.9	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.1**
N180/N181	η = 1.4	η = 5.8	x: 0.049 m η = 18.5	x: 1.306 m η = 0.5	x: 0.049 m η = 4.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 24.3	η < 0.1	η = 0.9	x: 0.049 m η = 2.5	η < 0.1	**CUMPLE η = 24.3**
N181/N182	η = 7.1	η = 30.7	x: 1.306 m η = 9.4	x: 1.306 m η = 0.5	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 40.4	η < 0.1	η = 0.8	x: 0.049 m η = 0.9	η < 0.1	**CUMPLE η = 40.4**
N182/N183	η = 11.6	η = 51.2	x: 1.305 m η = 12.1	x: 0.258 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 63.5	η < 0.1	η = 0.7	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 63.5**
N183/N184	η = 16.4	η = 71.8	x: 1.305 m η = 11.0	x: 0.259 m η = 0.1	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 82.8	η < 0.1	η = 0.4	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 82.8**
N184/N185	η = 10.4	η = 45.8	x: 1.304 m η = 7.2	x: 1.304 m η = 0.2	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 53.2	η < 0.1	η = 0.1	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 53.2**
N185/N186	η = 12.3	η = 54.2	x: 1.304 m η = 6.3	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 60.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 60.7**
N186/N187	η = 13.7	η = 60.5	x: 1.304 m η = 7.8	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 68.4	η < 0.1	η < 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 68.4**
N187/N188	η = 15.2	η = 66.5	x: 1.094 m η = 6.2	x: 1.303 m η = 0.2	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 72.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 72.9**
N188/N189	η = 15.9	η = 70.2	x: 1.303 m η = 11.2	x: 1.303 m η = 0.5	x: 0.052 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 81.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 81.8**
N189/N190	η = 16.0	η = 70.5	x: 0.052 m η = 11.1	x: 0.052 m η = 0.5	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 82.1	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 82.1**
N190/N191	η = 15.4	η = 67.1	x: 0.469 m η = 6.2	x: 0.052 m η = 0.2	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 73.5	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 73.5**
N191/N192	η = 14.0	η = 61.5	x: 0.051 m η = 7.7	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 69.3	η < 0.1	η < 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 69.3**
N192/N193	η = 12.8	η = 55.5	x: 0.051 m η = 6.3	x: 1.302 m η = 0.2	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 61.9	η < 0.1	η < 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 61.9**
N193/N194	η = 10.8	η = 47.4	x: 0.051 m η = 7.2	x: 0.051 m η = 0.2	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 54.7	η < 0.1	η = 0.1	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 54.7**
N194/N195	η = 17.4	η = 75.3	x: 0.05 m η = 11.1	x: 0.678 m η = 0.1	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 86.4	η < 0.1	η = 0.2	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 86.4**
N195/N196	η = 12.7	η = 55.3	x: 0.05 m η = 12.3	x: 1.306 m η = 0.1	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 67.5	η < 0.1	η = 0.4	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 67.5**
N196/N197	η = 8.3	η = 35.2	x: 0.049 m η = 9.5	x: 0.049 m η = 0.3	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 44.8	η < 0.1	η = 0.5	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 44.8**
N197/N198	η = 2.7	η = 10.9	x: 1.306 m η = 15.5	x: 0.049 m η = 0.3	x: 1.306 m η = 3.7	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.4	η < 0.1	η = 0.7	x: 1.306 m η = 2.3	η < 0.1	**CUMPLE η = 26.4**
N198/N199	η = 8.1	η = 2.4	x: 0.049 m η = 9.5	x: 0.049 m η = 0.4	x: 1.225 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 17.8	η < 0.1	η = 0.5	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 17.8**
N201/N427	x: 0.15 m η = 1.0	x: 0 m η = 8.1	x: 0 m η = 4.2	x: 0 m η = 6.3	η = 8.6	η = 0.4	η < 0.1	η < 0.1	x: 0 m η = 12.3	η < 0.1	η = 0.1	η = 6.3	η = 0.2	**CUMPLE η = 12.3**
N427/N419	x: 2.55 m η = 1.4	x: 0 m η = 8.8	x: 2.55 m η = 41.2	x: 0 m η = 5.8	η = 9.6	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 49.8	η < 0.1	η = 0.1	η = 6.3	η = 0.2	**CUMPLE η = 49.8**
N419/N200	x: 0.108 m η = 1.5	x: 0 m η = 7.7	x: 0.109 m η = 43.1	x: 0.109 m η = 3.0	η = 10.6	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 51.7	η < 0.1	η = 0.1	η = 6.3	η = 0.1	**CUMPLE η = 51.7**
N200/N199	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 28.6	x: 0.091 m η = 0.1	η = 8.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.8	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 28.8**
N202/N189	x: 1.51 m η = 32.8	x: 0.091 m η = 9.5	x: 1.51 m η = 0.4	x: 0.091 m η = 1.1	η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 1.51 m η = 34.2	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 34.2**
N178/N203	x: 1.304 m η = 0.8	x: 0.131 m η = 2.7	x: 0.131 m η = 75.7	x: 0.131 m η = 1.4	x: 0.131 m η = 12.8	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 79.8	η < 0.1	η = 1.1	x: 0.131 m η = 7.6	η = 0.1	**CUMPLE η = 79.8**
N203/N204	x: 1.303 m η = 20.2	x: 0.05 m η = 4.8	x: 0.05 m η = 23.1	x: 1.305 m η = 2.4	x: 1.305 m η = 2.3	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 43.5	η < 0.1	η = 2.2	x: 1.305 m η = 1.5	η = 0.3	**CUMPLE η = 43.5**
N204/N205	x: 1.303 m η = 40.6	x: 0.051 m η = 9.1	x: 1.305 m η = 6.9	x: 0.051 m η = 1.6	x: 0.051 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 47.6	η < 0.1	η < 0.1	x: 1.305 m η = 0.4	η = 0.1	**CUMPLE η = 47.6**
N205/N206	x: 1.303 m η = 61.2	x: 0.051 m η = 13.9	x: 1.305 m η = 14.9	x: 1.305 m η = 1.7	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 77.7	η < 0.1	η = 0.3	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 77.7**
N206/N207	x: 1.302 m η = 77.8	x: 0.051 m η = 17.4	x: 1.095 m η = 7.8	x: 0.051 m η = 2.3	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.26 m η = 86.8	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 86.8**
N207/N208	x: 1.302 m η = 48.7	x: 0.052 m η = 11.0	x: 1.304 m η = 8.7	x: 1.304 m η = 1.4	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 58.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 58.8**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N208/N209	x: 1.301 m η = 55.0	x: 0.052 m η = 12.2	x: 0.054 m η = 5.4	x: 0.052 m η = 0.4	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 60.9	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 60.9**
N209/N210	x: 1.301 m η = 61.0	x: 0.053 m η = 13.6	x: 1.303 m η = 9.6	x: 1.303 m η = 0.5	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.1	η < 0.1	η < 0.1	x: 1.303 m η = 0.5	η = 0.1	**CUMPLE η = 71.1**
N210/N211	x: 1.3 m η = 64.7	x: 0.053 m η = 14.3	x: 0.053 m η = 7.4	x: 0.053 m η = 1.0	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.0	η < 0.1	η = 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.0**
N211/N202	x: 1.313 m η = 67.4	x: 0.054 m η = 15.0	x: 1.315 m η = 13.6	x: 1.315 m η = 1.4	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 82.5	η < 0.1	η < 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 82.5**
N200/N220	x: 1.304 m η = 0.4	x: 0.131 m η = 0.1	x: 0.131 m η = 60.5	x: 0.131 m η = 2.0	x: 0.131 m η = 10.3	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 61.3	η < 0.1	η = 0.7	x: 0.131 m η = 6.3	η = 0.2	**CUMPLE η = 61.3**
N220/N219	x: 1.303 m η = 24.8	x: 0.05 m η = 5.8	x: 0.05 m η = 17.2	x: 1.305 m η = 3.4	x: 1.305 m η = 1.3	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 42.0	η < 0.1	η = 1.4	x: 1.305 m η = 1.0	η = 0.3	**CUMPLE η = 42.0**
N219/N218	x: 1.303 m η = 44.7	x: 0.051 m η = 10.0	x: 1.305 m η = 6.9	x: 0.051 m η = 1.9	x: 0.051 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 51.6	η < 0.1	η = 0.1	x: 0.051 m η = 0.9	η = 0.1	**CUMPLE η = 51.6**
N218/N217	x: 1.303 m η = 64.8	x: 0.051 m η = 14.7	x: 1.305 m η = 15.1	x: 1.305 m η = 2.2	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 80.4	η < 0.1	η = 0.1	x: 0.051 m η = 1.4	η = 0.2	**CUMPLE η = 80.4**
N217/N216	x: 1.302 m η = 80.9	x: 0.051 m η = 18.1	x: 1.095 m η = 8.0	x: 0.051 m η = 2.2	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.469 m η = 89.3	η < 0.1	η < 0.1	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 89.3**
N216/N215	x: 1.302 m η = 50.0	x: 0.052 m η = 11.3	x: 1.304 m η = 8.7	x: 1.304 m η = 1.3	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.5	η < 0.1	η < 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.5**
N215/N214	x: 1.301 m η = 56.0	x: 0.052 m η = 12.5	x: 0.052 m η = 5.6	x: 0.052 m η = 0.7	x: 1.303 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 61.8	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 61.8**
N214/N213	x: 1.301 m η = 61.7	x: 0.053 m η = 13.8	x: 1.303 m η = 9.6	x: 1.303 m η = 0.8	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.4	η < 0.1	η < 0.1	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 71.4**
N213/N212	x: 1.3 m η = 65.0	x: 0.053 m η = 14.4	x: 0.053 m η = 7.5	x: 0.053 m η = 0.9	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.0	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.0**
N212/N202	x: 1.313 m η = 67.4	x: 0.054 m η = 15.0	x: 1.315 m η = 13.6	x: 1.315 m η = 1.3	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 81.8	η < 0.1	η < 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 81.8**
N210/N187	x: 1.59 m η = 37.3	x: 0.091 m η = 10.1	x: 1.59 m η = 13.3	x: 0.091 m η = 0.4	η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 51.0	η < 0.1	η = 0.2	η = 0.4	η < 0.1	**CUMPLE η = 51.0**
N211/N188	x: 1.55 m η = 20.1	x: 0.091 m η = 4.8	x: 0.091 m η = 10.9	x: 1.55 m η = 0.2	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 31.1	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 31.1**
N209/N186	x: 1.63 m η = 38.8	x: 0.091 m η = 9.1	x: 1.63 m η = 17.1	x: 0.476 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 56.0	η < 0.1	η < 0.1	η = 0.5	η < 0.1	**CUMPLE η = 56.0**
N208/N185	x: 1.67 m η = 55.1	x: 0.091 m η = 14.2	x: 1.67 m η = 20.6	x: 0.091 m η = 0.5	η = 2.7	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 75.9	η < 0.1	η = 0.3	η = 1.6	η < 0.1	**CUMPLE η = 75.9**
N207/N184	x: 1.71 m η = 56.3	x: 0.091 m η = 13.1	x: 1.71 m η = 23.8	x: 1.71 m η = 0.5	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.1	η < 0.1	η = 0.2	η = 1.8	η < 0.1	**CUMPLE η = 80.1**
N203/N180	x: 1.869 m η = 41.9	x: 0.091 m η = 9.7	x: 0.091 m η = 28.2	x: 0.091 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.1	η < 0.1	η = 0.6	η = 1.8	η < 0.1	**CUMPLE η = 70.1**
N204/N181	x: 1.829 m η = 60.9	x: 0.091 m η = 14.9	x: 1.83 m η = 20.8	x: 0.091 m η = 1.4	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 81.8	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 81.8**
N205/N182	x: 1.789 m η = 47.2	x: 0.091 m η = 10.9	x: 1.79 m η = 19.7	x: 1.789 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.0	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 67.0**
N206/N183	x: 1.75 m η = 72.4	x: 0.091 m η = 18.1	x: 1.75 m η = 26.8	x: 0.091 m η = 0.6	η = 3.4	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 99.5	η < 0.1	η = 0.3	η = 2.0	η < 0.1	**CUMPLE η = 99.5**
N213/N191	x: 1.59 m η = 35.4	x: 0.091 m η = 9.7	x: 1.59 m η = 12.4	x: 0.091 m η = 0.5	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 48.2	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 48.2**
N212/N190	x: 1.55 m η = 18.2	x: 0.091 m η = 4.4	x: 0.091 m η = 10.1	x: 1.55 m η = 0.2	η = 1.4	η < 0.1	η < 0.1	x: 0.091 m η < 0.1	x: 1.55 m η = 28.3	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 28.3**
N214/N192	x: 1.63 m η = 36.9	x: 0.091 m η = 8.8	x: 1.63 m η = 16.3	x: 1.629 m η = 0.1	η = 2.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 53.3	η < 0.1	η = 0.1	η = 0.5	η < 0.1	**CUMPLE η = 53.3**
N215/N193	x: 1.67 m η = 53.2	x: 0.091 m η = 13.8	x: 1.67 m η = 19.8	x: 1.67 m η = 0.4	η = 2.6	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 73.3	η < 0.1	η = 0.3	η = 1.5	η < 0.1	**CUMPLE η = 73.3**
N216/N194	x: 1.71 m η = 54.5	x: 0.091 m η = 12.7	x: 1.71 m η = 23.1	x: 1.71 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 77.7	η < 0.1	η = 0.3	η = 1.7	η < 0.1	**CUMPLE η = 77.7**
N219/N197	x: 1.829 m η = 59.2	x: 0.091 m η = 14.6	x: 1.83 m η = 20.5	x: 0.091 m η = 0.7	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 79.7	η < 0.1	η = 0.1	η = 0.6	η < 0.1	**CUMPLE η = 79.7**
N218/N196	x: 1.789 m η = 46.2	x: 0.091 m η = 10.7	x: 1.79 m η = 19.2	x: 1.79 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 65.4	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 65.4**
N217/N195	x: 1.75 m η = 70.6	x: 0.091 m η = 17.7	x: 1.75 m η = 26.1	x: 0.091 m η = 0.3	η = 3.3	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 96.8	η < 0.1	η = 0.2	η = 1.9	η < 0.1	**CUMPLE η = 96.8**
N220/N198	x: 1.869 m η = 44.1	x: 0.091 m η = 10.3	x: 0.091 m η = 26.6	x: 0.091 m η = 0.3	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.7	η < 0.1	η = 0.5	η = 1.7	η < 0.1	**CUMPLE η = 70.7**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N211/N189	x: 2.01 m η = 5.6	x: 0.12 m η = 21.2	x: 0.12 m η = 6.3	x: 0.12 m η = 0.8	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.3	η < 0.1	η = 0.4	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 28.3**
N210/N188	x: 2.042 m η = 6.0	x: 0.119 m η = 28.7	x: 0.119 m η = 9.0	x: 0.119 m η = 0.7	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 38.5	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 38.5**
N209/N187	x: 2.075 m η = 11.7	x: 0.118 m η = 47.4	x: 0.118 m η = 10.4	x: 0.314 m η = 0.2	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 57.8	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 57.8**
N208/N186	x: 2.107 m η = 11.0	x: 0.117 m η = 50.6	x: 0.117 m η = 12.7	x: 0.117 m η = 0.3	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 63.6	η < 0.1	η = 0.2	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 63.6**
N207/N185	x: 2.14 m η = 16.6	x: 0.116 m η = 69.1	x: 0.116 m η = 14.0	x: 0.116 m η = 0.6	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 83.6	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 83.6**
N206/N184	x: 2.173 m η = 15.8	x: 0.115 m η = 71.5	x: 0.115 m η = 16.2	x: 0.115 m η = 0.7	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 88.3	η < 0.1	η = 0.2	x: 0.115 m η = 0.6	η < 0.1	**CUMPLE η = 88.3**
N205/N183	x: 2.206 m η = 13.9	x: 0.114 m η = 58.4	x: 0.114 m η = 11.6	x: 0.114 m η = 0.2	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 70.2	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 70.2**
N204/N182	x: 2.239 m η = 13.0	x: 0.113 m η = 58.8	x: 2.239 m η = 11.9	x: 0.113 m η = 0.6	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 70.5	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 70.5**
N203/N181	x: 2.273 m η = 17.1	x: 0.112 m η = 72.9	x: 0.112 m η = 20.1	x: 0.112 m η = 0.6	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 93.0	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 93.0**
N178/N180	x: 2.307 m η = 12.2	x: 0.232 m η = 55.5	x: 0.232 m η = 17.4	x: 0.232 m η = 1.0	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 73.9	η < 0.1	η = 0.3	x: 0.232 m η = 0.8	η < 0.1	**CUMPLE η = 73.9**
N212/N189	x: 2.01 m η = 5.1	x: 0.12 m η = 18.5	x: 0.12 m η = 5.9	x: 0.12 m η = 0.6	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 25.0	η < 0.1	η = 0.3	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 25.0**
N213/N190	x: 2.042 m η = 5.5	x: 0.119 m η = 26.2	x: 0.119 m η = 8.6	x: 0.119 m η = 0.7	x: 2.042 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 35.2	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 35.2**
N214/N191	x: 2.075 m η = 11.2	x: 0.118 m η = 44.9	x: 0.118 m η = 10.0	x: 0.118 m η = 0.2	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 55.0	η < 0.1	η = 0.2	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 55.0**
N215/N192	x: 2.107 m η = 10.5	x: 0.117 m η = 48.2	x: 0.117 m η = 12.3	x: 0.117 m η = 0.5	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 60.6	η < 0.1	η = 0.1	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 60.6**
N216/N193	x: 2.14 m η = 16.2	x: 0.116 m η = 66.8	x: 0.116 m η = 13.6	x: 0.116 m η = 0.4	x: 2.14 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 80.7	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 80.7**
N217/N194	x: 2.173 m η = 15.3	x: 0.115 m η = 69.2	x: 0.115 m η = 15.8	x: 0.115 m η = 0.9	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 85.5	η < 0.1	η = 0.1	x: 0.115 m η = 0.6	η < 0.1	**CUMPLE η = 85.5**
N218/N195	x: 2.206 m η = 13.6	x: 0.114 m η = 57.0	x: 0.114 m η = 11.3	x: 0.114 m η = 0.2	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 68.3	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 68.3**
N219/N196	x: 2.239 m η = 12.8	x: 0.113 m η = 57.5	x: 2.239 m η = 11.7	x: 0.113 m η = 0.6	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 69.2	η < 0.1	η = 0.1	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 69.2**
N220/N197	x: 2.273 m η = 16.8	x: 0.112 m η = 71.0	x: 0.112 m η = 18.5	x: 0.112 m η = 0.6	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 89.8	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 89.8**
N200/N198	x: 2.307 m η = 12.6	x: 0.232 m η = 56.6	x: 0.232 m η = 11.0	x: 2.307 m η = 0.4	x: 0.232 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 67.7	η < 0.1	η = 0.1	x: 0.232 m η = 0.5	η < 0.1	**CUMPLE η = 67.7**
N221/N222	x: 6.108 m η = 1.5	x: 0 m η = 22.0	x: 6.109 m η = 63.3	x: 0 m η = 7.0	η = 10.9	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 80.9	η < 0.1	η < 0.1	η = 2.6	η = 0.2	**CUMPLE η = 80.9**
N222/N223	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 44.0	x: 0.091 m η = 0.2	η = 13.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 44.1	η < 0.1	η = 0.2	η = 8.0	η < 0.1	**CUMPLE η = 44.1**
N223/N224	η = 13.0	η = 3.1	x: 1.306 m η = 13.4	x: 1.306 m η = 0.4	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.5	η < 0.1	η = 1.0	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.5**
N224/N225	η = 1.4	η = 5.7	x: 0.049 m η = 18.6	x: 1.306 m η = 0.6	x: 0.049 m η = 4.1	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 24.4	η < 0.1	η = 1.0	x: 0.049 m η = 2.5	η < 0.1	**CUMPLE η = 24.4**
N225/N226	η = 7.2	η = 30.9	x: 1.306 m η = 9.4	x: 1.306 m η = 0.5	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 40.6	η < 0.1	η = 0.9	x: 0.049 m η = 0.9	η < 0.1	**CUMPLE η = 40.6**
N226/N227	η = 11.7	η = 51.5	x: 1.305 m η = 12.1	x: 1.305 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 63.9	η < 0.1	η = 0.8	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 63.9**
N227/N228	η = 16.5	η = 72.1	x: 1.305 m η = 11.0	x: 0.05 m η = 0.2	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 83.3	η < 0.1	η = 0.5	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 83.3**
N228/N229	η = 10.4	η = 46.0	x: 1.304 m η = 7.2	x: 1.302 m η = 0.1	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 53.4	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 53.4**
N229/N230	η = 12.4	η = 54.5	x: 1.304 m η = 6.4	x: 0.051 m η = 0.1	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 60.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 60.9**
N230/N231	η = 13.8	η = 60.9	x: 1.304 m η = 7.8	x: 1.304 m η = 0.2	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 68.8	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 68.8**
N231/N232	η = 15.3	η = 66.9	x: 1.094 m η = 6.3	x: 1.303 m η = 0.2	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 73.3	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 73.3**
N232/N233	η = 16.1	η = 70.6	x: 1.303 m η = 11.3	x: 1.303 m η = 0.5	x: 0.052 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 82.4	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 82.4**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N233/N234	η = 16.2	η = 70.9	x: 0.052 m η = 11.2	x: 0.052 m η = 0.5	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 82.6	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 82.6**
N234/N235	η = 15.5	η = 67.6	x: 0.469 m η = 6.3	x: 0.052 m η = 0.2	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 74.0	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 74.0**
N235/N236	η = 14.2	η = 61.9	x: 0.051 m η = 7.8	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 69.8	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 69.8**
N236/N237	η = 12.9	η = 55.9	x: 0.051 m η = 6.4	x: 1.302 m η = 0.1	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 62.3	η < 0.1	η < 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 62.3**
N237/N238	η = 11.0	η = 47.7	x: 0.051 m η = 7.2	x: 1.303 m η = 0.1	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 55.0	η < 0.1	η = 0.1	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 55.0**
N238/N239	η = 17.6	η = 75.8	x: 0.05 m η = 11.1	x: 1.305 m η = 0.3	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 87.0	η < 0.1	η = 0.3	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 87.0**
N239/N240	η = 12.9	η = 55.7	x: 0.05 m η = 12.3	x: 0.05 m η = 0.3	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 68.1	η < 0.1	η = 0.5	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 68.1**
N240/N241	η = 8.5	η = 35.6	x: 0.049 m η = 9.6	x: 0.049 m η = 0.3	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 45.2	η < 0.1	η = 0.6	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 45.2**
N241/N242	η = 2.8	η = 11.1	x: 1.306 m η = 15.5	x: 0.049 m η = 0.3	x: 1.306 m η = 3.7	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.6	η < 0.1	η = 0.7	x: 1.306 m η = 2.3	η < 0.1	**CUMPLE η = 26.6**
N242/N243	η = 8.1	η = 2.5	x: 0.049 m η = 9.5	x: 0.049 m η = 0.4	x: 1.225 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 17.7	η < 0.1	η = 0.6	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 17.7**
N245/N428	x: 0.15 m η = 0.9	x: 0 m η = 8.3	x: 0 m η = 5.1	x: 0 m η = 6.0	η = 7.9	η = 0.4	η < 0.1	η < 0.1	x: 0.15 m η = 12.4	η < 0.1	η = 0.1	η = 6.3	η < 0.1	**CUMPLE η = 12.4**
N428/N420	x: 2.55 m η = 1.3	x: 0 m η = 8.9	x: 2.55 m η = 40.9	x: 0 m η = 5.5	η = 9.4	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 49.3	η < 0.1	η = 0.1	η = 6.3	η < 0.1	**CUMPLE η = 49.3**
N420/N244	x: 0.108 m η = 1.5	x: 0 m η = 7.7	x: 0.109 m η = 42.9	x: 0.109 m η = 2.9	η = 10.8	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 51.2	η < 0.1	η = 0.1	η = 6.3	η = 0.1	**CUMPLE η = 51.2**
N244/N243	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 0.2	x: 0.091 m η = 28.4	x: 0.091 m η = 0.2	η = 8.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.6	η < 0.1	η = 0.1	η = 5.4	η < 0.1	**CUMPLE η = 28.6**
N246/N233	x: 1.51 m η = 33.1	x: 0.091 m η = 9.6	x: 1.51 m η = 0.4	x: 1.51 m η = 0.9	η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.51 m η = 34.4	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 34.4**
N222/N247	x: 1.304 m η = 0.9	x: 0.131 m η = 2.7	x: 0.131 m η = 76.2	x: 0.131 m η = 1.9	x: 0.131 m η = 12.9	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 80.8	η < 0.1	η = 1.2	x: 0.131 m η = 7.6	η = 0.2	**CUMPLE η = 80.8**
N247/N248	x: 1.303 m η = 20.3	x: 0.05 m η = 4.9	x: 0.05 m η = 23.3	x: 1.305 m η = 2.9	x: 1.305 m η = 2.3	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 43.9	η < 0.1	η = 2.3	x: 1.305 m η = 1.5	η = 0.3	**CUMPLE η = 43.9**
N248/N249	x: 1.303 m η = 40.7	x: 0.051 m η = 9.2	x: 1.305 m η = 7.0	x: 0.051 m η = 2.0	x: 0.051 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 47.7	η < 0.1	η = 0.1	x: 0.051 m η = 1.0	η = 0.2	**CUMPLE η = 47.7**
N249/N250	x: 1.303 m η = 61.4	x: 0.051 m η = 14.1	x: 1.305 m η = 14.9	x: 1.305 m η = 2.3	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 78.7	η < 0.1	η = 0.3	x: 0.051 m η = 1.4	η = 0.2	**CUMPLE η = 78.7**
N250/N251	x: 1.302 m η = 78.2	x: 0.051 m η = 17.5	x: 1.095 m η = 7.9	x: 0.051 m η = 2.2	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.26 m η = 87.1	η < 0.1	η = 0.3	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 87.1**
N251/N252	x: 1.302 m η = 49.0	x: 0.052 m η = 11.1	x: 1.304 m η = 8.7	x: 1.304 m η = 1.3	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.0	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.0**
N252/N253	x: 1.301 m η = 55.3	x: 0.052 m η = 12.3	x: 0.053 m η = 5.5	x: 0.052 m η = 0.7	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 61.5	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 61.5**
N253/N254	x: 1.301 m η = 61.3	x: 0.053 m η = 13.8	x: 1.303 m η = 9.6	x: 1.303 m η = 0.8	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.7	η < 0.1	η < 0.1	x: 1.303 m η = 0.5	η = 0.1	**CUMPLE η = 71.7**
N254/N255	x: 1.3 m η = 65.0	x: 0.053 m η = 14.4	x: 0.053 m η = 7.4	x: 0.053 m η = 1.0	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.4	η < 0.1	η = 0.2	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.4**
N255/N246	x: 1.313 m η = 67.8	x: 0.054 m η = 15.1	x: 1.315 m η = 13.7	x: 1.315 m η = 1.5	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 83.1	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 83.1**
N244/N264	x: 1.304 m η = 0.4	x: 0.131 m η = 0.1	x: 0.131 m η = 60.4	x: 0.131 m η = 2.0	x: 0.131 m η = 10.3	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 61.4	η < 0.1	η = 0.8	x: 0.131 m η = 6.3	η = 0.2	**CUMPLE η = 61.4**
N264/N263	x: 1.303 m η = 24.9	x: 0.05 m η = 5.9	x: 0.05 m η = 17.1	x: 1.305 m η = 3.5	x: 1.305 m η = 1.3	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 42.2	η < 0.1	η = 1.5	x: 1.305 m η = 1.0	η = 0.4	**CUMPLE η = 42.2**
N263/N262	x: 1.303 m η = 44.9	x: 0.051 m η = 10.1	x: 1.305 m η = 6.9	x: 0.051 m η = 2.2	x: 0.051 m η = 1.3	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 51.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 51.9**
N262/N261	x: 1.303 m η = 65.1	x: 0.051 m η = 14.8	x: 1.305 m η = 15.1	x: 1.305 m η = 2.6	x: 0.051 m η = 2.4	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 81.4	η < 0.1	η = 0.1	x: 0.051 m η = 1.4	η = 0.3	**CUMPLE η = 81.4**
N261/N260	x: 1.302 m η = 81.4	x: 0.051 m η = 18.2	x: 1.095 m η = 8.0	x: 0.051 m η = 2.1	x: 0.051 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.677 m η = 89.7	η < 0.1	η = 0.3	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 89.7**
N260/N259	x: 1.302 m η = 50.3	x: 0.052 m η = 11.4	x: 1.304 m η = 8.8	x: 1.304 m η = 1.2	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.8**
N259/N258	x: 1.301 m η = 56.3	x: 0.052 m η = 12.6	x: 0.052 m η = 5.6	x: 0.052 m η = 0.9	x: 1.303 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 62.0	η < 0.1	η = 0.1	x: 1.303 m η = 0.2	η = 0.1	**CUMPLE η = 62.0**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N258/N257	x: 1.301 m η = 62.0	x: 0.053 m η = 13.9	x: 1.303 m η = 9.6	x: 1.303 m η = 1.0	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.8	η < 0.1	η < 0.1	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 71.8**
N257/N256	x: 1.3 m η = 65.4	x: 0.053 m η = 14.5	x: 0.053 m η = 7.6	x: 0.053 m η = 0.9	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.4	η < 0.1	η = 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.4**
N256/N246	x: 1.313 m η = 67.8	x: 0.054 m η = 15.1	x: 1.315 m η = 13.7	x: 1.315 m η = 1.3	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 82.5	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 82.5**
N254/N231	x: 1.59 m η = 37.6	x: 0.091 m η = 10.2	x: 1.59 m η = 13.4	x: 0.091 m η = 0.2	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 51.1	η < 0.1	η = 0.2	η = 0.4	η < 0.1	**CUMPLE η = 51.1**
N255/N232	x: 1.55 m η = 20.3	x: 0.091 m η = 4.9	x: 0.091 m η = 11.0	x: 1.55 m η = 0.2	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 31.5	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 31.5**
N253/N230	x: 1.63 m η = 39.1	x: 0.091 m η = 9.2	x: 1.63 m η = 17.2	x: 0.091 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 56.3	η < 0.1	η = 0.1	η = 0.5	η < 0.1	**CUMPLE η = 56.3**
N252/N229	x: 1.67 m η = 55.4	x: 0.091 m η = 14.3	x: 1.67 m η = 20.7	x: 0.091 m η = 0.4	η = 2.7	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 76.1	η < 0.1	η = 0.2	η = 1.6	η < 0.1	**CUMPLE η = 76.1**
N251/N228	x: 1.71 m η = 56.7	x: 0.091 m η = 13.3	x: 1.71 m η = 24.0	x: 1.71 m η = 0.4	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.7	η < 0.1	η = 0.2	η = 1.8	η < 0.1	**CUMPLE η = 80.7**
N247/N224	x: 1.869 m η = 42.2	x: 0.091 m η = 9.8	x: 0.091 m η = 28.4	x: 0.091 m η = 0.5	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.5	η < 0.1	η = 0.6	η = 1.8	η < 0.1	**CUMPLE η = 70.5**
N248/N225	x: 1.829 m η = 61.3	x: 0.091 m η = 15.0	x: 1.83 m η = 20.9	x: 0.091 m η = 1.4	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 82.3	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 82.3**
N249/N226	x: 1.789 m η = 47.4	x: 0.091 m η = 11.0	x: 1.79 m η = 19.8	x: 1.789 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.3	η < 0.1	η = 0.3	η = 1.4	η < 0.1	**CUMPLE η = 67.3**
N250/N227	x: 1.75 m η = 72.8	x: 0.091 m η = 18.2	x: 1.75 m η = 27.0	x: 1.75 m η = 0.7	η = 3.4	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 99.8	η < 0.1	η = 0.3	η = 2.0	η < 0.1	**CUMPLE η = 99.8**
N257/N235	x: 1.59 m η = 35.5	x: 0.091 m η = 9.8	x: 1.59 m η = 12.5	x: 0.091 m η = 0.3	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 48.2	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 48.2**
N256/N234	x: 1.55 m η = 18.3	x: 0.091 m η = 4.5	x: 0.091 m η = 10.1	x: 1.55 m η = 0.2	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 28.5	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 28.5**
N258/N236	x: 1.63 m η = 37.1	x: 0.091 m η = 8.8	x: 1.63 m η = 16.4	x: 0.091 m η = 0.2	η = 2.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 53.5	η < 0.1	η = 0.2	η = 1.3	η < 0.1	**CUMPLE η = 53.5**
N259/N237	x: 1.67 m η = 53.5	x: 0.091 m η = 14.0	x: 1.67 m η = 19.9	x: 0.091 m η = 0.2	η = 2.6	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 73.5	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 73.5**
N260/N238	x: 1.71 m η = 54.8	x: 0.091 m η = 12.9	x: 1.71 m η = 23.2	x: 1.71 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 78.1	η < 0.1	η = 0.3	η = 1.8	η < 0.1	**CUMPLE η = 78.1**
N263/N241	x: 1.829 m η = 59.5	x: 0.091 m η = 14.7	x: 1.83 m η = 20.6	x: 0.091 m η = 0.9	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 80.1	η < 0.1	η = 0.1	η = 1.4	η < 0.1	**CUMPLE η = 80.1**
N262/N240	x: 1.789 m η = 46.4	x: 0.091 m η = 10.8	x: 1.79 m η = 19.3	x: 1.79 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 65.8	η < 0.1	η = 0.3	η = 1.4	η < 0.1	**CUMPLE η = 65.8**
N261/N239	x: 1.75 m η = 70.9	x: 0.091 m η = 17.9	x: 1.75 m η = 26.3	x: 1.75 m η = 0.5	η = 3.3	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 97.4	η < 0.1	η = 0.2	η = 1.9	η < 0.1	**CUMPLE η = 97.4**
N264/N242	x: 1.869 m η = 44.5	x: 0.091 m η = 10.5	x: 0.091 m η = 26.7	x: 0.091 m η = 0.3	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 71.1	η < 0.1	η = 0.5	η = 1.7	η < 0.1	**CUMPLE η = 71.1**
N255/N233	x: 2.01 m η = 5.7	x: 0.12 m η = 21.4	x: 0.12 m η = 6.4	x: 0.12 m η = 0.9	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.7	η < 0.1	η = 0.4	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 28.7**
N254/N232	x: 2.042 m η = 6.1	x: 0.119 m η = 29.0	x: 0.119 m η = 9.1	x: 2.042 m η = 0.6	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 38.7	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 38.7**
N253/N231	x: 2.075 m η = 11.8	x: 0.118 m η = 47.7	x: 0.118 m η = 10.4	x: 0.118 m η = 0.2	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 58.2	η < 0.1	η = 0.1	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 58.2**
N252/N230	x: 2.107 m η = 11.1	x: 0.117 m η = 50.9	x: 0.117 m η = 12.8	x: 0.117 m η = 0.6	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 64.4	η < 0.1	η = 0.2	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 64.4**
N251/N229	x: 2.14 m η = 16.8	x: 0.116 m η = 69.6	x: 0.116 m η = 14.1	x: 0.116 m η = 0.6	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 84.2	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 84.2**
N250/N228	x: 2.173 m η = 16.0	x: 0.115 m η = 72.0	x: 0.115 m η = 16.3	x: 0.115 m η = 0.4	x: 2.173 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 88.6	η < 0.1	η = 0.3	x: 0.115 m η = 0.6	η < 0.1	**CUMPLE η = 88.6**
N249/N227	x: 2.206 m η = 14.0	x: 0.114 m η = 58.8	x: 0.114 m η = 11.7	x: 0.114 m η = 0.3	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 70.7	η < 0.1	η = 0.3	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 70.7**
N248/N226	x: 2.239 m η = 13.1	x: 0.113 m η = 59.1	x: 2.239 m η = 11.9	x: 0.113 m η = 0.6	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 71.0	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 71.0**
N247/N225	x: 2.273 m η = 17.2	x: 0.112 m η = 73.3	x: 0.112 m η = 20.2	x: 0.112 m η = 0.6	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 93.7	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 93.7**
N222/N224	x: 2.307 m η = 12.3	x: 0.232 m η = 55.9	x: 0.232 m η = 17.5	x: 0.232 m η = 1.1	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 74.4	η < 0.1	η = 0.3	x: 0.232 m η = 0.8	η < 0.1	**CUMPLE η = 74.4**
N256/N233	x: 2.01 m η = 5.2	x: 0.12 m η = 18.6	x: 0.12 m η = 6.0	x: 0.12 m η = 0.6	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 25.2	η < 0.1	η = 0.4	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 25.2**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N257/N234	x: 2.042 m η = 5.6	x: 0.119 m η = 26.4	x: 0.119 m η = 8.6	x: 0.119 m η = 0.6	x: 2.042 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 35.2	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 35.2**
N258/N235	x: 2.075 m η = 11.3	x: 0.118 m η = 45.1	x: 0.118 m η = 10.0	x: 0.118 m η = 0.3	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 55.2	η < 0.1	η = 0.2	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 55.2**
N259/N236	x: 2.107 m η = 10.7	x: 0.117 m η = 48.4	x: 0.117 m η = 12.4	x: 0.117 m η = 0.8	x: 2.107 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 61.1	η < 0.1	η = 0.1	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 61.1**
N260/N237	x: 2.14 m η = 16.4	x: 0.116 m η = 67.2	x: 0.116 m η = 13.7	x: 0.116 m η = 0.4	x: 2.14 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 81.1	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 81.1**
N261/N238	x: 2.173 m η = 15.5	x: 0.115 m η = 69.6	x: 0.115 m η = 15.9	x: 0.115 m η = 0.7	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 85.7	η < 0.1	η = 0.1	x: 2.173 m η = 1.1	η < 0.1	**CUMPLE η = 85.7**
N262/N239	x: 2.206 m η = 13.7	x: 0.114 m η = 57.2	x: 0.114 m η = 11.4	x: 0.114 m η = 0.3	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 68.7	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 68.7**
N263/N240	x: 2.239 m η = 12.9	x: 0.113 m η = 57.8	x: 2.239 m η = 11.7	x: 0.113 m η = 0.7	x: 2.239 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 69.7	η < 0.1	η = 0.1	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 69.7**
N264/N241	x: 2.273 m η = 16.9	x: 0.112 m η = 71.4	x: 0.112 m η = 18.6	x: 0.112 m η = 0.6	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 90.2	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 90.2**
N244/N242	x: 2.307 m η = 12.7	x: 0.232 m η = 56.9	x: 0.232 m η = 10.9	x: 0.232 m η = 0.5	x: 0.232 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 68.0	η < 0.1	η = 0.2	x: 0.232 m η = 0.5	η < 0.1	**CUMPLE η = 68.0**
N265/N266	x: 6.108 m η = 1.6	x: 0 m η = 22.3	x: 6.109 m η = 63.4	x: 0 m η = 6.9	η = 10.8	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 81.4	η < 0.1	η = 0.1	η = 6.3	η < 0.1	**CUMPLE η = 81.4**
N266/N267	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 44.1	x: 0.091 m η = 0.2	η = 13.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 44.2	η < 0.1	η = 0.3	η = 8.1	η < 0.1	**CUMPLE η = 44.2**
N267/N268	η = 13.0	η = 3.0	x: 1.306 m η = 13.4	x: 1.306 m η = 0.5	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.9	η < 0.1	η = 1.0	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.9**
N268/N269	η = 1.5	η = 6.0	x: 0.049 m η = 18.8	x: 1.306 m η = 0.8	x: 0.049 m η = 4.1	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 25.1	η < 0.1	η = 0.9	x: 0.049 m η = 2.5	η < 0.1	**CUMPLE η = 25.1**
N269/N270	η = 7.3	η = 31.5	x: 1.306 m η = 9.6	x: 0.049 m η = 0.7	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 41.7	η < 0.1	η = 0.9	x: 0.049 m η = 1.0	η < 0.1	**CUMPLE η = 41.7**
N270/N271	η = 11.9	η = 52.5	x: 1.305 m η = 12.4	x: 0.049 m η = 0.5	x: 0.049 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 65.0	η < 0.1	η = 0.7	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 65.0**
N271/N272	η = 16.8	η = 73.6	x: 1.305 m η = 11.2	x: 0.05 m η = 0.2	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 85.1	η < 0.1	η = 0.6	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 85.1**
N272/N273	η = 10.6	η = 47.0	x: 1.304 m η = 7.3	x: 1.302 m η = 0.2	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 54.5	η < 0.1	η = 0.1	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 54.5**
N273/N274	η = 12.6	η = 55.6	x: 1.304 m η = 6.5	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 62.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 62.2**
N274/N275	η = 14.0	η = 62.1	x: 1.304 m η = 8.0	x: 0.051 m η = 0.1	x: 0.051 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 70.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 70.2**
N275/N276	η = 15.5	η = 68.3	x: 0.886 m η = 6.4	x: 1.303 m η = 0.3	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.301 m η = 74.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 74.9**
N276/N277	η = 16.2	η = 72.0	x: 1.303 m η = 11.4	x: 1.303 m η = 0.7	x: 0.052 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 84.1	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 84.1**
N277/N278	η = 16.3	η = 72.3	x: 0.052 m η = 11.3	x: 0.052 m η = 0.8	x: 1.303 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 84.4	η < 0.1	η = 0.2	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 84.4**
N278/N279	η = 15.6	η = 68.8	x: 0.469 m η = 6.4	x: 0.052 m η = 0.2	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 75.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 75.3**
N279/N280	η = 14.2	η = 63.0	x: 0.051 m η = 8.0	x: 0.051 m η = 0.1	x: 1.304 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 71.0	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 71.0**
N280/N281	η = 12.9	η = 56.7	x: 0.051 m η = 6.5	x: 1.304 m η = 0.2	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 63.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 63.3**
N281/N282	η = 11.0	η = 48.3	x: 0.051 m η = 7.3	x: 0.051 m η = 0.2	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 55.9	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 55.9**
N282/N283	η = 17.6	η = 76.7	x: 0.05 m η = 11.3	x: 1.305 m η = 0.4	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 88.1	η < 0.1	η = 0.2	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 88.1**
N283/N284	η = 12.8	η = 56.1	x: 0.05 m η = 12.6	x: 1.306 m η = 0.6	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 68.7	η < 0.1	η = 0.5	x: 1.306 m η = 1.2	η < 0.1	**CUMPLE η = 68.7**
N284/N285	η = 8.3	η = 35.4	x: 0.049 m η = 9.6	x: 1.304 m η = 0.6	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 45.3	η < 0.1	η = 0.5	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 45.3**
N285/N286	η = 2.5	η = 10.5	x: 1.306 m η = 16.1	x: 0.049 m η = 0.7	x: 1.306 m η = 3.7	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.7	η < 0.1	η = 0.7	x: 1.306 m η = 2.3	η = 0.1	**CUMPLE η = 26.7**
N286/N287	η = 8.8	η = 2.6	x: 0.049 m η = 10.2	x: 0.049 m η = 0.4	x: 0.049 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 19.1	η < 0.1	η = 0.3	x: 0.049 m η = 0.6	η < 0.1	**CUMPLE η = 19.1**
N289/N429	x: 0.15 m η = 1.0	x: 0 m η = 8.3	x: 0 m η = 5.6	x: 0 m η = 5.7	η = 9.6	η = 0.3	η < 0.1	η < 0.1	x: 0 m η = 14.0	η < 0.1	η = 0.1	η = 7.2	η = 0.2	**CUMPLE η = 14.0**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N429/N421	x: 2.55 m η = 1.4	x: 0 m η = 9.0	x: 2.55 m η = 43.8	x: 0 m η = 5.3	η = 10.8	η = 0.3	η < 0.1	η < 0.1	x: 2.55 m η = 52.0	η < 0.1	η = 0.1	η = 7.2	η = 0.1	**CUMPLE η = 52.0**
N421/N288	x: 0.108 m η = 1.5	x: 0 m η = 7.8	x: 0.109 m η = 46.0	x: 0.109 m η = 2.7	η = 11.9	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 54.0	η < 0.1	η = 0.1	η = 7.2	η = 0.1	**CUMPLE η = 54.0**
N288/N287	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 30.9	x: 0.091 m η = 0.1	η = 9.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 31.0	η < 0.1	η = 0.3	η = 5.9	η < 0.1	**CUMPLE η = 31.0**
N290/N277	x: 1.51 m η = 33.5	x: 0.091 m η = 9.5	x: 1.51 m η = 0.3	x: 0.091 m η = 3.4	η < 0.1	η = 0.4	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 37.1	η < 0.1	η = 0.6	η < 0.1	η = 0.2	**CUMPLE η = 37.1**
N266/N291	x: 1.304 m η = 0.8	x: 0.131 m η = 2.7	x: 0.131 m η = 76.7	x: 0.131 m η = 1.1	x: 0.131 m η = 13.0	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 80.4	η < 0.1	η = 0.9	x: 0.131 m η = 7.7	η = 0.1	**CUMPLE η = 80.4**
N291/N292	x: 1.303 m η = 20.7	x: 0.05 m η = 5.0	x: 0.05 m η = 23.4	x: 1.305 m η = 1.5	x: 1.305 m η = 2.3	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 44.5	η < 0.1	η = 1.8	x: 1.305 m η = 1.5	η = 0.2	**CUMPLE η = 44.5**
N292/N293	x: 1.303 m η = 41.5	x: 0.051 m η = 9.4	x: 1.305 m η = 7.1	x: 0.051 m η = 1.6	x: 0.051 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 48.7	η < 0.1	η = 0.9	x: 0.051 m η = 1.1	η = 0.1	**CUMPLE η = 48.7**
N293/N294	x: 1.303 m η = 62.7	x: 0.051 m η = 14.3	x: 1.305 m η = 15.3	x: 1.305 m η = 1.4	x: 0.051 m η = 2.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 79.2	η < 0.1	η = 1.1	x: 0.051 m η = 1.5	η = 0.1	**CUMPLE η = 79.2**
N294/N295	x: 1.302 m η = 79.6	x: 0.051 m η = 17.7	x: 1.095 m η = 8.0	x: 0.051 m η = 2.8	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.469 m η = 88.7	η < 0.1	η = 0.8	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 88.7**
N295/N296	x: 1.302 m η = 49.9	x: 0.052 m η = 11.2	x: 1.304 m η = 8.9	x: 1.304 m η = 1.3	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.7	η < 0.1	η = 0.4	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.7**
N296/N297	x: 1.301 m η = 56.3	x: 0.052 m η = 12.4	x: 0.26 m η = 5.5	x: 0.052 m η = 1.2	x: 0.052 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 62.8	η < 0.1	η = 0.4	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 62.8**
N297/N298	x: 1.301 m η = 62.5	x: 0.053 m η = 13.9	x: 1.303 m η = 9.9	x: 1.303 m η = 1.2	x: 0.053 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 73.3	η < 0.1	η = 0.6	x: 0.053 m η = 0.7	η = 0.1	**CUMPLE η = 73.3**
N298/N299	x: 1.3 m η = 66.1	x: 0.053 m η = 14.5	x: 0.053 m η = 7.7	x: 0.053 m η = 1.4	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 74.8	η < 0.1	η = 0.6	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 74.8**
N299/N290	x: 1.313 m η = 68.9	x: 0.054 m η = 15.2	x: 1.315 m η = 13.9	x: 1.315 m η = 1.0	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 83.2	η < 0.1	η = 0.6	x: 0.054 m η = 1.0	η = 0.1	**CUMPLE η = 83.2**
N288/N308	x: 1.304 m η = 0.6	x: 0.131 m η = 0.8	x: 0.131 m η = 63.3	x: 0.131 m η = 3.4	x: 0.131 m η = 10.8	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 66.8	η < 0.1	η = 0.5	x: 0.131 m η = 6.7	η = 0.5	**CUMPLE η = 66.8**
N308/N307	x: 1.303 m η = 23.8	x: 0.05 m η = 5.4	x: 0.05 m η = 18.2	x: 1.305 m η = 5.7	x: 1.305 m η = 1.5	η = 1.0	η < 0.1	η < 0.1	x: 0.05 m η = 42.4	η < 0.1	η = 0.9	x: 1.305 m η = 1.1	η = 0.9	**CUMPLE η = 42.4**
N307/N306	x: 1.303 m η = 44.4	x: 0.051 m η = 9.7	x: 1.305 m η = 7.1	x: 0.051 m η = 4.0	x: 0.051 m η = 1.4	η = 0.7	η < 0.1	η < 0.1	x: 1.305 m η = 51.5	η < 0.1	η = 1.1	x: 0.051 m η = 1.0	η = 0.6	**CUMPLE η = 51.5**
N306/N305	x: 1.303 m η = 65.1	x: 0.051 m η = 14.5	x: 1.305 m η = 15.5	x: 1.305 m η = 4.7	x: 0.051 m η = 2.5	η = 0.7	η < 0.1	η < 0.1	x: 1.305 m η = 84.3	η < 0.1	η = 0.9	x: 0.051 m η = 1.5	η = 0.6	**CUMPLE η = 84.3**
N305/N304	x: 1.302 m η = 81.7	x: 0.051 m η = 18.0	x: 1.095 m η = 8.1	x: 0.051 m η = 3.7	x: 0.051 m η = 0.4	η = 0.6	η < 0.1	η < 0.1	x: 0.051 m η = 91.9	η < 0.1	η = 0.8	x: 0.051 m η = 0.3	η = 0.4	**CUMPLE η = 91.9**
N304/N303	x: 1.302 m η = 50.7	x: 0.052 m η = 11.3	x: 1.304 m η = 8.9	x: 1.304 m η = 2.2	x: 0.052 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 61.4	η < 0.1	η = 0.5	x: 0.052 m η = 0.7	η = 0.2	**CUMPLE η = 61.4**
N303/N302	x: 1.301 m η = 57.0	x: 0.052 m η = 12.5	x: 0.052 m η = 5.6	x: 0.052 m η = 2.1	x: 0.052 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 64.3	η < 0.1	η = 0.5	x: 1.303 m η = 0.1	η = 0.2	**CUMPLE η = 64.3**
N302/N301	x: 1.301 m η = 62.9	x: 0.053 m η = 13.9	x: 1.303 m η = 9.9	x: 1.303 m η = 2.2	x: 0.053 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 74.5	η < 0.1	η = 0.5	x: 0.053 m η = 0.7	η = 0.2	**CUMPLE η = 74.5**
N301/N300	x: 1.3 m η = 66.4	x: 0.053 m η = 14.5	x: 0.053 m η = 7.8	x: 0.053 m η = 1.9	x: 1.302 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 75.9	η < 0.1	η = 0.3	x: 1.302 m η = 0.4	η = 0.2	**CUMPLE η = 75.9**
N300/N290	x: 1.313 m η = 68.8	x: 0.054 m η = 15.2	x: 1.315 m η = 13.9	x: 1.315 m η = 2.6	x: 0.054 m η = 1.6	η = 0.4	η < 0.1	η < 0.1	x: 1.315 m η = 85.3	η < 0.1	η = 0.5	x: 0.054 m η = 1.0	η = 0.3	**CUMPLE η = 85.3**
N298/N275	x: 1.59 m η = 38.6	x: 0.091 m η = 10.3	x: 1.59 m η = 13.6	x: 0.091 m η = 2.3	η = 1.9	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 53.8	η < 0.1	η = 0.5	η = 1.1	η = 0.1	**CUMPLE η = 53.8**
N299/N276	x: 1.55 m η = 20.4	x: 0.091 m η = 4.8	x: 0.091 m η = 11.0	x: 1.55 m η = 0.3	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 31.7	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 31.7**
N297/N274	x: 1.63 m η = 40.0	x: 0.091 m η = 9.3	x: 1.63 m η = 17.7	x: 0.091 m η = 0.5	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 58.1	η < 0.1	η = 0.1	η = 1.4	η < 0.1	**CUMPLE η = 58.1**
N296/N273	x: 1.67 m η = 56.5	x: 0.091 m η = 14.3	x: 1.67 m η = 21.1	x: 0.091 m η = 1.2	η = 2.8	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 78.3	η < 0.1	η = 0.4	η = 1.6	η = 0.1	**CUMPLE η = 78.3**
N295/N272	x: 1.71 m η = 57.7	x: 0.091 m η = 13.3	x: 1.71 m η = 24.4	x: 1.71 m η = 0.5	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 82.3	η < 0.1	η = 0.3	η = 1.9	η < 0.1	**CUMPLE η = 82.3**
N291/N268	x: 1.869 m η = 42.8	x: 0.091 m η = 9.9	x: 0.091 m η = 28.7	x: 0.091 m η = 0.5	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 71.9	η < 0.1	η = 0.4	η = 1.8	η < 0.1	**CUMPLE η = 71.9**
N292/N269	x: 1.829 m η = 62.1	x: 0.091 m η = 15.1	x: 1.83 m η = 21.2	x: 0.091 m η = 1.7	η = 2.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 83.6	η < 0.1	η = 0.6	η = 1.5	η < 0.1	**CUMPLE η = 83.6**
N293/N270	x: 1.789 m η = 48.4	x: 0.091 m η = 11.2	x: 1.79 m η = 20.2	x: 0.091 m η = 0.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 69.1	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 69.1**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N294/N271	x: 1.749 m η = 48.5	x: 0.091 m η = 12.1	x: 1.75 m η = 18.0	x: 0.091 m η = 1.0	η = 2.2	η = 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 66.9	η < 0.1	η = 0.4	η = 1.3	η < 0.1	**CUMPLE η = 66.9**
N301/N279	x: 1.59 m η = 36.8	x: 0.091 m η = 10.1	x: 1.59 m η = 12.9	x: 0.091 m η = 1.8	η = 1.8	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 50.9	η < 0.1	η = 0.5	η = 1.1	η = 0.1	**CUMPLE η = 50.9**
N300/N278	x: 1.55 m η = 18.8	x: 0.091 m η = 4.5	x: 0.091 m η = 10.3	x: 1.55 m η = 0.5	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 29.6	η < 0.1	η = 0.4	η = 0.9	η < 0.1	**CUMPLE η = 29.6**
N302/N280	x: 1.63 m η = 38.4	x: 0.091 m η = 9.1	x: 1.63 m η = 16.9	x: 0.091 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 55.4	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 55.4**
N303/N281	x: 1.67 m η = 54.8	x: 0.091 m η = 14.1	x: 1.67 m η = 20.4	x: 0.091 m η = 1.6	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 76.3	η < 0.1	η = 0.6	η = 1.6	η = 0.1	**CUMPLE η = 76.3**
N304/N282	x: 1.71 m η = 56.1	x: 0.091 m η = 13.0	x: 1.71 m η = 23.7	x: 1.71 m η = 0.5	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.1	η < 0.1	η = 0.3	η = 1.8	η < 0.1	**CUMPLE η = 80.1**
N307/N285	x: 1.829 m η = 60.5	x: 0.091 m η = 14.9	x: 1.83 m η = 20.9	x: 0.091 m η = 1.3	η = 2.5	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 81.9	η < 0.1	η = 0.4	η = 1.5	η = 0.1	**CUMPLE η = 81.9**
N306/N284	x: 1.789 m η = 47.5	x: 0.091 m η = 11.0	x: 1.79 m η = 19.8	x: 1.79 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.3	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 67.3**
N305/N283	x: 1.749 m η = 47.5	x: 0.091 m η = 11.9	x: 1.75 m η = 17.5	x: 0.091 m η = 0.9	η = 2.2	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 65.5	η < 0.1	η = 0.3	η = 1.3	η < 0.1	**CUMPLE η = 65.5**
N308/N286	x: 1.869 m η = 44.8	x: 0.091 m η = 10.4	x: 0.091 m η = 27.2	x: 0.091 m η = 0.2	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 72.1	η < 0.1	η = 0.5	η = 1.7	η < 0.1	**CUMPLE η = 72.1**
N299/N277	x: 2.01 m η = 5.6	x: 0.12 m η = 21.4	x: 0.12 m η = 6.4	x: 2.01 m η = 0.7	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 27.9	η < 0.1	η = 0.2	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 27.9**
N298/N276	x: 2.042 m η = 6.0	x: 0.119 m η = 29.1	x: 0.119 m η = 9.3	x: 0.119 m η = 0.6	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 39.0	η < 0.1	η = 0.6	x: 2.042 m η = 0.7	η < 0.1	**CUMPLE η = 39.0**
N297/N275	x: 2.075 m η = 11.9	x: 0.118 m η = 48.9	x: 0.118 m η = 10.7	x: 0.118 m η = 0.5	x: 2.075 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 59.9	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 59.9**
N296/N274	x: 2.107 m η = 11.2	x: 0.117 m η = 52.2	x: 0.117 m η = 13.1	x: 0.117 m η = 1.5	x: 2.107 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 66.8	η < 0.1	η = 0.3	x: 2.107 m η = 1.0	η = 0.1	**CUMPLE η = 66.8**
N295/N273	x: 2.14 m η = 16.8	x: 0.116 m η = 70.9	x: 0.116 m η = 14.3	x: 0.116 m η = 0.7	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 85.7	η < 0.1	η = 0.1	x: 0.116 m η = 0.6	η < 0.1	**CUMPLE η = 85.7**
N294/N272	x: 2.173 m η = 16.0	x: 0.115 m η = 73.3	x: 0.115 m η = 16.6	x: 2.173 m η = 0.2	x: 2.173 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 90.0	η < 0.1	η = 0.6	x: 2.173 m η = 1.2	η < 0.1	**CUMPLE η = 90.0**
N293/N271	x: 2.206 m η = 14.2	x: 0.114 m η = 60.0	x: 0.114 m η = 11.9	x: 0.323 m η = 0.2	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	x: 0.114 m η < 0.1	x: 0.114 m η = 72.0	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 72.0**
N292/N270	x: 2.239 m η = 13.3	x: 0.113 m η = 60.3	x: 2.239 m η = 12.2	x: 0.113 m η = 1.2	x: 2.239 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 73.3	η < 0.1	η = 0.4	x: 2.239 m η = 0.9	η < 0.1	**CUMPLE η = 73.3**
N291/N269	x: 2.273 m η = 17.4	x: 0.112 m η = 74.3	x: 0.112 m η = 20.5	x: 0.112 m η = 0.4	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 95.1	η < 0.1	η = 0.2	x: 0.112 m η = 0.6	η < 0.1	**CUMPLE η = 95.1**
N266/N268	x: 2.307 m η = 12.5	x: 0.232 m η = 56.6	x: 0.232 m η = 17.5	x: 0.232 m η = 1.3	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 74.5	η < 0.1	η = 0.3	x: 0.232 m η = 0.8	η < 0.1	**CUMPLE η = 74.5**
N300/N277	x: 2.01 m η = 5.2	x: 0.12 m η = 19.1	x: 0.12 m η = 6.1	x: 0.12 m η = 1.1	x: 2.01 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 26.4	η < 0.1	η = 0.5	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 26.4**
N301/N278	x: 2.042 m η = 5.6	x: 0.119 m η = 27.0	x: 0.119 m η = 8.9	x: 0.119 m η = 2.2	x: 2.042 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 0.119 m η = 38.1	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η = 0.1	**CUMPLE η = 38.1**
N302/N279	x: 2.075 m η = 11.6	x: 0.118 m η = 46.7	x: 0.118 m η = 10.3	x: 0.118 m η = 0.9	x: 2.075 m η = 1.1	η = 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 57.7	η < 0.1	η = 0.3	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 57.7**
N303/N280	x: 2.107 m η = 10.9	x: 0.117 m η = 50.0	x: 0.117 m η = 12.8	x: 0.117 m η = 0.9	x: 2.107 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 63.0	η < 0.1	η = 0.5	x: 2.107 m η = 0.9	η < 0.1	**CUMPLE η = 63.0**
N304/N281	x: 2.14 m η = 16.5	x: 0.116 m η = 68.8	x: 0.116 m η = 14.0	x: 0.116 m η = 0.6	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 83.2	η < 0.1	η = 0.3	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 83.2**
N305/N282	x: 2.173 m η = 15.7	x: 0.115 m η = 71.3	x: 0.115 m η = 16.3	x: 0.115 m η = 2.0	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 89.5	η < 0.1	η = 0.1	x: 2.173 m η = 1.2	η = 0.1	**CUMPLE η = 89.5**
N306/N283	x: 2.206 m η = 13.9	x: 0.114 m η = 58.7	x: 0.114 m η = 11.7	x: 0.114 m η = 0.7	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 71.0	η < 0.1	η = 0.3	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 71.0**
N307/N284	x: 2.239 m η = 13.1	x: 0.113 m η = 59.3	x: 2.239 m η = 12.0	x: 0.113 m η = 0.5	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 71.2	η < 0.1	η = 0.3	x: 2.239 m η = 0.9	η < 0.1	**CUMPLE η = 71.2**
N308/N285	x: 2.273 m η = 17.1	x: 0.112 m η = 72.6	x: 0.112 m η = 19.1	x: 0.112 m η = 0.8	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 92.1	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 92.1**
N288/N286	x: 2.307 m η = 12.7	x: 0.232 m η = 57.6	x: 0.232 m η = 11.9	x: 0.232 m η = 1.6	x: 0.232 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 70.8	η < 0.1	η = 0.4	x: 0.232 m η = 0.6	η = 0.1	**CUMPLE η = 70.8**
N309/N310	x: 6.108 m η = 1.2	x: 0 m η = 20.5	x: 6.109 m η = 44.6	x: 0 m η = 6.4	η = 7.4	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 60.8	η < 0.1	η = 0.2	η = 4.3	η < 0.1	**CUMPLE η = 60.8**
N310/N311	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 29.7	x: 0.091 m η = 0.7	η = 9.1	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 30.5	η < 0.1	η = 0.5	η = 5.4	η < 0.1	**CUMPLE η = 30.5**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N311/N312	η = 8.5	η = 1.7	x: 1.306 m η = 9.6	x: 1.306 m η = 0.4	x: 1.306 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 18.1	η < 0.1	η = 4.5	x: 1.306 m η = 0.6	η < 0.1	**CUMPLE η = 18.1**
N312/N313	η = 2.1	η = 9.4	x: 0.049 m η = 15.1	x: 1.306 m η = 1.3	x: 0.049 m η = 3.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 25.8	η < 0.1	η = 5.3	x: 0.049 m η = 2.3	η < 0.1	**CUMPLE η = 25.8**
N313/N314	η = 6.9	η = 32.4	x: 1.306 m η = 8.5	x: 0.049 m η = 2.2	x: 0.049 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 1.306 m η = 41.3	η < 0.1	η = 4.8	x: 0.049 m η = 0.8	η = 0.2	**CUMPLE η = 41.3**
N314/N315	η = 10.3	η = 50.1	x: 1.305 m η = 10.2	x: 1.305 m η = 3.1	x: 0.049 m η = 1.5	η = 0.5	η < 0.1	η < 0.1	x: 1.305 m η = 63.4	η < 0.1	η = 4.9	x: 0.049 m η = 1.0	η = 0.3	**CUMPLE η = 63.4**
N315/N316	η = 14.0	η = 67.9	x: 1.305 m η = 9.4	x: 1.305 m η = 2.8	x: 0.05 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 80.1	η < 0.1	η = 5.9	x: 0.05 m η = 0.8	η = 0.1	**CUMPLE η = 80.1**
N316/N317	η = 17.0	η = 82.6	x: 1.304 m η = 12.7	x: 0.05 m η = 0.7	x: 0.05 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 95.4	η < 0.1	η = 5.8	x: 0.05 m η = 1.0	η = 0.1	**CUMPLE η = 95.4**
N317/N318	η = 10.4	η = 50.0	x: 1.304 m η = 5.1	x: 1.304 m η = 0.7	x: 0.051 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 55.8	η < 0.1	η = 2.0	x: 0.051 m η = 0.2	η = 0.1	**CUMPLE η = 55.8**
N318/N319	η = 11.4	η = 54.9	x: 1.304 m η = 5.9	x: 1.304 m η = 2.1	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 62.9	η < 0.1	η = 1.5	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 62.9**
N319/N320	η = 12.4	η = 59.4	x: 1.094 m η = 4.9	x: 0.051 m η = 2.0	x: 0.051 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.886 m η = 66.2	η < 0.1	η = 1.5	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 66.2**
N320/N321	η = 13.0	η = 62.4	x: 1.303 m η = 8.5	x: 0.052 m η = 1.0	x: 0.052 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 70.9	η < 0.1	η = 0.9	x: 0.052 m η = 0.5	η = 0.1	**CUMPLE η = 70.9**
N321/N322	η = 12.9	η = 62.3	x: 0.052 m η = 8.5	x: 1.303 m η = 0.9	x: 1.303 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 70.8	η < 0.1	η = 0.8	x: 1.303 m η = 0.5	η = 0.1	**CUMPLE η = 70.8**
N322/N323	η = 12.3	η = 59.2	x: 0.261 m η = 4.9	x: 1.304 m η = 1.8	x: 1.304 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.678 m η = 65.6	η < 0.1	η = 1.4	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 65.6**
N323/N324	η = 11.3	η = 54.5	x: 0.051 m η = 5.9	x: 0.051 m η = 1.9	x: 1.304 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 62.4	η < 0.1	η = 1.3	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 62.4**
N324/N325	η = 10.3	η = 49.5	x: 0.051 m η = 5.1	x: 1.304 m η = 0.5	x: 1.304 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 55.1	η < 0.1	η = 1.9	x: 1.304 m η = 0.2	η = 0.1	**CUMPLE η = 55.1**
N325/N326	η = 16.6	η = 81.3	x: 0.051 m η = 12.5	x: 1.305 m η = 0.9	x: 1.305 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 94.0	η < 0.1	η = 5.4	x: 1.305 m η = 1.0	η = 0.1	**CUMPLE η = 94.0**
N326/N327	η = 13.6	η = 66.4	x: 0.05 m η = 9.0	x: 0.05 m η = 2.8	x: 1.305 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 78.3	η < 0.1	η = 5.7	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 78.3**
N327/N328	η = 9.7	η = 48.6	x: 0.05 m η = 9.8	x: 0.05 m η = 3.5	x: 1.306 m η = 1.5	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 61.8	η < 0.1	η = 4.5	x: 1.306 m η = 1.0	η = 0.4	**CUMPLE η = 61.8**
N328/N329	η = 6.1	η = 30.7	x: 0.049 m η = 8.2	x: 1.306 m η = 2.5	x: 1.306 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 0.049 m η = 39.2	η < 0.1	η = 4.5	x: 1.306 m η = 0.8	η = 0.3	**CUMPLE η = 39.2**
N329/N330	η = 1.1	η = 7.7	x: 1.306 m η = 16.3	x: 1.306 m η = 1.7	x: 1.306 m η = 3.7	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 25.8	η < 0.1	η = 4.9	x: 1.306 m η = 2.5	η = 0.1	**CUMPLE η = 25.8**
N330/N331	η = 10.0	η = 3.1	x: 0.049 m η = 11.1	x: 0.049 m η = 0.7	x: 0.049 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 21.7	η < 0.1	η = 4.6	x: 0.049 m η = 1.4	η < 0.1	**CUMPLE η = 21.7**
N333/N430	x: 0.15 m η = 0.7	x: 0 m η = 7.9	x: 0 m η = 23.3	x: 0 m η = 6.9	η = 13.8	η = 1.1	η < 0.1	η < 0.1	x: 0 m η = 32.5	η < 0.1	η = 0.2	η = 11.3	η = 1.1	**CUMPLE η = 32.5**
N430/N422	x: 2.55 m η = 1.1	x: 0 m η = 8.5	x: 2.55 m η = 46.1	x: 0 m η = 5.4	η = 15.3	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 56.1	η < 0.1	η = 0.2	η = 11.3	η = 0.4	**CUMPLE η = 56.1**
N422/N332	x: 0.108 m η = 1.3	x: 0 m η = 7.3	x: 0.109 m η = 49.2	x: 0 m η = 4.4	η = 16.8	η = 1.4	η < 0.1	η < 0.1	x: 0.109 m η = 58.7	η < 0.1	η = 0.2	η = 11.3	η = 1.4	**CUMPLE η = 58.7**
N332/N331	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 34.4	x: 1.909 m η = 0.6	η = 10.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 35.0	η < 0.1	η = 0.7	η = 7.5	η < 0.1	**CUMPLE η = 35.0**
N334/N321	x: 1.51 m η = 28.8	x: 0.091 m η = 8.4	x: 0.091 m η = 0.2	x: 0.091 m η = 7.9	η < 0.1	η = 1.1	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 36.7	η < 0.1	η = 0.5	η < 0.1	η = 0.6	**CUMPLE η = 36.7**
N310/N335	x: 1.304 m η = 0.9	x: 0.131 m η = 0.4	x: 0.131 m η = 59.8	x: 0.131 m η = 3.0	x: 0.131 m η = 10.1	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 63.7	η < 0.1	η = 2.1	x: 0.131 m η = 6.1	η = 0.3	**CUMPLE η = 63.7**
N335/N336	x: 1.303 m η = 25.1	x: 0.05 m η = 5.6	x: 0.05 m η = 16.8	x: 1.305 m η = 5.6	x: 1.305 m η = 1.0	η = 1.0	η < 0.1	η < 0.1	x: 0.05 m η = 43.1	η < 0.1	η = 2.4	x: 1.305 m η = 0.7	η = 0.6	**CUMPLE η = 43.1**
N336/N337	x: 1.303 m η = 29.0	x: 0.051 m η = 7.3	x: 1.305 m η = 5.8	x: 0.051 m η = 4.4	x: 0.051 m η = 1.2	η = 0.7	η < 0.1	η < 0.1	x: 1.305 m η = 35.1	η < 0.1	η = 12.0	x: 0.051 m η = 0.9	η = 0.4	**CUMPLE η = 35.1**
N337/N338	x: 1.303 m η = 46.7	x: 0.051 m η = 11.0	x: 1.305 m η = 12.6	x: 1.305 m η = 3.5	x: 0.051 m η = 2.1	η = 0.7	η < 0.1	η < 0.1	x: 1.305 m η = 62.9	η < 0.1	η = 12.0	x: 0.051 m η = 1.3	η = 0.5	**CUMPLE η = 62.9**
N338/N339	x: 1.302 m η = 61.4	x: 0.051 m η = 13.8	x: 0.886 m η = 6.4	x: 0.051 m η = 5.0	x: 0.051 m η = 0.4	η = 0.8	η < 0.1	η < 0.1	x: 0.051 m η = 72.0	η < 0.1	η = 1.1	x: 0.051 m η = 0.3	η = 0.5	**CUMPLE η = 72.0**
N339/N340	x: 1.302 m η = 75.6	x: 0.052 m η = 17.0	x: 1.304 m η = 17.3	x: 1.304 m η = 5.3	x: 0.052 m η = 2.4	η = 0.9	η < 0.1	η < 0.1	x: 1.304 m η = 98.1	η < 0.1	η = 1.1	x: 0.052 m η = 1.4	η = 0.6	**CUMPLE η = 98.1**
N340/N341	x: 1.301 m η = 72.6	x: 0.052 m η = 15.5	x: 0.052 m η = 9.1	x: 0.052 m η = 4.0	x: 0.052 m η = 0.5	η = 0.6	η < 0.1	η < 0.1	x: 0.052 m η = 85.8	η < 0.1	η = 9.7	x: 1.303 m η = 0.3	η = 0.4	**CUMPLE η = 85.8**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N341/N342	x: 1.301 m η = 81.4	x: 0.053 m η = 17.5	x: 1.303 m η = 14.0	x: 1.303 m η = 3.2	x: 0.053 m η = 1.6	η = 0.7	η < 0.1	η < 0.1	x: 1.303 m η = 98.6	η < 0.1	η = 10.6	x: 0.053 m η = 1.0	η = 0.4	**CUMPLE η = 98.6**
N342/N343	x: 1.3 m η = 45.2	x: 0.053 m η = 9.5	x: 0.053 m η = 5.6	x: 0.053 m η = 1.6	x: 1.302 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 52.4	η < 0.1	η = 2.6	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 52.4**
N343/N334	x: 1.313 m η = 47.4	x: 0.054 m η = 10.1	x: 1.315 m η = 10.4	x: 1.315 m η = 1.7	x: 0.054 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 59.5	η < 0.1	η = 2.2	x: 0.054 m η = 0.8	η = 0.2	**CUMPLE η = 59.5**
N332/N352	x: 1.304 m η = 2.1	x: 0.131 m η = 4.7	x: 0.131 m η = 64.2	x: 0.131 m η = 2.1	x: 0.131 m η = 10.8	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 69.9	η < 0.1	η = 1.7	x: 0.131 m η = 7.2	η = 0.3	**CUMPLE η = 69.9**
N352/N351	x: 1.303 m η = 14.4	x: 0.05 m η = 1.6	x: 0.05 m η = 18.3	x: 1.305 m η = 3.3	x: 1.305 m η = 1.3	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 32.9	η < 0.1	η = 1.9	x: 1.305 m η = 1.2	η = 0.5	**CUMPLE η = 32.9**
N351/N350	x: 1.303 m η = 21.8	x: 0.051 m η = 4.0	x: 1.305 m η = 5.6	x: 0.051 m η = 1.9	x: 0.051 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 27.8	η < 0.1	η = 12.3	x: 0.051 m η = 1.1	η = 0.3	**CUMPLE η = 27.8**
N350/N349	x: 1.303 m η = 39.7	x: 0.051 m η = 8.0	x: 1.305 m η = 12.1	x: 1.305 m η = 3.0	x: 0.051 m η = 2.0	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 53.8	η < 0.1	η = 12.8	x: 0.051 m η = 1.3	η = 0.3	**CUMPLE η = 53.8**
N349/N348	x: 1.302 m η = 54.4	x: 0.051 m η = 10.9	x: 1.095 m η = 6.1	x: 0.051 m η = 1.6	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.095 m η = 61.1	η < 0.1	η = 0.8	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 61.1**
N348/N347	x: 1.302 m η = 68.8	x: 0.052 m η = 14.2	x: 1.304 m η = 16.5	x: 1.304 m η = 1.6	x: 0.052 m η = 2.4	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 85.9	η < 0.1	η = 0.7	x: 0.052 m η = 1.4	η < 0.1	**CUMPLE η = 85.9**
N347/N346	x: 1.301 m η = 69.9	x: 0.052 m η = 14.5	x: 0.052 m η = 9.1	x: 0.052 m η = 2.4	x: 1.303 m η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 80.5	η < 0.1	η = 8.9	x: 1.303 m η = 0.3	η = 0.2	**CUMPLE η = 80.5**
N346/N345	x: 1.301 m η = 79.0	x: 0.053 m η = 16.6	x: 1.303 m η = 14.0	x: 1.303 m η = 3.0	x: 0.053 m η = 1.6	η = 0.4	η < 0.1	η < 0.1	x: 1.303 m η = 95.4	η < 0.1	η = 10.0	x: 0.053 m η = 1.1	η = 0.2	**CUMPLE η = 95.4**
N345/N344	x: 1.3 m η = 84.8	x: 0.053 m η = 17.6	x: 0.053 m η = 10.9	x: 0.053 m η = 2.7	x: 1.302 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.053 m η = 98.3	η < 0.1	η = 4.8	x: 1.302 m η = 0.6	η = 0.3	**CUMPLE η = 98.3**
N344/N334	x: 1.313 m η = 46.3	x: 0.054 m η = 9.8	x: 1.315 m η = 10.6	x: 1.315 m η = 1.4	x: 0.054 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 58.2	η < 0.1	η = 2.0	x: 0.054 m η = 0.8	η = 0.1	**CUMPLE η = 58.2**
N342/N319	x: 1.59 m η = 28.3	x: 0.091 m η = 7.4	x: 1.59 m η = 9.2	x: 0.091 m η = 16.7	η = 1.3	η = 1.3	η < 0.1	η < 0.1	x: 0.091 m η = 53.7	η < 0.1	η = 1.6	η = 0.8	η = 0.7	**CUMPLE η = 53.7**
N343/N320	x: 1.55 m η = 16.4	x: 0.091 m η = 3.7	x: 0.091 m η = 7.7	x: 1.55 m η = 4.8	η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.55 m η = 28.7	η < 0.1	η = 0.7	η = 0.7	η = 0.1	**CUMPLE η = 28.7**
N341/N318	x: 1.63 m η = 29.9	x: 0.091 m η = 6.5	x: 1.63 m η = 12.1	x: 0.091 m η = 4.0	η = 1.6	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 45.6	η < 0.1	η = 3.1	η = 1.0	η = 0.1	**CUMPLE η = 45.6**
N340/N317	x: 1.67 m η = 48.0	x: 0.091 m η = 11.9	x: 1.67 m η = 16.4	x: 0.091 m η = 5.9	η = 2.1	η = 0.8	η < 0.1	η < 0.1	x: 1.67 m η = 70.2	η < 0.1	η = 2.0	η = 1.3	η = 0.4	**CUMPLE η = 70.2**
N339/N316	x: 1.71 m η = 49.3	x: 0.091 m η = 10.7	x: 1.71 m η = 20.6	x: 1.71 m η = 3.4	η = 2.6	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 73.3	η < 0.1	η = 3.2	η = 1.6	η = 0.1	**CUMPLE η = 73.3**
N335/N312	x: 1.869 m η = 41.3	x: 0.091 m η = 8.8	x: 0.091 m η = 25.6	x: 0.091 m η = 1.1	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 67.9	η < 0.1	η = 1.9	η = 1.6	η = 0.1	**CUMPLE η = 67.9**
N336/N313	x: 1.829 m η = 56.0	x: 0.091 m η = 12.5	x: 1.83 m η = 18.7	x: 0.091 m η = 4.8	η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 78.1	η < 0.1	η = 1.7	η = 1.3	η = 0.3	**CUMPLE η = 78.1**
N337/N314	x: 1.79 m η = 62.7	x: 0.091 m η = 12.9	x: 1.79 m η = 25.7	x: 0.091 m η = 2.7	η = 3.2	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 90.7	η < 0.1	η = 4.1	η = 1.9	η = 0.1	**CUMPLE η = 90.7**
N338/N315	x: 1.75 m η = 62.3	x: 0.091 m η = 14.2	x: 1.75 m η = 22.8	x: 0.091 m η = 12.3	η = 2.9	η = 0.9	η < 0.1	η < 0.1	x: 0.091 m η = 96.9	η < 0.1	η = 3.2	η = 1.7	η = 0.6	**CUMPLE η = 96.9**
N345/N323	x: 1.59 m η = 29.2	x: 0.091 m η = 7.8	x: 1.59 m η = 9.5	x: 0.091 m η = 15.7	η = 1.3	η = 1.2	η < 0.1	η < 0.1	x: 0.091 m η = 53.9	η < 0.1	η = 2.4	η = 0.8	η = 0.7	**CUMPLE η = 53.9**
N344/N322	x: 1.55 m η = 17.1	x: 0.091 m η = 4.1	x: 0.091 m η = 7.9	x: 1.55 m η = 4.2	η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.55 m η = 29.0	η < 0.1	η = 0.2	η = 0.7	η = 0.1	**CUMPLE η = 29.0**
N346/N324	x: 1.63 m η = 30.9	x: 0.091 m η = 6.8	x: 1.63 m η = 12.5	x: 0.091 m η = 3.8	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 46.6	η < 0.1	η = 2.4	η = 1.1	η = 0.1	**CUMPLE η = 46.6**
N347/N325	x: 1.67 m η = 48.9	x: 0.091 m η = 12.2	x: 1.67 m η = 16.7	x: 0.091 m η = 6.1	η = 2.2	η = 0.8	η < 0.1	η < 0.1	x: 1.67 m η = 71.4	η < 0.1	η = 2.5	η = 1.4	η = 0.5	**CUMPLE η = 71.4**
N348/N326	x: 1.71 m η = 50.1	x: 0.091 m η = 11.1	x: 1.71 m η = 20.7	x: 1.71 m η = 3.3	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 74.1	η < 0.1	η = 2.6	η = 1.6	η = 0.1	**CUMPLE η = 74.1**
N351/N329	x: 1.829 m η = 56.2	x: 0.091 m η = 13.2	x: 1.83 m η = 18.5	x: 0.091 m η = 5.2	η = 2.1	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 78.4	η < 0.1	η = 2.1	η = 1.3	η = 0.2	**CUMPLE η = 78.4**
N350/N328	x: 1.79 m η = 62.9	x: 0.091 m η = 13.5	x: 1.79 m η = 25.7	x: 0.091 m η = 3.2	η = 3.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 91.4	η < 0.1	η = 3.7	η = 2.0	η = 0.1	**CUMPLE η = 91.4**
N349/N327	x: 1.75 m η = 62.6	x: 0.091 m η = 14.8	x: 1.75 m η = 22.8	x: 0.091 m η = 14.0	η = 2.9	η = 1.1	η < 0.1	η < 0.1	x: 0.091 m η = 98.9	η < 0.1	η = 3.9	η = 1.8	η = 0.7	**CUMPLE η = 98.9**
N352/N330	x: 1.869 m η = 40.4	x: 0.091 m η = 8.5	x: 0.091 m η = 25.8	x: 0.091 m η = 1.4	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 67.5	η < 0.1	η = 1.5	η = 1.7	η < 0.1	**CUMPLE η = 67.5**
N343/N321	x: 2.01 m η = 4.4	x: 0.12 m η = 17.4	x: 0.12 m η = 5.2	x: 2.01 m η = 1.1	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 23.6	η < 0.1	η = 1.0	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 23.6**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N342/N320	x: 2.042 m η = 4.4	x: 0.119 m η = 23.3	x: 0.119 m η = 6.9	x: 0.119 m η = 9.5	x: 2.042 m η = 0.8	η = 0.6	η < 0.1	η < 0.1	x: 0.119 m η = 39.8	η < 0.1	η = 2.4	x: 2.042 m η = 0.6	η = 0.4	**CUMPLE η = 39.8**
N341/N319	x: 2.075 m η = 8.4	x: 0.118 m η = 36.3	x: 0.118 m η = 7.8	x: 0.118 m η = 2.6	x: 2.075 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.118 m η = 46.7	η < 0.1	η = 1.8	x: 2.075 m η = 0.7	η = 0.1	**CUMPLE η = 46.7**
N340/N318	x: 2.107 m η = 7.7	x: 0.117 m η = 39.2	x: 0.117 m η = 10.0	x: 0.117 m η = 6.0	x: 2.107 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 0.117 m η = 55.2	η < 0.1	η = 0.3	x: 2.107 m η = 0.8	η = 0.2	**CUMPLE η = 55.2**
N339/N317	x: 2.14 m η = 13.7	x: 0.116 m η = 59.9	x: 0.116 m η = 12.2	x: 0.116 m η = 2.2	x: 2.14 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 74.3	η < 0.1	η = 1.7	x: 2.14 m η = 0.9	η < 0.1	**CUMPLE η = 74.3**
N338/N316	x: 2.173 m η = 12.8	x: 0.115 m η = 62.8	x: 0.115 m η = 13.9	x: 0.115 m η = 5.2	x: 2.173 m η = 1.6	η = 0.5	η < 0.1	η < 0.1	x: 0.115 m η = 82.0	η < 0.1	η = 2.2	x: 2.173 m η = 1.1	η = 0.3	**CUMPLE η = 82.0**
N337/N315	x: 2.206 m η = 16.5	x: 0.114 m η = 77.3	x: 0.114 m η = 15.2	x: 0.114 m η = 4.3	x: 2.206 m η = 1.7	η = 0.2	η < 0.1	η < 0.1	x: 0.114 m η = 96.8	η < 0.1	η = 1.9	x: 2.206 m η = 1.1	η = 0.1	**CUMPLE η = 96.8**
N336/N314	x: 2.239 m η = 9.9	x: 0.113 m η = 51.1	x: 2.239 m η = 10.5	x: 0.113 m η = 5.3	x: 2.239 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 66.5	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η = 0.2	**CUMPLE η = 66.5**
N335/N313	x: 2.273 m η = 14.3	x: 0.112 m η = 67.0	x: 0.112 m η = 17.8	x: 0.112 m η = 2.9	x: 2.273 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 87.7	η < 0.1	η = 0.7	x: 2.273 m η = 1.1	η < 0.1	**CUMPLE η = 87.7**
N310/N312	x: 2.307 m η = 10.7	x: 0.232 m η = 53.4	x: 0.232 m η = 11.6	x: 2.307 m η = 2.4	x: 0.232 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 66.1	η < 0.1	η = 0.2	x: 0.232 m η = 0.6	η = 0.1	**CUMPLE η = 66.1**
N344/N321	x: 2.01 m η = 5.0	x: 0.12 m η = 18.2	x: 0.12 m η = 5.3	x: 0.12 m η = 1.8	x: 2.01 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 25.4	η < 0.1	η = 0.7	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 25.4**
N345/N322	x: 2.042 m η = 5.0	x: 0.119 m η = 24.2	x: 0.119 m η = 7.1	x: 0.119 m η = 6.9	x: 2.042 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.119 m η = 38.2	η < 0.1	η = 2.8	x: 2.042 m η = 0.6	η = 0.3	**CUMPLE η = 38.2**
N346/N323	x: 2.075 m η = 8.8	x: 0.118 m η = 37.4	x: 0.118 m η = 8.0	x: 2.075 m η = 1.6	x: 2.075 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 0.118 m η = 46.9	η < 0.1	η = 1.4	x: 2.075 m η = 0.7	η = 0.1	**CUMPLE η = 46.9**
N347/N324	x: 2.107 m η = 8.0	x: 0.117 m η = 40.4	x: 0.117 m η = 10.3	x: 0.117 m η = 7.6	x: 2.107 m η = 1.2	η = 0.5	η < 0.1	η < 0.1	x: 0.117 m η = 58.3	η < 0.1	η = 0.8	x: 2.107 m η = 0.8	η = 0.3	**CUMPLE η = 58.3**
N348/N325	x: 2.14 m η = 14.1	x: 0.116 m η = 61.0	x: 0.116 m η = 12.3	x: 2.14 m η = 2.1	x: 2.14 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 74.1	η < 0.1	η = 1.4	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 74.1**
N349/N326	x: 2.173 m η = 13.3	x: 0.115 m η = 63.8	x: 0.115 m η = 14.0	x: 0.115 m η = 4.6	x: 2.173 m η = 1.6	η = 0.4	η < 0.1	η < 0.1	x: 0.115 m η = 82.4	η < 0.1	η = 2.9	x: 2.173 m η = 1.1	η = 0.3	**CUMPLE η = 82.4**
N350/N327	x: 2.206 m η = 17.3	x: 0.114 m η = 77.8	x: 0.114 m η = 15.2	x: 0.114 m η = 3.3	x: 2.206 m η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 96.3	η < 0.1	η = 1.6	x: 2.206 m η = 1.2	η < 0.1	**CUMPLE η = 96.3**
N351/N328	x: 2.239 m η = 10.4	x: 0.113 m η = 51.2	x: 2.239 m η = 10.5	x: 0.113 m η = 6.6	x: 2.239 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 0.113 m η = 67.7	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η = 0.2	**CUMPLE η = 67.7**
N352/N329	x: 2.273 m η = 15.0	x: 0.112 m η = 67.2	x: 0.112 m η = 18.2	x: 2.271 m η = 2.4	x: 2.273 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 87.7	η < 0.1	η = 0.4	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 87.7**
N332/N330	x: 2.307 m η = 10.7	x: 0.232 m η = 52.9	x: 0.232 m η = 13.5	x: 0.232 m η = 2.6	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 68.9	η < 0.1	η = 0.7	x: 0.232 m η = 0.8	η = 0.1	**CUMPLE η = 68.9**
N353/N413	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.7	x: 1.32 m η = 3.3	x: 0 m η = 14.0	η = 1.3	η = 0.8	η < 0.1	η < 0.1	x: 0 m η = 16.1	η < 0.1	η = 0.2	η = 0.8	η = 0.1	**CUMPLE η = 16.1**
N413/N401	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.6	x: 2.13 m η = 4.8	x: 2.13 m η = 6.4	η = 0.4	η = 0.6	η < 0.1	η < 0.1	x: 2.13 m η = 12.6	η < 0.1	η = 0.2	η = 0.2	η = 0.1	**CUMPLE η = 12.6**
N401/N407	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.4	x: 2.55 m η = 9.4	x: 2.55 m η = 11.5	η = 3.3	η = 0.2	η < 0.1	η < 0.1	x: 2.55 m η = 21.9	η < 0.1	η = 0.2	η = 2.1	η = 0.1	**CUMPLE η = 21.9**
N407/N354	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.0	x: 0.109 m η = 10.3	x: 0.109 m η = 11.5	η = 5.2	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 22.8	η < 0.1	η = 0.2	η = 2.9	η = 0.1	**CUMPLE η = 22.8**
N354/N355	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 7.0	x: 0.091 m η = 1.7	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 8.9	η < 0.1	η = 1.5	η = 1.4	η < 0.1	**CUMPLE η = 8.9**
N355/N356	η = 2.2	η = 0.8	x: 0.13 m η = 3.4	x: 1.306 m η = 2.7	x: 1.306 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 1.306 m η = 6.7	η < 0.1	η = 7.1	x: 1.306 m η = 0.6	η = 0.3	**CUMPLE η = 7.1**
N356/N357	η = 1.6	η = 1.0	x: 0.049 m η = 1.9	x: 1.306 m η = 5.2	x: 0.049 m η = 0.6	η = 0.6	η < 0.1	η < 0.1	x: 1.306 m η = 8.0	η < 0.1	η = 6.8	x: 0.049 m η = 0.5	η = 0.3	**CUMPLE η = 8.0**
N357/N358	η = 0.9	η = 0.8	x: 0.678 m η = 1.3	x: 1.306 m η = 4.2	x: 0.049 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.887 m η = 6.2	η < 0.1	η = 7.6	x: 0.049 m η = 0.3	η < 0.1	**CUMPLE η = 7.6**
N358/N359	η = 2.0	η = 0.7	x: 1.305 m η = 2.3	x: 0.049 m η = 1.8	x: 1.305 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 5.0	η < 0.1	η = 7.0	x: 1.305 m η = 0.5	η = 0.2	**CUMPLE η = 7.0**
N359/N360	η = 4.0	η = 0.5	x: 0.05 m η = 1.5	x: 0.05 m η = 2.3	x: 0.05 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 7.2	η < 0.1	η = 4.4	x: 0.05 m η = 0.3	η = 0.3	**CUMPLE η = 7.2**
N360/N361	η = 4.0	η = 0.9	x: 1.304 m η = 1.3	x: 1.304 m η = 6.0	x: 0.05 m η = 0.5	η = 0.6	η < 0.1	η < 0.1	x: 1.304 m η = 11.3	η < 0.1	η = 2.5	x: 0.05 m η = 0.4	η = 0.4	**CUMPLE η = 11.3**
N361/N362	η = 3.7	η = 0.9	x: 0.678 m η = 1.5	x: 0.051 m η = 6.0	x: 0.051 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 10.9	η < 0.1	η = 3.5	x: 0.051 m η = 0.2	η = 0.2	**CUMPLE η = 10.9**
N362/N363	η = 5.6	η = 1.1	x: 1.304 m η = 3.3	x: 1.304 m η = 4.1	x: 1.304 m η = 0.8	η = 0.8	η < 0.1	η < 0.1	x: 1.304 m η = 13.0	η < 0.1	η = 3.1	x: 1.304 m η = 0.6	η = 0.5	**CUMPLE η = 13.0**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N363/N364	η = 8.3	η = 1.2	x: 0.051 m η = 2.7	x: 0.051 m η = 4.9	x: 0.051 m η = 0.4	η = 0.5	η < 0.1	η < 0.1	x: 0.051 m η = 15.8	η < 0.1	η = 0.4	x: 0.051 m η = 0.3	η = 0.3	**CUMPLE η = 15.8**
N364/N365	η = 6.9	η = 1.4	x: 1.303 m η = 4.6	x: 1.303 m η = 6.4	x: 0.052 m η = 1.1	η = 1.0	η < 0.1	η < 0.1	x: 1.303 m η = 18.0	η < 0.1	η = 1.4	x: 0.052 m η = 0.7	η = 0.6	**CUMPLE η = 18.0**
N365/N366	η = 6.8	η = 1.4	x: 0.052 m η = 4.5	x: 0.052 m η = 6.5	x: 1.303 m η = 1.0	η = 0.8	η < 0.1	η < 0.1	x: 0.052 m η = 17.9	η < 0.1	η = 0.8	x: 1.303 m η = 0.7	η = 0.5	**CUMPLE η = 17.9**
N366/N367	η = 8.7	η = 1.3	x: 1.304 m η = 3.4	x: 1.304 m η = 3.3	x: 1.304 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 15.5	η < 0.1	η = 0.7	x: 1.304 m η = 0.5	η = 0.3	**CUMPLE η = 15.5**
N367/N368	η = 6.3	η = 1.4	x: 0.051 m η = 3.5	x: 0.051 m η = 2.5	x: 0.051 m η = 0.8	η = 0.7	η < 0.1	η < 0.1	x: 0.051 m η = 12.2	η < 0.1	η = 4.2	x: 0.051 m η = 0.6	η = 0.4	**CUMPLE η = 12.2**
N368/N369	η = 3.8	η = 1.0	x: 1.302 m η = 1.8	x: 1.304 m η = 5.9	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 11.5	η < 0.1	η = 4.9	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 11.5**
N369/N370	η = 3.6	η = 0.8	x: 0.051 m η = 1.7	x: 0.051 m η = 6.2	x: 1.305 m η = 0.5	η = 0.9	η < 0.1	η < 0.1	x: 0.051 m η = 11.5	η < 0.1	η = 3.3	x: 1.305 m η = 0.4	η = 0.5	**CUMPLE η = 11.5**
N370/N371	η = 3.9	η = 0.5	x: 1.305 m η = 2.8	x: 1.305 m η = 2.9	x: 1.305 m η = 0.5	η = 0.5	η < 0.1	η < 0.1	x: 1.305 m η = 9.6	η < 0.1	η = 4.8	x: 1.305 m η = 0.5	η = 0.3	**CUMPLE η = 9.6**
N371/N372	η = 1.1	η = 0.7	x: 0.05 m η = 3.2	x: 0.05 m η = 1.3	x: 0.05 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 5.6	η < 0.1	η = 7.6	x: 0.05 m η = 0.6	η = 0.3	**CUMPLE η = 7.6**
N372/N373	η = 0.4	η = 2.3	x: 1.304 m η = 1.7	x: 1.306 m η = 4.1	x: 0.049 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 7.6	η < 0.1	η = 7.7	x: 0.049 m η = 0.3	η = 0.1	**CUMPLE η = 7.7**
N373/N374	η = 0.9	η = 2.8	x: 0.887 m η = 2.0	x: 0.049 m η = 5.4	x: 1.306 m η = 0.3	η = 0.6	η < 0.1	η < 0.1	x: 0.049 m η = 9.5	η < 0.1	η = 6.5	x: 0.049 m η = 0.3	η = 0.3	**CUMPLE η = 9.5**
N374/N375	η = 1.3	η = 2.7	x: 1.225 m η = 5.7	x: 0.049 m η = 2.8	x: 1.225 m η = 1.3	η = 0.5	η < 0.1	η < 0.1	x: 1.225 m η = 8.8	η < 0.1	η = 6.8	x: 1.225 m η = 1.2	η = 0.3	**CUMPLE η = 8.8**
N377/N402	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.0	x: 0 m η = 18.3	x: 0 m η = 41.6	η = 13.6	η = 19.9	η < 0.1	η < 0.1	x: 0 m η = 55.8	η < 0.1	η = 0.4	η = 9.2	η = 19.9	**CUMPLE η = 55.8**
N402/N408	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 0.9	x: 0 m η = 14.8	x: 2.55 m η = 24.4	η = 5.6	η = 1.6	η < 0.1	η < 0.1	x: 2.55 m η = 32.0	η < 0.1	η = 0.4	η = 4.2	η = 1.6	**CUMPLE η = 32.0**
N408/N376	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 0.5	x: 0.109 m η = 9.6	x: 0 m η = 24.4	η = 3.0	η = 10.3	η < 0.1	η < 0.1	x: 0 m η = 31.9	η < 0.1	η = 0.4	η = 3.0	η = 10.3	**CUMPLE η = 31.9**
N376/N375	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 8.6	x: 0.091 m η = 1.7	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 10.6	η < 0.1	η = 1.5	η = 2.4	η < 0.1	**CUMPLE η = 10.6**
N378/N365	x: 1.51 m η = 8.7	x: 0.091 m η = 1.7	x: 0.091 m η = 0.3	x: 0.091 m η = 44.0	η < 0.1	η = 4.3	η < 0.1	η < 0.1	x: 0.091 m η = 52.9	η < 0.1	η = 0.2	η < 0.1	η = 2.6	**CUMPLE η = 52.9**
N354/N379	x: 1.304 m η = 1.5	x: 0.131 m η = 1.7	x: 0.131 m η = 16.1	x: 0.131 m η = 3.0	x: 0.131 m η = 2.9	η = 0.6	η < 0.1	η < 0.1	x: 0.131 m η = 19.8	η < 0.1	η = 15.6	x: 0.131 m η = 2.2	η = 0.3	**CUMPLE η = 19.8**
N379/N380	x: 1.303 m η = 1.3	x: 0.05 m η = 0.9	x: 0.051 m η = 3.0	x: 0.05 m η = 1.9	x: 1.305 m η = 0.4	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 4.9	η < 0.1	η = 16.5	x: 1.305 m η = 0.4	η = 0.3	**CUMPLE η = 16.5**
N380/N381	x: 1.303 m η = 1.2	x: 0.051 m η = 1.3	x: 1.305 m η = 2.6	x: 0.051 m η = 1.4	x: 1.305 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 4.3	η < 0.1	η = 3.8	x: 1.305 m η = 0.5	η = 0.1	**CUMPLE η = 4.3**
N381/N382	x: 1.303 m η = 1.0	x: 0.051 m η = 3.0	x: 1.305 m η = 8.9	x: 1.305 m η = 1.4	x: 0.051 m η = 1.6	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 13.0	η < 0.1	η = 4.2	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 13.0**
N382/N383	x: 1.302 m η = 7.9	x: 0.051 m η = 0.7	x: 0.051 m η = 15.6	x: 0.051 m η = 2.6	x: 0.051 m η = 2.6	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 26.0	η < 0.1	η = 13.3	x: 0.051 m η = 1.8	η = 0.4	**CUMPLE η = 26.0**
N383/N384	x: 1.302 m η = 8.3	x: 0.052 m η = 0.7	x: 0.261 m η = 2.9	x: 1.304 m η = 1.8	x: 1.304 m η = 0.4	η = 0.5	η < 0.1	η < 0.1	x: 0.052 m η = 12.2	η < 0.1	η = 15.2	x: 1.304 m η = 0.4	η = 0.4	**CUMPLE η = 15.2**
N384/N385	x: 1.301 m η = 6.3	x: 0.052 m η = 0.5	x: 0.052 m η = 2.1	x: 0.052 m η = 1.6	x: 1.303 m η = 0.7	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 10.1	η < 0.1	η = 15.1	x: 1.303 m η = 0.5	η = 0.2	**CUMPLE η = 15.1**
N385/N386	x: 1.301 m η = 3.7	x: 0.053 m η = 0.5	x: 1.303 m η = 4.4	x: 1.303 m η = 1.7	x: 1.303 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 9.7	η < 0.1	η = 15.0	x: 0.053 m η = 0.5	η = 0.2	**CUMPLE η = 15.0**
N386/N387	x: 1.3 m η = 12.2	x: 0.053 m η = 2.0	x: 0.053 m η = 14.2	x: 0.053 m η = 3.5	x: 0.053 m η = 2.3	η = 0.7	η < 0.1	η < 0.1	x: 0.053 m η = 29.9	η < 0.1	η = 18.8	x: 0.053 m η = 1.7	η = 0.5	**CUMPLE η = 29.9**
N387/N378	x: 1.313 m η = 13.6	x: 0.054 m η = 2.1	x: 1.315 m η = 4.4	x: 1.315 m η = 3.9	x: 0.054 m η = 0.6	η = 0.7	η < 0.1	η < 0.1	x: 1.315 m η = 22.0	η < 0.1	η = 20.0	x: 0.054 m η = 0.4	η = 0.5	**CUMPLE η = 22.0**
N376/N396	x: 1.304 m η = 8.4	x: 0.131 m η = 2.4	x: 0.131 m η = 17.3	x: 0.131 m η = 2.6	x: 1.306 m η = 3.1	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 28.2	η < 0.1	η = 15.9	x: 1.306 m η = 2.5	η < 0.1	**CUMPLE η = 28.2**
N396/N395	x: 1.303 m η = 7.3	x: 0.05 m η = 1.9	x: 0.05 m η = 3.3	x: 1.305 m η = 1.6	x: 0.05 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 12.1	η < 0.1	η = 17.1	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 17.1**
N395/N394	x: 1.303 m η = 4.5	x: 0.051 m η = 1.2	x: 0.051 m η = 3.2	x: 0.051 m η = 1.5	x: 1.305 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 8.3	η < 0.1	η = 4.7	x: 1.305 m η = 0.4	η = 0.2	**CUMPLE η = 8.3**
N394/N393	x: 1.303 m η = 1.7	x: 0.051 m η = 1.1	x: 1.305 m η = 11.8	x: 1.305 m η = 1.2	x: 1.305 m η = 2.1	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 14.2	η < 0.1	η = 4.7	x: 1.305 m η = 1.6	η = 0.2	**CUMPLE η = 14.2**
N393/N392	x: 1.302 m η = 11.7	x: 0.051 m η = 2.2	x: 0.051 m η = 4.8	x: 0.051 m η = 3.0	x: 0.051 m η = 1.0	η = 0.5	η < 0.1	η < 0.1	x: 0.051 m η = 17.1	η < 0.1	η = 18.5	x: 1.304 m η = 0.6	η = 0.4	**CUMPLE η = 18.5**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N392/N391	x: 1.302 m η = 11.5	x: 0.052 m η = 1.9	x: 1.304 m η = 1.8	x: 1.304 m η = 2.2	x: 0.052 m η = 0.5	η = 0.6	η < 0.1	η < 0.1	x: 1.304 m η = 15.5	η < 0.1	η = 19.6	x: 0.052 m η = 0.4	η = 0.5	**CUMPLE η = 19.6**
N391/N390	x: 1.301 m η = 9.0	x: 0.052 m η = 1.5	x: 0.053 m η = 2.5	x: 0.052 m η = 1.5	x: 1.303 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 13.0	η < 0.1	η = 12.6	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 13.0**
N390/N389	x: 1.301 m η = 6.5	x: 0.053 m η = 1.5	x: 1.303 m η = 9.6	x: 1.303 m η = 1.6	x: 1.303 m η = 1.7	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 17.7	η < 0.1	η = 11.7	x: 1.303 m η = 1.3	η = 0.1	**CUMPLE η = 17.7**
N389/N388	x: 1.3 m η = 12.4	x: 0.053 m η = 2.0	x: 0.053 m η = 3.2	x: 0.053 m η = 3.2	x: 0.053 m η = 0.7	η = 0.6	η < 0.1	η < 0.1	x: 0.053 m η = 16.4	η < 0.1	η = 16.8	x: 0.053 m η = 0.3	η = 0.5	**CUMPLE η = 16.8**
N388/N378	x: 1.313 m η = 13.6	x: 0.054 m η = 2.1	x: 1.315 m η = 4.4	x: 1.315 m η = 3.7	x: 0.054 m η = 0.9	η = 0.6	η < 0.1	η < 0.1	x: 1.315 m η = 21.7	η < 0.1	η = 18.7	x: 0.054 m η = 0.6	η = 0.5	**CUMPLE η = 21.7**
N386/N363	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 10.0	x: 0.091 m η = 5.2	x: 0.091 m η = 29.1	η = 0.6	η = 2.8	η < 0.1	η < 0.1	x: 0.091 m η = 44.3	η < 0.1	η = 0.4	η = 0.3	η = 1.6	**CUMPLE η = 44.3**
N387/N364	x: 1.55 m η = 3.0	N_{Ed} = 0.00 N.P.(4)	x: 0.091 m η = 5.1	x: 0.091 m η = 5.7	η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 13.7	η < 0.1	η = 2.4	η = 0.4	η = 0.3	**CUMPLE η = 13.7**
N385/N362	x: 1.63 m η = 0.2	x: 0.091 m η = 6.6	x: 1.63 m η = 2.6	x: 1.63 m η = 4.9	η = 0.3	η = 0.5	η < 0.1	η < 0.1	x: 1.63 m η = 13.9	η < 0.1	η = 1.0	η = 0.2	η = 0.3	**CUMPLE η = 13.9**
N384/N361	x: 1.67 m η = 1.1	x: 0.091 m η = 0.9	x: 0.091 m η = 0.8	x: 0.091 m η = 27.7	η = 0.1	η = 2.2	η < 0.1	η < 0.1	x: 0.091 m η = 29.2	η < 0.1	η = 1.9	η < 0.1	η = 1.4	**CUMPLE η = 29.2**
N383/N360	x: 1.71 m η = 1.0	x: 0.091 m η = 0.8	x: 0.091 m η = 2.5	x: 0.091 m η = 6.2	η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 9.5	η < 0.1	η = 3.4	η = 0.2	η = 0.2	**CUMPLE η = 9.5**
N379/N356	x: 1.87 m η = 1.3	N_{Ed} = 0.00 N.P.(4)	x: 0.091 m η = 2.5	x: 0.091 m η = 5.1	η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 8.1	η < 0.1	η = 5.7	η = 0.2	η = 0.2	**CUMPLE η = 8.1**
N380/N357	x: 1.83 m η = 2.5	x: 0.091 m η = 1.6	x: 0.091 m η = 0.5	x: 0.091 m η = 17.4	η < 0.1	η = 1.2	η < 0.1	η < 0.1	x: 0.091 m η = 20.3	η < 0.1	η = 4.7	η < 0.1	η = 0.7	**CUMPLE η = 20.3**
N381/N358	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 4.4	x: 1.79 m η = 1.7	x: 1.79 m η = 4.9	η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 1.79 m η = 10.8	η < 0.1	η = 3.4	η = 0.1	η = 0.1	**CUMPLE η = 10.8**
N382/N359	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 8.2	x: 0.091 m η = 6.6	x: 0.091 m η = 12.8	η = 0.7	η = 1.1	η < 0.1	η < 0.1	x: 0.091 m η = 23.5	η < 0.1	η = 2.9	η = 0.4	η = 0.8	**CUMPLE η = 23.5**
N389/N367	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 9.6	x: 0.091 m η = 1.7	x: 0.091 m η = 23.3	η = 0.2	η = 2.4	η < 0.1	η < 0.1	x: 0.091 m η = 34.4	η < 0.1	η = 0.5	η < 0.1	η = 1.5	**CUMPLE η = 34.4**
N388/N366	x: 1.55 m η = 5.0	x: 0.091 m η = 0.4	x: 0.091 m η = 3.9	x: 0.091 m η = 6.5	η = 0.5	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 15.2	η < 0.1	η = 2.3	η = 0.3	η = 0.3	**CUMPLE η = 15.2**
N390/N368	x: 1.63 m η = 0.9	x: 0.091 m η = 8.5	x: 0.091 m η = 4.2	x: 1.63 m η = 5.6	η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 1.63 m η = 17.7	η < 0.1	η = 0.2	η = 0.4	η = 0.2	**CUMPLE η = 17.7**
N391/N369	x: 1.67 m η = 0.1	x: 0.091 m η = 1.1	x: 0.091 m η = 0.8	x: 0.091 m η = 30.3	η = 0.1	η = 2.4	η < 0.1	η < 0.1	x: 0.091 m η = 32.1	η < 0.1	η = 3.0	η = 0.1	η = 1.5	**CUMPLE η = 32.1**
N392/N370	x: 1.71 m η = 1.4	N_{Ed} = 0.00 N.P.(4)	x: 0.091 m η = 0.6	x: 0.091 m η = 5.5	η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 6.5	η < 0.1	η = 4.4	η < 0.1	η = 0.2	**CUMPLE η = 6.5**
N395/N373	x: 1.83 m η = 1.3	x: 0.091 m η = 4.3	x: 1.83 m η = 1.9	x: 0.091 m η = 20.2	η = 0.2	η = 1.4	η < 0.1	η < 0.1	x: 0.091 m η = 26.3	η < 0.1	η = 4.4	η = 0.1	η = 0.8	**CUMPLE η = 26.3**
N394/N372	x: 1.79 m η = 1.7	x: 0.091 m η = 10.8	x: 0.091 m η = 5.4	x: 1.79 m η = 4.7	η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 1.79 m η = 20.1	η < 0.1	η = 2.9	η = 0.4	η = 0.2	**CUMPLE η = 20.1**
N393/N371	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 11.6	x: 0.091 m η = 1.8	x: 0.091 m η = 17.4	η = 0.1	η = 1.7	η < 0.1	η < 0.1	x: 0.091 m η = 29.7	η < 0.1	η = 2.9	η < 0.1	η = 1.1	**CUMPLE η = 29.7**
N396/N374	x: 1.87 m η = 2.0	N_{Ed} = 0.00 N.P.(4)	x: 0.091 m η = 1.6	x: 0.091 m η = 5.7	η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 7.8	η < 0.1	η = 5.5	η < 0.1	η = 0.2	**CUMPLE η = 7.8**
N387/N365	x: 2.01 m η = 0.7	x: 0.12 m η = 5.4	x: 0.498 m η = 1.6	x: 2.01 m η = 6.0	x: 2.01 m η = 0.4	η = 0.5	η < 0.1	η < 0.1	x: 2.01 m η = 12.4	η < 0.1	η = 1.6	x: 2.01 m η = 0.4	η = 0.3	**CUMPLE η = 12.4**
N386/N364	N_{Ed} = 0.00 N.P.(1)	x: 0.119 m η = 5.5	x: 0.119 m η = 4.7	x: 0.119 m η = 19.1	x: 0.119 m η = 0.6	η = 1.4	η < 0.1	η < 0.1	x: 0.119 m η = 29.2	η < 0.1	η = 2.7	x: 0.119 m η = 0.4	η = 0.8	**CUMPLE η = 29.2**
N385/N363	x: 2.075 m η = 11.0	x: 0.118 m η = 0.2	x: 0.118 m η = 1.8	x: 2.075 m η = 3.8	x: 0.118 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.118 m η = 16.3	η < 0.1	η = 0.3	x: 0.118 m η = 0.3	η = 0.1	**CUMPLE η = 16.3**
N384/N362	x: 2.107 m η = 8.3	x: 0.117 m η = 0.9	x: 0.117 m η = 1.9	x: 0.117 m η = 17.8	x: 0.117 m η = 0.4	η = 1.2	η < 0.1	η < 0.1	x: 0.117 m η = 27.9	η < 0.1	η = 3.5	x: 0.117 m η = 0.3	η = 0.7	**CUMPLE η = 27.9**
N383/N361	x: 2.14 m η = 0.3	x: 0.116 m η = 1.9	x: 2.14 m η = 1.3	x: 2.14 m η = 3.9	x: 2.14 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 2.14 m η = 6.4	η < 0.1	η = 2.2	x: 2.14 m η = 0.3	η = 0.2	**CUMPLE η = 6.4**
N382/N360	N_{Ed} = 0.00 N.P.(1)	x: 0.115 m η = 1.9	x: 0.115 m η = 5.8	x: 0.115 m η = 10.5	x: 0.115 m η = 0.7	η = 0.6	η < 0.1	η < 0.1	x: 0.115 m η = 15.9	η < 0.1	η = 0.7	x: 2.173 m η = 0.4	η = 0.4	**CUMPLE η = 15.9**
N381/N359	x: 2.206 m η = 8.7	N_{Ed} = 0.00 N.P.(4)	x: 0.114 m η = 1.3	x: 2.206 m η = 2.8	x: 0.114 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 10.9	η < 0.1	η = 1.9	x: 0.114 m η = 0.3	η = 0.1	**CUMPLE η = 10.9**
N380/N358	x: 2.239 m η = 5.1	x: 0.113 m η = 0.2	x: 0.113 m η = 1.6	x: 0.113 m η = 7.1	x: 0.113 m η = 0.3	η = 0.6	η < 0.1	η < 0.1	x: 0.113 m η = 13.6	η < 0.1	η = 3.6	x: 0.113 m η = 0.3	η = 0.4	**CUMPLE η = 13.6**
N379/N357	x: 2.273 m η = 1.1	x: 0.112 m η = 3.6	x: 2.273 m η = 1.9	x: 0.112 m η = 4.5	x: 2.273 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 9.0	η < 0.1	η = 2.8	x: 2.273 m η = 0.4	η = 0.1	**CUMPLE η = 9.0**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N354/N356	N_{Ed} = 0.00 N.P.(1)	x: 0.232 m η = 3.2	x: 0.232 m η = 5.3	x: 0.232 m η = 10.0	x: 0.232 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 0.232 m η = 18.1	η < 0.1	η = 1.9	x: 0.232 m η = 0.5	η = 0.2	**CUMPLE η = 18.1**
N388/N365	x: 2.01 m η = 0.5	x: 0.12 m η = 4.9	x: 0.876 m η = 1.0	x: 2.01 m η = 5.9	x: 2.01 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 2.01 m η = 11.3	η < 0.1	η = 1.7	x: 2.01 m η = 0.3	η = 0.3	**CUMPLE η = 11.3**
N389/N366	N_{Ed} = 0.00 N.P.(1)	x: 0.119 m η = 7.8	x: 2.042 m η = 1.7	x: 0.119 m η = 16.0	x: 2.042 m η = 0.4	η = 1.2	η < 0.1	η < 0.1	x: 0.119 m η = 24.1	η < 0.1	η = 1.8	x: 2.042 m η = 0.3	η = 0.8	**CUMPLE η = 24.1**
N390/N367	x: 2.075 m η = 10.3	x: 0.118 m η < 0.1	x: 0.118 m η = 3.2	x: 0.118 m η = 3.3	x: 0.118 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.118 m η = 16.7	η < 0.1	η = 0.4	x: 0.118 m η = 0.4	η = 0.2	**CUMPLE η = 16.7**
N391/N368	x: 2.107 m η = 10.5	x: 0.117 m η = 1.7	x: 0.117 m η = 1.7	x: 0.117 m η = 17.1	x: 0.117 m η = 0.4	η = 1.2	η < 0.1	η < 0.1	x: 0.117 m η = 29.1	η < 0.1	η = 4.3	x: 0.117 m η = 0.3	η = 0.8	**CUMPLE η = 29.1**
N392/N369	x: 2.14 m η = 1.1	x: 0.116 m η = 1.1	x: 2.14 m η = 1.1	x: 0.116 m η = 4.4	x: 2.14 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 0.116 m η = 6.2	η < 0.1	η = 2.5	x: 0.116 m η = 0.3	η = 0.2	**CUMPLE η = 6.2**
N393/N370	N_{Ed} = 0.00 N.P.(1)	x: 0.115 m η = 2.5	x: 0.115 m η = 2.0	x: 0.115 m η = 15.6	x: 2.173 m η = 0.4	η = 1.0	η < 0.1	η < 0.1	x: 0.115 m η = 17.3	η < 0.1	η = 0.5	x: 2.173 m η = 0.3	η = 0.6	**CUMPLE η = 17.3**
N394/N371	x: 2.206 m η = 12.5	x: 0.114 m η = 0.8	x: 0.114 m η = 4.1	x: 2.206 m η = 4.1	x: 0.114 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 2.206 m η = 18.2	η < 0.1	η = 1.4	x: 0.114 m η = 0.4	η = 0.1	**CUMPLE η = 18.2**
N395/N372	x: 2.239 m η = 12.8	x: 0.113 m η = 2.8	x: 0.113 m η = 2.1	x: 0.113 m η = 9.8	x: 0.113 m η = 0.4	η = 0.8	η < 0.1	η < 0.1	x: 0.113 m η = 24.6	η < 0.1	η = 3.7	x: 0.113 m η = 0.3	η = 0.5	**CUMPLE η = 24.6**
N396/N373	x: 2.273 m η = 4.6	x: 0.112 m η = 2.4	x: 0.112 m η = 2.7	x: 0.112 m η = 4.0	x: 0.112 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 11.1	η < 0.1	η = 2.8	x: 0.112 m η = 0.4	η < 0.1	**CUMPLE η = 11.1**
N376/N374	N_{Ed} = 0.00 N.P.(1)	x: 0.232 m η = 2.1	x: 0.232 m η = 4.8	x: 0.232 m η = 10.2	x: 2.307 m η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.232 m η = 15.3	η < 0.1	η = 2.0	x: 2.307 m η = 0.6	η = 0.2	**CUMPLE η = 15.3**
N378/N334	η = 0.2	η = 0.1	x: 0.05 m η = 51.4	x: 5.432 m η = 0.6	x: 0.05 m η = 11.0	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 51.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 51.4**
N334/N290	η = 2.0	η = 8.5	x: 5.45 m η = 75.4	x: 5.45 m η = 6.6	x: 5.45 m η = 14.5	η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 85.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.3**
N290/N246	η = 2.0	η = 8.3	x: 5.45 m η = 87.0	x: 5.45 m η = 1.2	x: 5.45 m η = 13.9	η < 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 93.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 93.0**
N246/N202	η = 2.0	η = 8.2	x: 0.05 m η = 86.8	x: 5.45 m η = 1.2	x: 0.05 m η = 13.8	η < 0.1	η < 0.1	x: 0.05 m η < 0.1	x: 0.05 m η = 93.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 93.0**
N202/N158	η = 2.0	η = 8.0	x: 0.05 m η = 84.8	x: 0.05 m η = 1.2	x: 0.05 m η = 13.7	η < 0.1	η < 0.1	x: 0.05 m η < 0.1	x: 0.05 m η = 90.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 90.7**
N158/N114	η = 2.0	η = 7.9	x: 0.05 m η = 85.0	x: 5.45 m η = 1.1	x: 0.05 m η = 13.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 91.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.0**
N114/N70	η = 2.0	η = 7.8	x: 5.432 m η = 87.7	x: 5.432 m η = 3.0	x: 5.432 m η = 13.9	η = 0.1	η < 0.1	η < 0.1	x: 5.432 m η = 94.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 94.9**
N70/N5	η = 0.1	η = 0.5	x: 3.297 m η = 69.2	x: 0.068 m η = 0.4	x: 5.45 m η = 8.9	η < 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 69.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 69.6**
N376/N332	η = 13.1	N_{Ed} = 0.00 N.P.(4)	x: 5.45 m η = 38.7	x: 5.45 m η = 4.2	x: 5.45 m η = 6.3	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 37.7	η < 0.1	η = 0.4	x: 5.45 m η = 4.1	η < 0.1	**CUMPLE η = 38.7**
N332/N288	η = 15.5	η = 0.3	x: 5.45 m η = 49.4	x: 0.05 m η = 7.4	x: 5.45 m η = 7.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 47.4	η < 0.1	η = 0.3	x: 0.05 m η = 4.6	η = 0.1	**CUMPLE η = 49.4**
N288/N244	η = 15.6	η = 0.8	x: 5.45 m η = 48.9	x: 0.05 m η = 3.3	x: 5.45 m η = 7.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 42.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 48.9**
N244/N200	η = 15.6	η = 1.2	x: 5.45 m η = 49.8	x: 0.05 m η = 3.1	x: 5.45 m η = 7.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 44.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 49.8**
N200/N156	η = 15.7	η = 1.5	x: 5.45 m η = 50.9	x: 0.05 m η = 3.4	x: 5.45 m η = 7.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 44.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 50.9**
N156/N112	η = 16.1	η = 1.9	x: 5.45 m η = 51.7	x: 0.05 m η = 3.0	x: 5.45 m η = 7.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 45.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 51.7**
N112/N68	η = 16.4	η = 2.1	x: 5.45 m η = 51.6	x: 0.05 m η = 3.0	x: 5.45 m η = 7.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 46.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 51.6**
N68/N8	η = 14.3	η = 2.7	x: 0.05 m η = 30.7	x: 0.05 m η = 3.9	x: 0.05 m η = 5.8	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 28.5	η < 0.1	η = 0.3	x: 0.05 m η = 0.6	x: 0.05 m η = 0.1	**CUMPLE η = 30.7**
N395/N351	η = 0.1	η < 0.1	x: 2.472 m η = 42.2	x: 5.432 m η = 2.9	x: 0.05 m η = 9.7	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.472 m η = 42.6	η < 0.1	η = 1.3	x: 0.05 m η = 5.3	η < 0.1	**CUMPLE η = 42.6**
N351/N307	η = 7.2	η = 0.2	x: 0.068 m η = 84.9	x: 0.068 m η = 8.2	x: 0.068 m η = 13.9	x: 0.068 m η = 0.2	η < 0.1	η < 0.1	x: 0.068 m η = 90.7	η < 0.1	η = 0.3	x: 0.068 m η = 7.4	η = 0.2	**CUMPLE η = 90.7**
N307/N263	η = 7.2	η = 0.2	x: 5.45 m η = 86.3	x: 0.05 m η = 4.0	x: 5.45 m η = 13.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 84.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.3**
N263/N219	η = 7.3	η = 0.2	x: 0.05 m η = 85.4	x: 0.05 m η = 4.0	x: 0.05 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 84.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.4**
N219/N175	η = 7.3	η = 0.2	x: 5.45 m η = 85.5	x: 0.05 m η = 3.9	x: 5.45 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 83.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.5**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N175/N131	η = 7.3	η = 0.2	x: 0.05 m η = 85.1	x: 0.05 m η = 3.8	x: 0.05 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 84.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.1**
N131/N87	η = 7.3	η = 0.3	x: 5.432 m η = 99.9	x: 0.05 m η = 3.4	x: 5.432 m η = 14.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 100.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 100.0**
N87/N38	η < 0.1	η = 0.1	x: 3.297 m η = 52.8	x: 0.068 m η = 2.6	x: 5.45 m η = 9.0	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 53.4	η < 0.1	η = 0.5	x: 5.45 m η = 5.0	η < 0.1	**CUMPLE η = 53.4**
N393/N349	η = 0.7	η = 2.5	x: 0.1 m η = 71.4	x: 5.45 m η = 3.4	x: 5.45 m η = 8.4	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 74.2	η < 0.1	η = 1.1	x: 5.45 m η = 4.4	η < 0.1	**CUMPLE η = 74.2**
N349/N305	η = 0.7	η = 2.3	x: 5.45 m η = 86.4	x: 0.05 m η = 7.1	x: 5.45 m η = 14.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 91.2	η < 0.1	η = 0.2	x: 5.45 m η = 5.9	x: 0.05 m η = 0.2	**CUMPLE η = 91.2**
N305/N261	η = 0.7	η = 2.3	x: 5.45 m η = 85.0	x: 0.05 m η = 3.7	x: 5.45 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 86.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.9**
N261/N217	η = 0.7	η = 2.3	x: 0.05 m η = 85.2	x: 0.05 m η = 3.7	x: 0.05 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.9**
N217/N173	η = 0.7	η = 2.3	x: 5.45 m η = 84.7	x: 0.05 m η = 3.7	x: 5.45 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.5**
N173/N129	η = 0.7	η = 2.4	x: 5.45 m η = 85.0	x: 0.05 m η = 3.6	x: 5.45 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 86.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.9**
N129/N85	η = 0.7	η = 2.4	x: 0.05 m η = 86.2	x: 0.05 m η = 3.4	x: 0.05 m η = 13.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 88.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.0**
N85/N42	η = 0.7	η = 2.6	x: 0.05 m η = 69.6	x: 0.05 m η = 3.9	x: 0.05 m η = 12.7	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 73.8	η < 0.1	η = 0.5	x: 0.05 m η = 6.9	η < 0.1	**CUMPLE η = 73.8**
N391/N347	η = 0.2	η < 0.1	x: 0.05 m η = 45.1	x: 5.432 m η = 2.5	x: 0.05 m η = 10.6	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 46.5	η < 0.1	η = 0.8	x: 0.05 m η = 6.0	η < 0.1	**CUMPLE η = 46.5**
N347/N303	η = 0.8	η = 1.9	x: 5.45 m η = 76.7	x: 0.068 m η = 7.8	x: 5.45 m η = 14.2	x: 0.068 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 81.4	η < 0.1	η = 0.2	x: 5.45 m η = 5.6	x: 0.068 m η = 0.2	**CUMPLE η = 81.4**
N303/N259	η = 0.8	η = 1.9	x: 5.45 m η = 86.8	x: 0.05 m η = 3.5	x: 5.45 m η = 13.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 88.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.2**
N259/N215	η = 0.8	η = 1.9	x: 0.05 m η = 86.2	x: 0.05 m η = 3.6	x: 0.05 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 88.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.5**
N215/N171	η = 0.8	η = 1.8	x: 5.45 m η = 84.7	x: 0.05 m η = 3.6	x: 5.45 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.0**
N171/N127	η = 0.8	η = 1.7	x: 0.05 m η = 85.1	x: 0.05 m η = 3.5	x: 0.05 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.1**
N127/N83	η = 0.8	η = 1.6	x: 5.432 m η = 91.9	x: 0.05 m η = 3.1	x: 5.432 m η = 14.0	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 94.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 94.9**
N83/N34	η = 0.1	η = 0.3	x: 3.297 m η = 66.5	x: 0.068 m η = 2.1	x: 5.45 m η = 8.8	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 67.3	η < 0.1	η = 0.3	x: 5.45 m η = 4.9	η < 0.1	**CUMPLE η = 67.3**
N389/N345	η = 1.0	η = 4.5	x: 0.1 m η = 65.2	x: 5.45 m η = 1.5	x: 0.1 m η = 5.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 68.6	η < 0.1	η = 0.2	x: 0.1 m η = 3.6	η < 0.1	**CUMPLE η = 68.6**
N345/N301	η = 1.5	η = 6.6	x: 5.45 m η = 85.3	x: 0.05 m η = 7.4	x: 5.45 m η = 15.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 93.4	η < 0.1	η = 0.1	x: 5.45 m η = 6.0	x: 0.05 m η = 0.2	**CUMPLE η = 93.4**
N301/N257	η = 1.5	η = 6.6	x: 5.45 m η = 85.7	x: 0.05 m η = 3.5	x: 5.45 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 90.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 90.4**
N257/N213	η = 1.5	η = 6.7	x: 0.05 m η = 85.7	x: 0.05 m η = 3.5	x: 0.05 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 91.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.2**
N213/N169	η = 1.5	η = 6.7	x: 0.05 m η = 84.7	x: 0.05 m η = 3.5	x: 0.05 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 90.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 90.4**
N169/N125	η = 1.5	η = 6.8	x: 5.45 m η = 86.2	x: 0.05 m η = 3.3	x: 5.45 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 91.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.7**
N125/N81	η = 1.5	η = 6.9	x: 0.05 m η = 87.8	x: 5.45 m η = 3.3	x: 0.05 m η = 14.1	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 93.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 93.4**
N81/N28	η = 1.5	η = 7.1	x: 3.548 m η = 69.3	x: 0.05 m η = 2.5	x: 0.05 m η = 12.6	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 3.548 m η = 75.0	η < 0.1	η = 0.2	x: 0.05 m η = 4.5	x: 0.05 m η = 0.1	**CUMPLE η = 75.0**
N386/N342	η = 1.0	η = 4.6	x: 0.1 m η = 70.8	x: 5.45 m η = 1.2	x: 0.1 m η = 5.8	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 74.4	η < 0.1	η = 0.3	x: 0.1 m η = 3.7	η < 0.1	**CUMPLE η = 74.4**
N342/N298	η = 1.5	η = 6.8	x: 5.45 m η = 86.2	x: 5.45 m η = 7.3	x: 5.45 m η = 15.4	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 95.3	η < 0.1	η = 0.1	x: 5.45 m η = 6.0	x: 5.45 m η = 0.2	**CUMPLE η = 95.3**
N298/N254	η = 1.5	η = 6.8	x: 5.45 m η = 85.5	x: 0.05 m η = 3.4	x: 5.45 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 90.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 90.7**
N254/N210	η = 1.5	η = 6.8	x: 0.05 m η = 85.6	x: 5.45 m η = 3.2	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 92.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 92.2**
N210/N166	η = 1.5	η = 6.9	x: 0.05 m η = 84.7	x: 5.45 m η = 3.2	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 91.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.0**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N166/N122	η = 1.4	η = 7.0	x: 5.45 m η = 86.6	x: 5.45 m η = 3.3	x: 5.45 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 91.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.6**
N122/N78	η = 1.4	η = 7.1	x: 0.05 m η = 88.1	x: 0.05 m η = 4.7	x: 0.05 m η = 14.1	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 95.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 95.9**
N78/N16	η = 1.5	η = 7.3	x: 3.548 m η = 69.5	x: 5.432 m η = 2.5	x: 0.05 m η = 12.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 3.548 m η = 75.5	η < 0.1	η = 0.2	x: 0.05 m η = 4.5	x: 0.05 m η = 0.1	**CUMPLE η = 75.5**
N384/N340	η = 0.2	η < 0.1	x: 2.741 m η = 45.4	x: 0.319 m η = 1.9	x: 0.05 m η = 10.6	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.741 m η = 46.0	η < 0.1	η = 0.8	x: 0.05 m η = 6.0	η < 0.1	**CUMPLE η = 46.0**
N340/N296	η = 0.8	η = 1.9	x: 5.45 m η = 77.3	x: 5.45 m η = 7.5	x: 5.45 m η = 14.2	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 83.1	η < 0.1	η = 0.2	x: 5.45 m η = 5.6	x: 5.45 m η = 0.2	**CUMPLE η = 83.1**
N296/N252	η = 0.8	η = 1.9	x: 5.45 m η = 86.7	x: 0.05 m η = 3.5	x: 5.45 m η = 13.9	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 88.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.5**
N252/N208	η = 0.8	η = 1.8	x: 0.05 m η = 86.2	x: 0.05 m η = 3.3	x: 0.05 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 89.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 89.4**
N208/N164	η = 0.8	η = 1.8	x: 5.45 m η = 84.6	x: 5.45 m η = 3.1	x: 5.45 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.5**
N164/N120	η = 0.8	η = 1.7	x: 0.05 m η = 85.1	x: 5.45 m η = 3.1	x: 0.05 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 88.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.0**
N120/N76	η = 0.8	η = 1.6	x: 5.432 m η = 90.9	x: 0.05 m η = 5.2	x: 5.432 m η = 14.0	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 93.8	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 93.8**
N76/N12	η = 0.1	η = 0.3	x: 3.297 m η = 67.0	x: 0.068 m η = 2.0	x: 5.45 m η = 8.8	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 67.9	η < 0.1	η = 0.3	x: 5.45 m η = 4.9	η < 0.1	**CUMPLE η = 67.9**
N382/N338	η = 0.8	η = 2.0	x: 0.1 m η = 48.6	x: 5.45 m η = 3.0	x: 5.45 m η = 9.2	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 50.6	η < 0.1	η = 1.2	x: 5.45 m η = 4.6	η < 0.1	**CUMPLE η = 50.6**
N338/N294	η = 0.7	η = 1.8	x: 5.45 m η = 85.8	x: 5.45 m η = 7.5	x: 5.45 m η = 14.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 91.4	η < 0.1	η = 0.2	x: 5.45 m η = 6.0	x: 5.45 m η = 0.2	**CUMPLE η = 91.4**
N294/N250	η = 0.7	η = 1.8	x: 5.45 m η = 85.0	x: 0.05 m η = 4.0	x: 5.45 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.6**
N250/N206	η = 0.7	η = 1.8	x: 0.05 m η = 85.4	x: 0.05 m η = 3.6	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 88.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.6**
N206/N162	η = 0.7	η = 1.8	x: 0.05 m η = 84.7	x: 0.05 m η = 3.0	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.6**
N162/N118	η = 0.7	η = 1.8	x: 5.45 m η = 85.3	x: 0.05 m η = 3.2	x: 5.45 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.2**
N118/N74	η = 0.7	η = 1.9	x: 0.05 m η = 86.8	x: 0.05 m η = 5.7	x: 0.05 m η = 13.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 91.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.4**
N74/N20	η = 0.7	η = 2.0	x: 0.05 m η = 68.6	x: 0.05 m η = 3.7	x: 0.05 m η = 12.7	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 72.2	η < 0.1	η = 0.5	x: 0.05 m η = 7.0	η < 0.1	**CUMPLE η = 72.2**
N380/N336	η = 0.1	η = 0.1	x: 2.472 m η = 46.0	x: 5.432 m η = 2.6	x: 0.05 m η = 9.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.203 m η = 46.8	η < 0.1	η = 1.3	x: 0.05 m η = 5.3	η < 0.1	**CUMPLE η = 46.8**
N336/N292	η = 3.1	η = 0.7	x: 0.068 m η = 87.0	x: 5.45 m η = 7.3	x: 0.068 m η = 14.0	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.068 m η = 85.9	η < 0.1	η = 0.3	x: 0.068 m η = 7.4	η = 0.1	**CUMPLE η = 87.0**
N292/N248	η = 3.1	η = 0.7	x: 5.45 m η = 85.4	x: 0.05 m η = 4.2	x: 5.45 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 81.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.4**
N248/N204	η = 3.2	η = 0.7	x: 0.05 m η = 86.3	x: 0.05 m η = 3.8	x: 0.05 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 84.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.3**
N204/N160	η = 3.2	η = 0.7	x: 0.05 m η = 84.9	x: 0.05 m η = 2.9	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 82.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 84.9**
N160/N116	η = 3.2	η = 0.7	x: 0.05 m η = 86.0	x: 0.05 m η = 3.0	x: 0.05 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 83.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.0**
N116/N72	η = 3.3	η = 0.6	x: 5.432 m η = 99.3	x: 0.05 m η = 5.2	x: 5.432 m η = 14.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 96.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 99.3**
N72/N24	η < 0.1	η = 0.1	x: 3.297 m η = 55.3	x: 0.068 m η = 2.3	x: 5.45 m η = 8.8	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 56.0	η < 0.1	η = 0.6	x: 5.45 m η = 4.9	η < 0.1	**CUMPLE η = 56.0**
N354/N310	η = 8.4	η = 0.7	x: 5.45 m η = 41.4	x: 5.45 m η = 1.8	x: 5.45 m η = 6.4	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 36.7	η < 0.1	η = 0.8	x: 5.45 m η = 4.2	η < 0.1	**CUMPLE η = 41.4**
N310/N266	η = 8.3	η = 1.3	x: 0.05 m η = 53.4	x: 5.45 m η = 6.0	x: 0.05 m η = 7.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.7	η < 0.1	η = 0.1	x: 5.45 m η = 2.9	x: 5.45 m η = 0.1	**CUMPLE η = 53.4**
N266/N222	η = 8.1	η = 1.8	x: 0.05 m η = 54.3	x: 0.05 m η = 3.9	x: 0.05 m η = 8.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 43.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 54.3**
N222/N178	η = 7.9	η = 2.3	x: 0.05 m η = 53.7	x: 0.05 m η = 2.6	x: 0.05 m η = 7.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 53.7**
N178/N134	η = 7.7	η = 2.8	x: 0.05 m η = 52.8	x: 0.05 m η = 1.9	x: 0.05 m η = 7.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 52.8**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N134/N90	η = 7.5	η = 3.3	x: 0.05 m η = 52.2	x: 0.05 m η = 2.0	x: 0.05 m η = 7.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 52.2**
N90/N46	η = 7.3	η = 3.9	x: 0.05 m η = 51.4	x: 0.05 m η = 4.1	x: 0.05 m η = 7.8	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 51.4**
N46/N7	η = 7.1	η = 4.4	x: 0.05 m η = 47.0	x: 0.05 m η = 2.1	x: 0.05 m η = 6.9	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 36.3	η < 0.1	η = 0.3	x: 0.05 m η = 3.7	η < 0.1	**CUMPLE η = 47.0**
N353/N400	x: 5.46 m η = 0.1	x: 0 m η = 0.1	x: 5.46 m η = 13.3	x: 5.46 m η = 9.4	x: 5.46 m η = 1.9	x: 5.46 m η = 1.2	x: 0.273 m η < 0.1	x: 0.273 m η < 0.1	x: 5.46 m η = 23.6	x: 0.273 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 23.6**
N400/N399	x: 4.713 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 5.7	x: 0 m η = 2.1	x: 4.715 m η = 1.4	x: 0 m η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 7.8	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 7.8**
N399/N398	x: 5.46 m η = 0.1	x: 0.745 m η = 0.1	x: 0.745 m η = 8.2	x: 0.745 m η = 8.8	x: 0.745 m η = 2.2	x: 0.745 m η = 2.4	η < 0.1	η < 0.1	x: 0.745 m η = 17.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 17.0**
N398/N397	x: 5.46 m η = 0.1	x: 0 m η = 0.1	x: 0 m η = 9.5	x: 0 m η = 7.8	x: 0 m η = 1.7	x: 0 m η = 1.4	η < 0.1	η < 0.1	x: 0 m η = 17.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 17.4**
N397/N377	x: 5.46 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 11.6	x: 0 m η = 4.9	x: 0 m η = 1.7	x: 0 m η = 0.8	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 16.6	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 16.6**
N401/N406	η = 5.3	η = 1.9	x: 5.42 m η = 22.6	x: 5.42 m η = 35.7	x: 5.42 m η = 3.7	x: 5.42 m η = 6.2	η < 0.1	η < 0.1	x: 5.42 m η = 62.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 62.2**
N406/N405	η = 6.1	η = 2.2	x: 0 m η = 22.6	x: 0 m η = 35.7	x: 0 m η = 3.3	x: 0 m η = 5.3	η < 0.1	η < 0.1	x: 0 m η = 62.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 62.9**
N405/N404	η = 6.8	η = 2.6	x: 0 m η = 16.6	x: 0 m η = 33.2	x: 0 m η = 3.0	x: 0 m η = 5.2	η < 0.1	η < 0.1	x: 0 m η = 56.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 56.6**
N404/N403	η = 8.4	η = 3.3	x: 5.42 m η = 18.0	x: 5.42 m η = 27.3	x: 5.42 m η = 2.7	x: 0 m η = 4.1	η < 0.1	η < 0.1	x: 5.42 m η = 53.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 53.7**
N403/N402	η = 10.8	η = 4.4	x: 0 m η = 18.0	x: 0 m η = 27.3	x: 0 m η = 3.0	x: 0 m η = 4.2	η < 0.1	η < 0.1	x: 0 m η = 56.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 56.2**
N407/N412	η = 2.7	η = 0.1	x: 5.42 m η = 16.0	x: 5.42 m η = 20.4	x: 5.42 m η = 2.7	x: 5.42 m η = 3.4	η < 0.1	η < 0.1	x: 5.42 m η = 39.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 39.1**
N412/N411	η = 7.7	η = 1.1	x: 0 m η = 16.0	x: 0 m η = 20.4	x: 0 m η = 2.3	x: 0 m η = 2.9	η < 0.1	η < 0.1	x: 0 m η = 44.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 44.1**
N411/N410	η = 9.5	η = 1.5	x: 0 m η = 12.0	x: 0 m η = 16.5	x: 0 m η = 2.2	x: 0 m η = 2.9	x: 0 m η < 0.1	η < 0.1	x: 0 m η = 38.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 38.1**
N410/N409	η = 7.7	η = 1.2	x: 5.42 m η = 16.0	x: 5.42 m η = 21.4	x: 5.42 m η = 2.3	x: 5.42 m η = 3.0	η < 0.1	η < 0.1	x: 5.42 m η = 45.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 45.0**
N409/N408	η = 5.9	η = 1.3	x: 0 m η = 16.0	x: 0 m η = 21.4	x: 0 m η = 2.7	x: 0 m η = 3.4	η < 0.1	η < 0.1	x: 0 m η = 43.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 43.3**
N376/N351	x: 6.074 m η = 8.8	x: 0.056 m η = 13.3	x: 0.056 m η = 57.9	x: 6.076 m η = 2.3	x: 0.056 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 71.9	η < 0.1	η = 2.1	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 71.9**
N351/N393	x: 6.018 m η = 15.9	x: 0.056 m η = 1.3	x: 6.02 m η = 56.1	x: 0.056 m η = 2.3	x: 6.02 m η = 5.8	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 6.02 m η = 72.4	η < 0.1	η = 1.7	x: 6.02 m η = 3.1	η < 0.1	**CUMPLE η = 72.4**
N393/N347	x: 6.074 m η = 2.8	x: 0.112 m η = 13.7	x: 0.112 m η = 65.0	x: 6.076 m η = 2.3	x: 0.112 m η = 5.9	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 79.6	η < 0.1	η = 1.4	x: 0.112 m η = 3.2	η < 0.1	**CUMPLE η = 79.6**
N347/N389	x: 6.018 m η = 10.9	x: 0.056 m η = 1.2	x: 6.02 m η = 64.5	x: 0.056 m η = 2.3	x: 6.02 m η = 6.0	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 6.02 m η = 75.9	η < 0.1	η = 1.2	x: 6.02 m η = 3.3	η < 0.1	**CUMPLE η = 75.9**
N389/N334	x: 6.074 m η = 1.1	x: 0.112 m η = 4.1	x: 0.112 m η = 67.9	x: 6.076 m η = 2.3	x: 0.112 m η = 6.0	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 71.9	η < 0.1	η = 0.1	x: 0.112 m η = 3.3	η < 0.1	**CUMPLE η = 71.9**
N386/N334	x: 6.074 m η = 3.3	x: 0.112 m η = 9.3	x: 0.112 m η = 70.1	x: 6.076 m η = 2.1	x: 0.112 m η = 6.1	x: 0.112 m η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 80.9	η < 0.1	η = 0.1	x: 0.112 m η = 2.3	x: 0.112 m η = 0.3	**CUMPLE η = 80.9**
N340/N386	x: 6.018 m η = 16.6	x: 0.056 m η = 3.9	x: 6.02 m η = 66.0	x: 0.056 m η = 2.2	x: 6.02 m η = 6.1	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 6.02 m η = 83.1	η < 0.1	η = 1.5	x: 6.02 m η = 3.3	η < 0.1	**CUMPLE η = 83.1**
N382/N340	x: 6.074 m η = 5.5	x: 0.112 m η = 19.3	x: 0.112 m η = 60.8	x: 6.076 m η = 2.1	x: 0.112 m η = 5.8	x: 0.112 m η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 81.0	η < 0.1	η = 2.0	x: 0.112 m η = 3.2	η < 0.1	**CUMPLE η = 81.0**
N336/N382	x: 6.018 m η = 23.2	x: 0.056 m η = 3.0	x: 6.02 m η = 50.5	x: 0.056 m η = 2.1	x: 6.02 m η = 5.7	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 6.02 m η = 73.8	η < 0.1	η = 1.6	x: 6.02 m η = 3.1	η < 0.1	**CUMPLE η = 73.8**
N354/N336	x: 6.074 m η = 1.9	x: 0.056 m η = 16.9	x: 0.056 m η = 57.6	x: 6.076 m η = 2.2	x: 0.056 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 75.3	η < 0.1	η = 2.8	x: 0.056 m η = 3.0	η < 0.1	**CUMPLE η = 75.3**
N8/N87	x: 6.074 m η = 7.4	x: 0.056 m η = 16.1	x: 0.056 m η = 60.2	x: 6.076 m η = 2.4	x: 0.056 m η = 5.7	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 77.1	η < 0.1	η = 2.0	x: 0.056 m η = 3.1	η < 0.1	**CUMPLE η = 77.1**
N87/N42	x: 6.074 m η = 19.3	x: 0.056 m η = 7.9	x: 0.056 m η = 53.3	x: 0.056 m η = 2.5	x: 0.056 m η = 5.8	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 74.6	η < 0.1	η = 0.9	x: 0.056 m η = 3.1	η < 0.1	**CUMPLE η = 74.6**
N42/N83	x: 6.074 m η = 6.5	x: 0.056 m η = 15.3	x: 6.076 m η = 51.0	x: 6.076 m η = 2.3	x: 6.076 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 6.076 m η = 67.5	η < 0.1	η = 2.4	x: 6.076 m η = 3.0	η < 0.1	**CUMPLE η = 67.5**
N83/N28	x: 6.074 m η = 13.8	x: 0.056 m η = 5.1	x: 0.056 m η = 49.9	x: 0.056 m η = 2.4	x: 0.056 m η = 5.7	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 65.8	η < 0.1	η = 1.3	x: 0.056 m η = 3.0	η < 0.1	**CUMPLE η = 65.8**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N28/N70	x: 6.074 m η = 2.0	x: 0.056 m η = 4.9	x: 6.076 m η = 49.3	x: 6.076 m η = 2.3	x: 6.076 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 6.076 m η = 53.4	η < 0.1	η = 1.8	x: 6.076 m η = 3.0	η < 0.1	**CUMPLE η = 53.4**
N16/N70	x: 6.074 m η = 2.1	x: 0.056 m η = 6.6	x: 6.076 m η = 49.2	x: 6.076 m η = 2.3	x: 6.076 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 6.076 m η = 56.6	η < 0.1	η = 1.8	x: 6.076 m η = 3.0	η < 0.1	**CUMPLE η = 56.6**
N76/N16	x: 6.074 m η = 17.4	x: 0.056 m η = 5.1	x: 0.056 m η = 49.7	x: 0.056 m η = 2.4	x: 0.056 m η = 5.7	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 69.1	η < 0.1	η = 1.4	x: 0.056 m η = 3.0	η < 0.1	**CUMPLE η = 69.1**
N20/N76	x: 6.074 m η = 6.5	x: 0.056 m η = 18.8	x: 6.076 m η = 50.9	x: 6.076 m η = 2.3	x: 6.076 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 6.076 m η = 70.9	η < 0.1	η = 2.4	x: 6.076 m η = 3.0	η < 0.1	**CUMPLE η = 70.9**
N72/N20	x: 6.074 m η = 21.8	x: 0.056 m η = 8.0	x: 0.056 m η = 53.1	x: 0.056 m η = 2.5	x: 0.056 m η = 5.8	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 76.7	η < 0.1	η = 0.9	x: 0.056 m η = 3.1	η < 0.1	**CUMPLE η = 76.7**
N7/N72	x: 6.074 m η = 7.1	x: 0.056 m η = 14.9	x: 0.056 m η = 57.4	x: 6.076 m η = 2.4	x: 0.056 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 73.2	η < 0.1	η = 2.9	x: 0.056 m η = 3.1	η < 0.1	**CUMPLE η = 73.2**
N413/N414	η = 0.8	η = 0.3	x: 5.42 m η = 10.2	x: 2.246 m η = 16.0	x: 5.42 m η = 1.8	x: 5.42 m η = 3.7	η < 0.1	η < 0.1	x: 5.42 m η = 26.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 26.9**
N414/N399	η = 1.1	η = 0.4	x: 0 m η = 10.2	x: 0 m η = 16.0	x: 0 m η = 1.5	x: 0 m η = 2.7	η < 0.1	η < 0.1	x: 0 m η = 27.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 27.0**
N398/N404	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 6.7	x: 1.47 m η = 22.4	x: 1.47 m η = 6.3	η = 6.8	η = 0.4	x: 0.184 m η < 0.1	x: 0.184 m η < 0.1	x: 1.47 m η = 35.3	x: 0.184 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 35.3**
N404/N410	x: 2.55 m η < 0.1	x: 0 m η = 7.8	x: 2.55 m η = 54.3	x: 2.55 m η = 8.2	η = 3.5	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 70.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 70.1**
N410/N389	x: 0.428 m η = 0.4	x: 0 m η = 4.8	x: 0.429 m η = 43.5	x: 0 m η = 8.2	η = 5.7	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 55.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 55.3**
N399/N405	N_{Ed} = 0.00 N.P.(1)	x: 0.09 m η = 7.6	x: 0.09 m η = 36.3	x: 2.13 m η = 4.4	η = 9.5	η = 0.1	η < 0.1	η < 0.1	x: 0.09 m η = 47.0	η < 0.1	η = 0.1	η = 2.8	η < 0.1	**CUMPLE η = 47.0**
N405/N411	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 7.6	x: 2.55 m η = 56.0	x: 2.55 m η = 5.6	η = 5.3	η = 0.3	η < 0.1	η < 0.1	x: 2.55 m η = 68.8	η < 0.1	η = 0.1	η = 1.2	η = 0.2	**CUMPLE η = 68.8**
N411/N386	x: 0.428 m η = 0.3	x: 0 m η = 4.7	x: 0.429 m η = 46.5	x: 0.429 m η = 12.2	η = 5.0	η = 1.3	η < 0.1	η < 0.1	x: 0.429 m η = 63.3	η < 0.1	η = 0.1	η = 3.4	η = 0.3	**CUMPLE η = 63.3**
N400/N414	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 5.3	x: 0.66 m η = 10.3	x: 0.66 m η = 2.4	η = 7.0	η = 0.3	x: 0.165 m η < 0.1	x: 0.165 m η < 0.1	x: 0.66 m η = 17.9	x: 0.165 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 17.9**
N414/N406	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 6.2	x: 2.13 m η = 37.6	x: 2.13 m η = 4.3	η = 4.3	η = 0.1	η < 0.1	η < 0.1	x: 2.13 m η = 47.8	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 47.8**
N406/N412	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 5.9	x: 0 m η = 39.8	x: 2.55 m η = 5.8	η = 4.2	η = 0.3	η < 0.1	η < 0.1	x: 2.55 m η = 50.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 50.3**
N412/N382	x: 0.268 m η = 0.1	x: 0 m η = 3.5	x: 0 m η = 30.2	x: 0.269 m η = 15.5	η = 6.7	η = 3.1	η < 0.1	η < 0.1	x: 0.269 m η = 47.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 47.6**
N397/N403	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 5.4	x: 0.81 m η = 13.0	x: 0.81 m η = 7.5	η = 7.2	η = 0.8	x: 0.203 m η < 0.1	x: 0.203 m η < 0.1	x: 0.81 m η = 25.7	x: 0.203 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 25.7**
N403/N409	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 7.0	x: 2.55 m η = 44.9	x: 2.55 m η = 9.0	η = 3.8	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 60.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 60.7**
N409/N393	x: 0.268 m η = 0.3	x: 0 m η = 4.2	x: 0.269 m η = 35.6	x: 0 m η = 9.0	η = 5.5	η = 0.4	η < 0.1	η < 0.1	x: 0 m η = 48.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 48.0**
N419/N418	η = 4.4	η = 51.4	x: 5.5 m η = 17.4	x: 5.5 m η = 23.5	x: 5.5 m η = 2.8	x: 5.5 m η = 3.7	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 68.9	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 68.9**
N418/N417	η = 4.7	η = 50.9	x: 0 m η = 17.4	x: 0 m η = 23.5	x: 0 m η = 2.5	x: 0 m η = 3.3	η < 0.1	η < 0.1	x: 0 m η = 68.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 68.4**
N417/N416	η = 5.2	η = 49.8	x: 5.5 m η = 17.4	x: 5.5 m η = 25.0	x: 5.5 m η = 2.5	x: 5.5 m η = 3.4	η < 0.1	η < 0.1	x: 5.5 m η = 68.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 68.2**
N416/N415	η = 7.4	η = 42.6	x: 0 m η = 17.4	x: 0 m η = 25.0	x: 0 m η = 2.8	x: 0 m η = 3.8	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 60.9	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 60.9**
N427/N426	η < 0.1	η = 70.0	x: 5.5 m η = 17.7	x: 5.5 m η = 24.4	x: 5.5 m η = 2.9	x: 5.5 m η = 3.9	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 87.7	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.7**
N426/N425	η < 0.1	η = 69.9	x: 0 m η = 17.7	x: 0 m η = 24.4	x: 0 m η = 2.5	x: 0 m η = 3.4	η < 0.1	η < 0.1	x: 0 m η = 87.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.7**
N425/N424	η = 0.1	η = 69.8	x: 5.5 m η = 17.7	x: 5.5 m η = 24.4	x: 5.5 m η = 2.5	x: 5.5 m η = 3.4	η < 0.1	η < 0.1	x: 5.5 m η = 87.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.5**
N424/N423	η = 0.2	η = 67.1	x: 0 m η = 17.7	x: 0 m η = 24.4	x: 0 m η = 2.9	x: 0 m η = 3.9	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 84.9	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 84.9**
N408/N422	η = 6.5	η = 43.7	x: 5.5 m η = 17.4	x: 5.5 m η = 27.3	x: 5.5 m η = 2.8	x: 5.5 m η = 3.8	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 64.2	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 64.2**
N422/N421	η = 5.0	η = 50.6	x: 0 m η = 17.4	x: 0 m η = 27.3	x: 0 m η = 2.5	x: 0 m η = 3.5	η < 0.1	η < 0.1	x: 0 m η = 71.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 71.0**
N421/N420	η = 4.4	η = 51.5	x: 5.5 m η = 17.4	x: 5.5 m η = 23.8	x: 5.5 m η = 2.5	x: 5.5 m η = 3.4	η < 0.1	η < 0.1	x: 5.5 m η = 69.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 69.2**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N420/N419	η = 4.3	η = 51.6	x: 0 m η = 17.4	x: 0 m η = 23.8	x: 0 m η = 2.8	x: 0 m η = 3.7	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 69.3	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 69.3**
N402/N430	η = 0.2	η = 67.1	x: 5.5 m η = 17.7	x: 5.5 m η = 24.4	x: 5.5 m η = 2.9	x: 5.5 m η = 3.9	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 84.9	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 84.9**
N430/N429	η = 0.1	η = 69.8	x: 0 m η = 17.7	x: 0 m η = 24.4	x: 0 m η = 2.5	x: 0 m η = 3.4	η < 0.1	η < 0.1	x: 0 m η = 87.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.6**
N429/N428	η < 0.1	η = 69.9	x: 5.5 m η = 17.7	x: 5.5 m η = 24.4	x: 5.5 m η = 2.5	x: 5.5 m η = 3.4	η < 0.1	η < 0.1	x: 5.5 m η = 87.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.7**
N428/N427	η < 0.1	η = 70.0	x: 0 m η = 17.7	x: 0 m η = 24.4	x: 0 m η = 2.9	x: 0 m η = 3.9	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 87.7	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.7**

Notación:

N_t: Resistencia a tracción
N_c: Resistencia a compresión
M_Y: Resistencia a flexión eje Y
M_Z: Resistencia a flexión eje Z
V_Z: Resistencia a corte Z
V_Y: Resistencia a corte Y
M_YV_Z: Resistencia a momento flector Y y fuerza cortante Z combinados
M_ZV_Y: Resistencia a momento flector Z y fuerza cortante Y combinados
NM_YM_Z: Resistencia a flexión y axil combinados
$NM_YM_ZV_YV_Z$: Resistencia a flexión, axil y cortante combinados
M_t: Resistencia a torsión
M_tV_Z: Resistencia a cortante Z y momento torsor combinados
M_tV_Y: Resistencia a cortante Y y momento torsor combinados
x: Distancia al origen de la barra
η: Coeficiente de aprovechamiento (%)
N.P.: No procede

Comprobaciones que no proceden (N.P.):

(1) La comprobación no procede, ya que no hay axil de tracción.
(2) La comprobación no procede, ya que no hay momento torsor.
(3) No hay interacción entre momento torsor y esfuerzo cortante para ninguna combinación. Por lo tanto, la comprobación no procede.
(4) La comprobación no procede, ya que no hay axil de compresión.

MA. ANNEXOS A LA MEMÒRIA

MA 1. Fitxes justificatives del compliment de la normativa.

Fitxa justificativa d'aplicació de la norma NCSE-02

Fitxa justificativa DB SI "Seguretat en cas d'Incendi"

Fitxa justificativa DB HS1 "Protecció enfront de la humitat"

MA 2. Justificació del DB SE (Seguretat Estructural)

MA 3. Estudi Bàsic de Seguretat i Salut

MA 4. Estudi de gestió de residus

FITXA D'APLICACIÓ DE LA NORMA NCSE-02 norma de construcció sismoresistent	EDIFICIS nova construcció

IDENTIFICACIÓ DE L'EDIFICI

Situació: Carretera TV-3317, s/n / Carrer Sant Antoni s/n	**Municipi:** Freginals
Número de plantes sobre rasant: 1	

CARACTERÍSTIQUES DE LA CONSTRUCCIÓ

Classificació de l'edifici en funció de la seva importància: (Article 1.2.2)	**Moderada** Edificis amb probabilitat menyspreable de què la seva destrucció per un terratrèmol pugui ocasionar víctimes, interrompre un servei primari o produir danys econòmics significatius a tercers.	**Normal** Edificis la destrucció dels quals per un terratrèmol pugui ocasionar víctimes, interrompre un servei per a la col·lectivitat, o produir importants pèrdues econòmiques, sense que en cap cas es tracti d'un servei imprescindible ni pugui donar lloc a efectes catastròfics.	**Especial** Edificis la destrucció dels quals per un terratrèmol pugui interrompre un servei imprescindible o donar lloc a efectes catastròfics. En aquest grup s'inclouen les construccions que així es considerin en el planejament urbanístic i documents públics anàlegs, així com en reglamentacions més específiques	
Acceleració bàsica a_b: (1) (2)	En funció del municipi d'acord a l'annex I de l'NCSE-02	**a_b / g < 0,04**	**a_b / g =**	0,04
Acceleració de càlcul a_c: (Només en edificis d'importància normal o especial i amb $a_b \geq 0{,}04g$)	**Coeficient del tipus de sòl C:** (3) S'adoptarà com a valor de C el valor mig dels 30 primers metres sota la superfície obtingut en ponderar els coeficients C_i de cada estrat del terreny amb el seu gruix e_i, en metres.	$C = \frac{\sum C_i \cdot e_i}{30} = 0{,}00$		
	Coeficient de risc ρ Edificis d'importància normal $\rho = 1{,}0$ Edificis d'importància especial $\rho = 1{,}3$ $\rho = 1{,}0$	**Coeficient d'amplificació del terreny S** Si $\rho \cdot a_b \leq 0{,}1\ g \rightarrow$ **S = C / 1,25** Si $0{,}1\ g < \rho \cdot a_b < 0{,}4\ g \rightarrow S = \frac{C}{1{,}25} + 3{,}33 \cdot (\rho \cdot \frac{a_b}{g} - 0{,}1) \cdot (1 - \frac{C}{1{,}25})$ Si $0{,}4\ g \leq \rho \cdot a_b \rightarrow$ **S = 1,0** **S = 1,00**		
		(4) **a_c / g = S · ρ · a_b / g =**		0,040
Tipus d'estructura: (1) (4) (5)	Estructura de perfils metàl·lics			

CRITERIS D'APLICACIÓ DE LA NORMA

Edificis d'importància moderada	**No cal aplicar l'NCSE-02**	
a_b < 0,04g	**No cal aplicar l'NCSE-02**	
0,04 g ≤ a_b < 0,08g (2)	**Cal aplicar l'NCSE-02**	
	Excepció: **No és d'aplicació l'NCSE-02** en edificis de normal importància sempre que: - Es disposi d'una estructura de pòrtics arriostrats (5), amb característiques de resistència i rigidesa similars en les dues direccions, per resistir esforços horitzontals en qualsevol direcció i - No es fonamenti l'edifici sobre terrenys potencialment inestables. En cap cas aquesta excepció serà d'aplicació en edificis de més de 7 plantes si l'acceleració sísmica de càlcul $a_c \geq 0{,}08g$	
$a_b \geq 0{,}08g$ (1)	**Cal aplicar l'NCSE-02** sense excepcions	

Per tant,	**NO CAL APLICAR LA NORMA NCSE-02**	
	ÉS D'APLICACIÓ LA NORMA NCSE-02. En la memòria de càlcul consten les accions sísmiques considerades, les hipòtesis i les conclusions adoptades. I en els plànols es fan constar els nivells de ductilitat utilitzats en el càlcul.	

Data Data L'arquitecte/a Inés Aquilué Junyent, Paula Catalan Gasulla

Notes:

1) Les edificacions de fàbrica de maó, de blocs de morter, o similars, si $0{,}08g \leq a_b < 0{,}12g$ tindran 4 plantes com a màxim. I si $a_b \geq 0{,}12g$ en tindran, com a màxim, 2. (art. 1.2.3)
2) Quan $a_b \geq 0{,}04g$ no s'executaran estructures de paredat, tàpia o tova.
3) **Coeficient del terreny C**: En funció del tipus de terreny:
   Terreny I (Roca compacta, sòl cimentat o granular molt dens): C= 1.
   Terreny II (Roca molt fracturada, sòls granulars densos o cohesius durs): C= 1,3.
   Terreny III (Sòl granular de compacitat mitja, o sòl cohesiu de consistència ferma o molt ferma): C= 1,6.
   Terreny IV (Sòl granular solt, o sòl cohesiu tou): C= 2.
4) Les estructures de murs de fàbrica, si $0{,}08g \leq a_c \leq 0{,}12g$, l'alçada màxima serà de 4 plantes. I si $a_c > 0{,}12g$ l'alçada màxima serà de 2 plantes. (art. 4.4.1)
5) En el cas d'estructures de pòrtics és important fer constar si estan ben arriostrats. L'existència d'una capa superior armada, monolítica i enllaçada a l'estructura en la totalitat de la superfície de cada planta permet considerar els pòrtics com ben arriostrats entre sí en totes les direccions (d'acord als comentaris de l'NCSE-02 C.1.2.3).

NORMA DE CONSTRUCCIÓ SISMORESISTENT NCSE-02 · Oficina Consultora Tècnica · Col·legi d'Arquitectes de Catalunya · Octubre 2004 · v. 1.1

Generalitat de Catalunya
Departament d'Interior
Direcció General de Prevenció, Extinció d'Incendis i Salvaments

FITXA D'APLICACIÓ CTE. Condicions de protecció contra incendis RD 314/2006, de 17 de març, pel qual s'aprova el Codi Tècnic de l'Edificació. RD 1371/2007, de 19 d'octubre, pel qual es modifica el RD 314/2006. BOE nº 22 de 25/01/2008 Correcció d'errors i errades del RD 314/2006. ORDEN VIV/984/2009, de 15 d'abril, per la qual es modifiquen determinats documents bàsics del Codi Tècnic de l'Edificació. RD 173/2010, de 19 de febrer, pel qual es modifica el Codi Tècnic de l'Edificació, en matèria d'accessibilitat i no discriminació de les persones amb discapacitat.	**EDIFICIS D'ÚS PÚBLICA CONCURRÈNCIA** **Data 17/12/2010**

ÀMBIT	Edifici o establiment destinat a alguns dels següents usos: cultural (destinats a restauració, espectacles, reunions, esports, esbarjo, auditoris, jocs i similars), religiós o de transport de persones.

1. ACCESSIBILITAT PER A BOMBERS (DB SI 5)		
ENTORN	Espais per a intervenció de bombers	Els edificis amb alçada d'evacuació > 9 m han de disposar d'un espai de maniobra amb les següents condicions: Amplada mínima lliure: 5 m Alçada lliure: la de l'edifici Separació màxima del vehicle a la façana de l'edifici: - Edificis fins 15 m d'alçada d'evacuació: 23 m - Edificis entre 15 i 20 m d'alçada d'evacuació: 18 m - Edificis de més de 20 m d'alçada d'evacuació: 10 m Distància màxima fins els accessos a l'edifici necessaris per poder arribar fins a totes les seves zones: 30 m Pendent màxima: 10% Resistència al punxonament : 100kN sobre 20 cm Ø
	Vials d'accés per als bombers	Els vials d'aproximació han de complir les següents condicions: Amplada mínima lliure: 3.5 m Alçada mínima lliure: 4.5 m Capacitat portant del vial: 20 kN/m^2
	Forats en façana	Condicions que han de complir els forats en façana: Facilitar l'accés en façana a cada una de les plantes de l'edifici, l'alçada d'ampit respecte el nivell de planta a la que s'accedeix ≤ 1.20 m. Dimensions horitzontals i verticals han de ser almenys 0.80 m i 1.20 m. Distància màxima entre eixos verticals de 2 forats consecutius ≤ 25 m.

2. LÍMITS A L'EXTENSIÓ DE L'INCENDI (DB SI 1, 2, 6)

2.1. Estructura: descripció i grau d'estabilitat al foc (forjats, bigues, suports i demés elements estructurals)

Requeriments a garantir en funció de: - l'alçada d'evacuació de l'edifici (**h**) - situació de plantes sobre rasant o plantes soterrani.	**Alçada d'evacuació de l'edifici (h)**			
	Plantes soterrani	**Plantes sobre rasant**		
		h ≤ 15m	**h ≤ 28**	**h > 28m**
Estructura general	R120 (R180 si **h** > 28m)	R90	R120	R180
En escales protegides	▪ R-30. (no s'exigeix R a escales especialment protegides)			
Vestíbul d'independència	▪ Parets EI 120 i portes amb la quarta part de la resistència al foc de l'element compartidor i com a mínim EI_2 30-C5			
Cobertes lleugeres (G_k ≤ 1kN/m²) i els seus suports	▪ R- 30 en cobertes lleugeres no previstes per evacuació d'ocupants i amb **h** < 28 m sobre rasant			
Estructura sustentant d'elements tèxtils (carpes)	▪ R30 (excepte quan l'element s'acrediti de classe M2 i que a l'assaig es perfora).			

2.2. Resistència al foc de les parets mitgeres, consideració de mur tallafoc

Elements verticals separadors amb d'altres edificis		▪ EI-120
FAÇANES	A la trobada amb elements que compartimenten sectors d'incendi, zones de risc especial alt o escales protegides o passadissos protegits.	• EI 60 en una franja de 1.00 m d'alçada per evitar propagació vertical. • EI 60 en una distància D en projecció horitzontal, en funció de l'angle α format pel pla de les façanes (taula punt 1.2 SI 2). En edificis diferents veïns, cada edifici complirà el 50% de D. • Materials que ocupen més del 10 %, classe B s3 d2 fins a 3,5 m d'alçada com a mínim i tota la façana quan tingui més de 18 m d'alçada.
COBERTES	A la trobada amb elements que compartimenten sectors d'incendi o zones de risc	• Recrescut de 0.60 m per sobre de coberta; o bé: franja REI 60 de 0.50 m d'amplada mesurada des de el edifici adjacent i franja de 1.00 m d'amplada situada sobre la trobada amb la coberta. • Especificacions de distància entre elements amb EI < 60 en funció de la seva separació:

	especial alt	Horitzontal (m)	>2,5	2,00	1,75	1,50	1,25	1,00	0,75	0,50	0
		Vertical (m)	0	1,00	1,50	2,00	2,50	3,00	3,50	4,00	5,00
	Materials de revestiment o acabat exterior, lluernaris, claraboies, ventilacions...	• Reacció Broof (t1) quan ocupin mes del 10% del revestiment o acabat exterior de les zones a menys de 5 m de la projecció vertical de façana la resistència al foc de la qual no sigui com a mínim EI 60, incloent la cara superior dels voladissos amb sortint superior a 1m; també lluernaris, elements d'iluminació o ventilació.									

2.3. Sectors d'incendi : superfícies, *resistència al foc* del elements sectoritzadors

Sectors d'incendi	• L'establiment respecte la resta de l'edifici. • La *caixa escènica* (teatre, sala d'òpera, etc.) • Zones d'usos subsidiaris: o *Residencial Habitatge* (en tot cas) o *Administratiu, Comercial* i/o *Docent* > 500 m² o *Aparcament* > 100 m² (en tot cas si és robotitzat) • S ≤ 2500 m² (5000 m² amb protecció per instal·lació automàtica d'extinció).			
	Excepcions: • Espais de públic en seients fixes (cines, teatres, auditoris, sales de congressos,... museus, espais de culte religiós i recintes poliesportius, firals i similars) sempre que:. • Estiguin compartimentats respecte altres zones mitjançant elements EI 120 • Evacuació mitjançant sortides de planta que comuniquin, a un sector de risc mínim a traves de vestíbuls d'independència o bé mitjançant sortides d'edifici. • Materials de revestiment B-s1,do en parets i sostres i Bfl-s1 en sols • Densitat de carrega de foc < 200 MJ/m² per materials de revestiment i de mobiliari fix. • No existeixi en aquest espai cap zona habitable • Espais diàfans: poden constituir un únic sector d'incendis que superi els límits de superfície construïda que s'estableix, sempre que almenys el 90% es desenvolupi en una planta, les seves sortides comuniquin directament a l'espai exterior, almenys el 75% del perímetre sigui façana i no existeixi sobre el recinte cap zona habitable. • *Sectors de risc mínim* : Sense limitació de superfície.			
Requeriments a garantir en funció de: – l'alçada d'evacuació de l'edifici (**h**) – situació de plantes sobre rasant o plantes soterrani.	**Alçada d'evacuació de l'edifici (h)**			
	Plantes soterrani	**Plantes sobre rasant**		
		h ≤ 15m	**15 < h ≤ 28m**	**h > 28m**
Elements separadors de sectors (1)	EI 120 (EI 180 si **h** > 28)	EI 90	EI 120	EI 180
Sector de risc mínim (2)	no s'admet	EI 120		
Portes de pas entre sectors	▪ EI_2 *t* -C5, *t* es la meitat del temps de resistència al foc demanat a la paret a la que es trobi, o be la quarta part quan el pas es realitzi a través d'un vestíbul previ i de dues portes.			
Caixa escènica	▪ Sector d'incendi diferenciat amb elements EI 120 respecte la sala d'espectadors ▪ Tancament de boca per teló EI 60; acció auto/manual (maniobra de 30 s; pressió 0,4 kN/m²) ▪ Cortina d'aigua d'acció auto/manual (dins i fora de l'escenari) ▪ *Vestíbul d'independència* en comunicacions amb la sala			
Elements d'evacuació protegits	Escala protegida i especialment protegida	Compartiment EI 120; portes EI_2 60-C5; tapes EI 60.		
	Vestíbul d'independència	Compartiment EI 120 i portes amb la quarta part de la resistència al foc de l'element compartidor i com a mínim EI_2 30-C5.		
	Ventilació o control de fums	- Finestres o forats oberts a l'exterior de s ≥ 1 m² a cada planta - Per un sistema de pressió diferencial - Per conductes		
	Finestres o forats en façana	Distància d'elements EI < 60 en funció de l'angle α de façanes:		
		α (°)	0	45	60	90	135	180
		D (m)	3,00	2,75	2,50	2,00	1,25	0,50
Ascensors que comuniquen plantes de sectors diferents i no estan continguts en escales protegides.	Tots els accessos seran per portes E 30, o per *vestíbuls d'independència* amb una porta EI_2 30-C5, exceptuant quan es considerin dos sectors i l'inferior sigui de risc mínim o disposi de portes E 30 o vestíbul d'independència amb una porta EI_2 30-C5, el sector superior s'eximeix de les esmentades mesures. Obligat *vestíbul d'independència* en accessos a recintes de risc especial.			

Cambres, patis o conductes que travessen elements de compartimentació	Tancament o barrera interior d'almenys la mateixa *resistència al foc* exigible a l'element travessat. Tapes de registre amb el 50% de la *resistència al foc* del tancament. Els conductes no estancs es limiten a 3 plantes i 10 m de desenvolupament vertical on els elements no siguin B-s3,d2; B_L-s3,d2 o millor. Cal garantir la EI en els passos d'instal·lacions, excepte quan la secció de pas < 50 cm^2.

2.4. Locals de risc especial (*) : condicions d'aplicació

LOCALS DE RISC ESPECIAL	RISC BAIX	RISC MIG	RISC ALT
Elements estructurals	R 90	R 120	R 180
Parets i sostres	EI 90	EI 120	EI 180
Vestíbul d'independència	-	SI	SI
Portes d'entrada	EI_2 45-C5	EI_2 30-C5 (les dues)	EI_2 45-C5 (les dues)
Revestiment parets i sostres	B-s1,d0	B-s1,d0	B-s1,d0
Revestiment terres	B_{FL}-s1	B_{FL}-s1	B_{FL}-s1

2.5. Reacció al foc dels materials

MATERIALS DE REVESTIMENT		
En recintes protegits	Terres	C_{FL}-s1
	Parets i sostres	B-s1, d0
En recorreguts normals	Terres	E_{FL}
	Parets i sostres	C-s2, d0 Tancaments formats per elements tèxtils (carpes i/o lones): M2 conforme a UNE 23727:1990
En falsos sostres o terres elevats o aquells que, sent estancs, continguin instal·lacions susceptibles d'iniciar o propagar un incendi	Terres	B_{FL}-s2
	Parets i sostres	B-s3, d0
Elements decoratius i mobiliari	• Butaques i seients fixes tapissats: – Tapissats: Parts 1 i 2 de la norma UNE-EN 1021:2006 • Elements tèxtils suspesos, com telons, cortines, etc: – Classe 1 conforme a la norma UNE-EN 13773:2003	

COMPONENTS ELÈCTRICS	Segons reglament específic

3. CONDICIONS D'EVACUACIÓ D'OCUPANTS (DB SI 3, DB SUA 1 a 5)

OCUPACIÓ			
Densitat d'ocupació (persones per unitat de superfície útil)	1 persona / 0,25 m^2	▪ zones per a espectadors dempeus	
	1 persona / seient	▪ zones destinades a espectadors amb seients definits en el projecte	
	1 persona / 0,5 m^2	▪ zones destinades a espectadors asseguts amb seients sense definir ▪ zones de públic en discoteques	
	1 persona / 1 m^2	▪ zones de públic dempeus en bars, cafeteries, etc. ▪ salons d'ús múltiple en edificis per congressos, hotels, etc.	
	1 persona / 1,2 m^2	▪ zones de públic de "menjar ràpid" (hamburgueseries, pizzeries, etc.)	
	1 persona / 1,5 m^2	▪ zones de públic de gimnasos sense aparells. ▪ zones de públic assegut en bars, cafeteries, restaurants, etc.	
	1 persona / 2 m^2	▪ sales d'espera, sales de lectura en biblioteques, zones d'ús públic en museus, galeries d'art, fires i exposicions, etc. ; vestíbuls generals, zones d'ús de públic en plantes de soterrani, baixa i entresòl; vestíbuls, vestuaris, camerinos o altres dependències similars i annexes a sales d'espectacles i de reunió. ▪ zones de bany de piscines públiques.	
	1 persona / 3 m^2	▪ vestuaris de piscines públiques. ▪ lavabos de planta	
	1 persona / 4 m^2	▪ zones d'estança pública en piscines descobertes.	
	1 persona / 5 m^2	▪ zones de públic amb aparells de gimnasos.	

		1 persona / 10 m²	▪ zones d'us administratiu. ▪ zones de públic en terminals de transport. ▪ zones de servei de bars, restaurants, cafeteries, etc.
		1 persona / 40 m²	▪ arxius i magatzems
	Zones d'ocupació nul·la	▪ Zones d'ocupació ocasional i zones accessibles únicament a efectes de manteniment (sala de màquines, locals per material de neteja).	
ESPAI EXTERIOR SEGUR		▪ S > 0,50 m² / persona, en un radi de 0,1 P m (P = número d'ocupants previstos per la sortida; no necessari si P<50). ▪ A més de 15 m de la façana en espais no comunicats amb la xarxa viària o altres espais oberts. ▪ Permet la dissipació de calor i fums; accessible per bombers. ▪ Pot ser la coberta d'edifici estructuralment independent del edifici que hi surt sempre que l'incendi no pugi afectar ambdós edificis.	
3.1. Elements d'evacuació			
PORTES PASSOS	Dimensionat	▪ Capacitat: A ≥ P / 200 ▪ Amplada ≥ 0.80m (tota fulla de porta no pot ser menor que 0.60m, ni superar 1.23m).	
	Característiques	▪ Abatibles d'eix vertical i fàcilment operables si P>50 persones. ▪ Obertura en sentit d'evacuació si P>100 persones o bé en caixa escènica i en recinte ▪ d'ocupació > 50. ▪ Les portes giratòries han de tenir portes abatibles d'obertura manual al seu costat. ▪ Les portes automàtiques han de tenir un sistema que en cas de fallada asseguri que resten obertes	
	Passos entre fileres de seients (Localitats)	**Localitats de seient en sales (cines, teatres, auditoris, etc.):** • Màxim de 12 seients en fila de sortida única; pas de A ≥ 30 cm fins a 7 seients i 2,5 cm més per cada seient addicional. • En files amb sortida pels dos extrems, pas de A ≥ 30 cm fins a 14 seients i 1,25 cm més per cada seient addicional. Per 30 seients o més: A ≥ 50 cm. Cada 25 files, com a màxim, cal un passadís transversal d'amplada ≥ 1,20 m	
		Localitats de seient a l'aire lliure (estadis, etc.): • Fons de files de 0,85 m de fons, 0,40 m de seient i 0,45 m de pas (art. 28 del REP/82). • Passos en graderia de 1,80 m per 300 espectadors, amb un augment de 0,60 m per cada 250 més o fracció (art. 28 del REP/82). • Màxim de 18 seients entre dos passos (art. 28 del REP/82). Cada 12 files cal un passadís transversal d'amplada ≥ 1,20 m (art. 28 del REP/82).	
		Localitats de graderia per més de 3000 espectadors dempeus: • Pendent < 50% • Màxima longitud de fila: 20 m amb doble accés; 10 m amb accés per un sol extrem. • Màxima altura de cota respecte d'una sortida de graderia: 4 m. Barreres ≥ 1100 mm d'altura en pendents > 6% (davant la primera fila complint especificacions de SU 5)	
PASSADISSOS I RAMPES		Passadissos i rampes no protegits: ▪ Capacitat: A ≥ P / 200 ▪ Amplada ≥ 1 m (0.80 m en passeres d'escena i altres de P ≤ 10 persones habituals)	Passadissos protegits: ▪ P ≤ 3 S + 200 A ▪ Amplada mínima 1,00 m (1,20 m en zones de públic) (0.80 m si P ≤ 10 persones, usuaris habituals)
		▪ Rampes per més de 10 persones: longitud ≤ 15 m i pendent ≤ 12% Excepcions per a itineraris accessibles:	

	< 3 m	< 6 m	En la resta de casos
Longitud rampa	< 3 m	< 6 m	En la resta de casos
Pendent rampa	≤ 10%	≤ 8%	≤ 6%

ESCALES	Tipologia	**No protegides**	**Protegides**	**Especialment protegides**
	Evacuació descendent	Per **h** ≤ 10 m	Per **h** ≤ 20 m	S'admet en tot cas
		A ≥ P / 160	E ≤ 3 S + 160 A_s	
		Amplada mínima segons nº de persones:	0,80 si P ≤25 persones 0,90 si P ≤50 persones 1,00 si P ≤100 persones 1,10 si P >100 persones	
	Evacuació ascendent	Per **h** ≤ 2.80 m Per P ≤ 100 fins **h** ≤ 6 m	S'admet en tot cas	
		A ≥ P / (160 – 10 **h**)	E ≤ 3 S + 160 A_s	

FITXA D'APLICACIÓ CTE. Condicions de protecció contra incendis RD 314/2006, de 17 de març, pel qual s'aprova el Codi Tècnic de l'Edificació. RD 1371/2007, de 19 d'octubre, pel qual es modifica el RD 314/2006. BOE nº 22 de 25/01/2008 Correcció d'errors i errades del RD 314/2006. ORDEN VIV/984/2009, de 15 d'abril, per la qual es modifiquen determinats documents bàsics del Codi Tècnic de l'Edificació. RD 173/2010, de 19 de febrer, pel qual es modifica el Codi Tècnic de l'Edificació, en matèria d'accessibilitat i no discriminació de les persones amb discapacitat.	**EDIFICIS D'ÚS PÚBLICA CONCURRÈNCIA** **Data 17/12/2010**

		Amplada mínima segons nº de persones:	0,80 si P ≤25 persones 0,90 si P ≤50 persones 1,00 si P ≤100 persones 1,10 si P >100 persones	
	Vestíbul d'independència	No es demana	No es demana	Des de zones de circulació. Espai lliure ≥ 0,5 m
	Tramades	▪ Altura salvada ≤ 3.20 m. ▪ ≥ 3 esglaons (excepte en zones d'ús restringit).		
	Esglaons H = petjada C = altura	540 mm ≤ 2C + H ≤ 700 mm H ≥ 280 mm; C en tramades rectes o corbes compresa entre 130 y 185 mm. Per evacuació ascendent: amb davanter i sense volada. (Tramades corbes i escales d'accés restringit a SU 1)		
	Passamans	▪ A un costat per alçada > 555 mm. ▪ Als 2 costats si amplada lliure d'escala ≥ 1.20 m. ▪ Ha de tenir passamà intermedi si amplada lliure > 4,00 m.		
ELEMENTS A L'AIRE LLIURE		PASSOS i RAMPES	Capacitat: A ≥ P / 600	-Quan aquests elements condueixin a espais interiors, es dimensionaran com elements interiors, excepte: -Quan siguin escales o passadissos protegits que només serveixin per evacuar les zones a l'aire lliure i condueixin directament a sortides d'edifici -Quan discorrin per un espai amb seguretat equivalent a la d'un sector de risc mínim
		ESCALES	Capacitat: A ≥ P / 480	
3.2. Recorreguts d'evacuació				
COMPATIBILITAT Per establiments integrats en edifici d'altre ús		▪ sortides i recorreguts (no d'emergència) fins a un espai exterior segur independents de la resta de l'edifici. ▪ Sortides d'emergència compatibles però accessibles per *vestíbul d'independència*.		
		Excepcions per establiments integrats en centres comercials ▪ de S ≤ 500m²: poden compatibilitzar amb el centre, bé la sortida habitual o la d'emergència ▪ de S > 500m²: sortides d'emergència independents de zones comuns del centre.		
Altura ascendent màxima		▪ 4m fins a sortida de planta ▪ 6m fins espai exterior segur Excepcions: ▪ Zones d'ocupació nul·la ▪ Zones ocupades únicament per personal de manteniment o control de serveis.		
Nombre de sortides i recorreguts* màxims (* Els recorreguts es poden augmentar un 25 % si el sector disposa d'extinció automàtica)		1 sortida	- Ocupació ≤ 100 persones - Recorreguts ≤ 25 m (*31,2m) o bé ≤ 50 m (*62,5m) si ocupació < 25 persones i sortida directa a espai exterior segur o espai a l'aire lliure amb risc d'incendi irrellevant (terrassa, coberta edifici...) - Altura d'evacuació descendent < 28 m - Altura d'evacuació ascendent < 10 m - No hi ha recorreguts per mes de 50 persones on l'evacuació ascendent sigui > 2 m	
		Més d'una sortida	- Recorreguts d'evacuació < 50m (* 62,5m). excepte en espais a l'aire lliure sense risc d'incendi (terrasses, cobertes...)< 75 m - Longitud sense alternativa: longitud màxima admissible en cas d'una única sortida	
		Més d'una sortida d'edifici	- Quan calgui per l'ocupació de planta o bé per tenir més d'una escala descendent o més d'una escala ascendent.	
		Locals de risc especial	- Recorreguts evacuació ≤ 25m (* 31,2m)	
Desembarcament d'escales a planta baixa		- Ocupació afegida d'escala: Persones ≤ 160A - En escales protegides: recorregut <15m fins *sortida d'edifici* (no s'aplica en zona de risc mínim)		

FITXA D'APLICACIÓ CTE. Condicions de protecció contra incendis RD 314/2006, de 17 de març, pel qual s'aprova el Codi Tècnic de l'Edificació. RD 1371/2007, de 19 d'octubre, pel qual es modifica el RD 314/2006. BOE nº 22 de 25/01/2008 Correcció d'errors i errades del RD 314/2006. ORDEN VIV/984/2009, de 15 d'abril, per la qual es modifiquen determinats documents bàsics del Codi Tècnic de l'Edificació. RD 173/2010, de 19 de febrer, pel qual es modifica el Codi Tècnic de l'Edificació, en matèria d'accessibilitat i no discriminació de les persones amb discapacitat.	**EDIFICIS D'ÚS PÚBLICA CONCURRÈNCIA** **Data 17/12/2010**

3.3. Senyalització i enllumenat d'emergència		
Senyalització	- **SORTIDA**: En recintes > 50 m^2 - **SORTIDA D'EMERGÈNCIA**: totes - **RECORREGUTS**: davant la sortida de recintes > 100 persones i en tot canvi de direcció.	
Característiques dels senyals UNE 23-034	Visibles amb fallada del subministrament d'il·luminació normal	Per fotoluminescència, segons UNE 23-035-4:20031:2003, UNE 23035-2:2003 i UNE 23035-4:2003 i el seu manteniment segons UNE 23035-3:2003
Enllumenat d'emergència	- En tots els recorreguts d'evacuació - En tots els recintes d'ocupació > 100 persones	
Enllumenat de abalisament	- En graons i rampes d'activitats que es desenvolupin amb un baix nivell d'iluminació.	
Senyalització itineraris accessibles	- La senyalització dels mitjans d'evacuació anirà acompanyada del SIA (Símbol Internacional d'Accessibilitat per a la mobilitat). - Els itineraris que condueixin a una zona de refugi o a un sector d'incendi alternatiu previst per a l'evacuació de persones amb discapacitat s'acompanyaran, a més a més, del rètol "ZONA DE REFUGI".	
3.4. Evacuació de persones amb discapacitat en cas d'incendi		
Evacuació	- En edificis amb **h>10 m,** tota planta (excepte ocupació nul·la) que no disposi de sortida d'edifici accessible, caldrà: ▪ un pas cap a un **sector d'incendi alternatiu** mitjançant sortida de planta accessible, o bé ▪ una **zona de refugi** amb: - 1 plaça per a usuari amb cadira de rodes per cada 100 ocupants. - 1 plaça per a usuari amb mobilitat reduïda per cada 33 ocupants.	
Itineraris accessibles	La comunicació entre una **zona accessible** i una **sortida d'edifici**, una **zona de refugi** o un **sector d'incendi alternatiu** s'efectuarà a través d'un itinerari accessible.	
4. RECURSOS PER A LA LLUITA CONTRA INCENDIS (DB SI 4)		
4.1. Detecció i alarma		
Detecció d'incendi [3]	Per Sc>1000 m^2	
Alarma [4]	Per ocupació > 500 persones. - El sistema ha de ser apte per emetre missatges de megafonia.	
4.2. Mitjans d'extinció		
Hidrants exteriors [5]	En general: - 1 hidrant per Sc compresa entre 5000 m^2 i 10000 m^2 . - 1 hidrant més per cada 10000 m^2 més o fracció. En cines, teatres, auditoris i discoteques per Sc > 500 m^2 En recintes esportius per Sc > 5.000 m^2	
	Sempre hidrants per **h** descendent > 28 m o **h** ascendent > 6 m.	
Extintors	**Capacitat** 21A-113B	- En cada planta: a 15 m de recorregut, - En zones de risc especial [6]
Columna seca	Per **h** > 24 m.	
Boques d'incendi equipades	- Per Sc > 500 m^2 (BIE-25) - En zones de RISC ALT per combustibles sòlids (BIE-45)	
Instal·lació automàtica d'extinció	- Per **h** > 80 m. - En cuines amb potència instal·lada ≥ 50kW - En caixa escènica - En centres de transformació de RISC ALT	
Cortina d'aigua	Protegint el teló de boca de la caixa escènica	
Control de fums d'incendi	- Per ocupació > 1000 persones - En caixa escènica - En atris d'ocupació i/o sortida per > 500 persones	
Ascensor d'emergència [7]	Per **h** > 28 m. (1 ascensor accessible per cada 1.000 ocupants o fracció)	

FITXA D'APLICACIÓ CTE. Condicions de protecció contra incendis RD 314/2006, de 17 de març, pel qual s'aprova el Codi Tècnic de l'Edificació. RD 1371/2007, de 19 d'octubre, pel qual es modifica el RD 314/2006. BOE nº 22 de 25/01/2008 Correcció d'errors i errades del RD 314/2006. ORDEN VIV/984/2009, de 15 d'abril, per la qual es modifiquen determinats documents bàsics del Codi Tècnic de l'Edificació. RD 173/2010, de 19 de febrer, pel qual es modifica el Codi Tècnic de l'Edificació, en matèria d'accessibilitat i no discriminació de les persones amb discapacitat.	**EDIFICIS D'ÚS PÚBLICA CONCURRÈNCIA** **Data 17/12/2010**

Senyalització de mitjans manuals p.c.i. UNE 23-033-1	Visibles permanentment; característiques com a 3.3

Notes:

(1) Considerant l'acció del foc a l'interior del sector excepte en els sectors de risc mínim
(2) Sector de risc mínim: a) estar destinat exclusivament a circulació i no constitueix sector sota rasant; b) Q≤40MJ/m² en el conjunt del sector i Q≤50 MJ/m² en qualsevol dels recintes continguts en el sector, considerant la càrrega de foc aportada, tan pels elements constructius com pel contingut propi de l'activitat; c) estar separat de qualsevol altra zona de l'edifici que no tingui la consideració de sector de risc mínim mitjançant elements EI 120 i la comunicació amb aquestes zones es fa a través de vestíbuls d'independència; d) tenir resolta l'evacuació, des de tots els punts, mitjançant sortides directes a espai exterior segur
(3) El sistema inclou detectors automàtics
(4) El sistema d'alarma transmetrà senyals visuals a més de les acústiques.
(5) L'hidrant en via pública ha d'estar a<100m de la façana accessible i pot estar connectat a la xarxa pública d'abastament d'aigua
(6) Un extintor a l'exterior del local o zona i pròxim a la porta d'accés (pot servir a diversos locals). Dins el local o zona s'instal·laran els que calgui per cobrir en recorregut real (inclòs el de l'exterior): a) <15m en risc mig o baix; b) <10m en risc alt
(7) Les característiques de l'ascensor d'emergència s'inclouen a l'annex SI A de terminologia.

(*) Classificació dels locals i zones de risc especial integrats en edificis (s'exclouen els equips situats a la coberta)			
	RISC BAIX	RISC MIG	RISC ALT
En particular: Taller o magatzem de decorats, vestuari, etc.	------	100<V ≤200 m^3	V>200 m^3
En general: Tallers de manteniment, Magatzems d'elements combustibles (mobiliari, teles, neteja, etc.) Arxius de documents, dipòsits de llibres, etc.	100<V ≤200 m^3	200<V ≤400 m^3	V>400 m^3
Magatzem de residus	5<S ≤15 m²	15<S ≤30 m²	S>30 m²
Aparcament de vehicles d'una viv. unif. o bé la S no superi els 100 m²	En tot cas	-------	-------
Cuines* segons potència instal·lada (1 kW/litre d'oli) Veure condicions particulars de campanes, conductes, filtres i ventiladors	20<P ≤30 kW	30<P ≤50 kW	P>50 kW
Bugaderies. Vestuaris de personal. Camerinos (excepte sup.WC)	20<S ≤100 m²	100<S ≤200 m²	S>200 m²
Sales de calderes segons potència útil nominal (P)	70<P ≤200 kW	200<P ≤600 kW	P>600 kW
Sales de màquines en instal·lacions de clima (segons RITE)	En tot cas	-------	-------
Sales de maquinària frigorífica a base d'amoníac	-------	En tot cas	-------
Sales de maquinària frigorífica a base d'halogenats	P ≤400 kW	P>400 kW	-------
Magatzem per combustible sòlid de calefacció	S ≤3 m²	S>3 m²	-------
Local de comptadors d'electricitat i de quadre generals de distribució	En tot cas	-------	-------
Centre de transformació amb aïllament dielèctric sec o de líquid amb punt d'inflamació > 300 °C	En tot cas	-------	-------
Centre de transformació amb dielèctric de punt d'inflamació ≤300 °C - per potència instal·lada P total: - per potència instal·lada en cada transformador:	P ≤2520 kVA P ≤630 kVA	2520<P ≤4000 kVA 630<P ≤1000 kVA	P>4000 kVA P>1000 kVA
Sala de màquines d'ascensor	En tot cas	-------	-------
Sala de grups electrògens	En tot cas	-------	-------

* Les cuines no tindran la consideració de local de risc especial en cas que disposin d'un sistema d'extinció automàtica, sigui quina sigui la potència instal·lada.

FITXA DB HS 1 PROTECCIÓ ENFRONT DE LA HUMITAT
Disseny de façanes

Aquesta fitxa s'ha de descarregar abans de la seva utilització ja que si s'emplena via web pot donar errors

ÀMBIT D'APLICACIÓ (art. 2 de la Part I del CTE)

Façanes	✔
Mitgeres descobertes	

DEFINICIÓ DEL GRAU D'IMPERMEABILITAT DE LES FAÇANES

Zona Pluviomètrica Taula 5	II		III	✔	IV		V		**Grau d'impermeabilitat**
Zona eòlica					Tot Catalunya és zona eòlica C			✔	
Altura de coronació de la façana sobre el terreny (m)			≤ 15	✔	16-40		41-100		3
Classe d'entorn Taula 6					E0		E1	✔	

CONDICIONS DE LES SOLUCIONS CONSTRUCTIVES

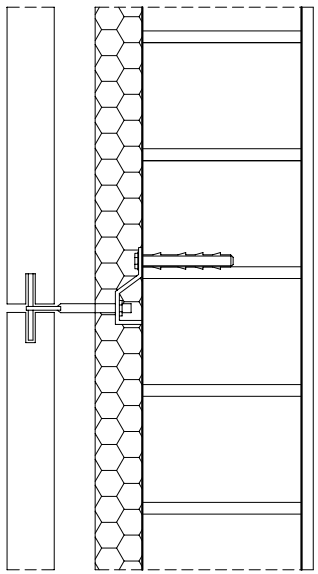
FAÇANA CARA VISTA	**Amb cambra d'aire**	Ventilada		**Grau ≤ 5**	B3+C1				
		No ventilada		**Grau ≤ 2**	B1+C1+J1+N1		C1+H1+J2+N2		
				Grau ≤ 3	B1+C1+H1+J2+N2		B2+C1+J1+N1		
				Grau ≤ 4	B2+C1+H1+J2+N2				
				Grau ≤ 5	B3+C1				
	Sense cambra d'aire			**Grau ≤ 2**	B1+C1+J1+N1		C1+H1+J2+N2		
				Grau ≤ 3	B1+C1+H1+J2+N2				
				Grau ≤ 5	B3+C1				
FAÇANA AMB REVESTIMENT CONTINU	**Amb cambra d'aire**	Ventilada		**Grau ≤ 5**	B3+C1				
		No ventilada	aïllament no hidròfil a l'exterior del full principal	**Grau ≤ 4**	R1+B2+C1				
				Grau ≤ 5	B3+C1				
			aïllament situat a la cambra d'aire	**Grau ≤ 4**	R1+B2+C1				
				Grau ≤ 5	B3+C1				
	Sense cambra d'aire		aïllament no hidròfil a l'exterior del full principal	**Grau ≤ 4**	R1+B2+C1				
				Grau ≤ 5	R3+C1				
			aïllament a l'interior del full principal	**Grau ≤ 2**	R1+C1				
				Grau ≤ 3	R1+B1+C1				
				Grau ≤ 5	R3+C1		B3+C1		
FAÇANA AMB REVESTIMENT DISCONTINU	**Amb cambra d'aire**	Ventilada	aïllament no hidròfil a l'exterior del full principal	**Grau ≤ 5**	B3+C1				
			aïllament situat a la cambra d'aire	**Grau ≤ 4**	R2+C1				
				Grau ≤ 5	R3+C1		R2+B1+C1		B3+C1
		No ventilada		**Grau ≤ 4**	R1+B2+C1				
				Grau ≤ 5	R2+B1+C1				
	Sense cambra d'aire			**Grau ≤ 5**	R3+C1	✔	R2+B1+C1		B3+C1

CONDICIONS DELS PUNTS SINGULARS

Les característiques dels punts singulars de les façanes es correspondran amb les especificacions de l'apartat 2.3.3 del DB HS 1 i es reflecteixen als plànols, amidaments o plec de condicions segons correspongui.	✔

FITXA DB HS 1 PROTECCIÓ ENFRONT DE LA HUMITAT
Disseny de façanes

Façana amb revestiment discontinu sense cambra d'aire	R3+C1	Grau d'impermeabilització ≤ 5



R3

Revestiment exterior de resistència molt alta a la filtració

- Revestiment discontinu rígid fixat mecànicament de les següents característiques:
  - Fixació al suport suficient per garantir la seva estabilitat
  - Disposició a la cara exterior del full principal d'un arrebossat de morter
  - Adaptació als moviments del suport

El revestiment ha de ser d'algun d'aquests elements:

- Escates: elements manufacturat de petites dimensions ☐
- Lames: elements que tenen una dimensió petita i una altra gran ☐
- Plaques: elements de grans dimensions ✔
- Sistemes derivats: sistemes formats per qualsevol dels elements discontinus anteriors i un aïllament tèrmic ☐

C1

Full principal: fàbrica presa amb morter. La fàbrica pot ser dels tipus següents:

- Fàbrica de mig peu de maó ceràmic ☐
  La succió del maó ha de ser ≤ 0,45 g/(cm^2 · min)
- Fàbrica de bloc ceràmic de 12 cm de gruix. ☐
- Fàbrica de bloc de formigó de 12 cm de gruix mínim ☐
  El bloc de formigó ha de ser tractat a l'autoclau o tenir una absorció ≤ 0,32 g/cm^3. En el cas de blocs de formigó vistos, el valor mig del coeficient de succió dels blocs ha de ser≤ 5 g/(cm^2 · min) per a un temps de 10 min i el valor individual del coeficient ha de ser ≤ 7 g/(cm^2 · min)
- Fàbrica de pedra natural de 12 cm de gruix mínim. ☐

Full interior envà ☐

Full interior guix laminat ☐

MA SE. JUSTIFICACIÓ DEL DB SE (SEGURETAT ESTRUCTURAL)

MA SE 1. Normas consideradas

Aceros laminados y armados: CTE DB SE-A
Categoría de uso: G1. Cubiertas accesibles únicamente para mantenimiento. No concomitante con el resto de acciones variables

MA SE 2. Estados límite

E.L.U. de rotura. Acero laminado	CTE Cota de nieve: Altitud inferior o igual a 1000 m
Desplazamientos	Acciones características

1.2.1.- Situaciones de proyecto

Para las distintas situaciones de proyecto, las combinaciones de acciones se definirán de acuerdo con los siguientes criterios:

- **Con coeficientes de combinación**

$$\sum_{j \geq 1} \gamma_{Gj} G_{kj} + \gamma_P P_k + \gamma_{Q1} \Psi_{p1} Q_{k1} + \sum_{i > 1} \gamma_{Qi} \Psi_{ai} Q_{ki}$$

- **Sin coeficientes de combinación**

$$\sum_{j \geq 1} \gamma_{Gj} G_{kj} + \gamma_P P_k + \sum_{i \geq 1} \gamma_{Qi} Q_{ki}$$

- Donde:

G_k Acción permanente
P_k Acción de pretensado
Q_k Acción variable
γ_G Coeficiente parcial de seguridad de las acciones permanentes
γ_P Coeficiente parcial de seguridad de la acción de pretensado
$\gamma_{Q,1}$ Coeficiente parcial de seguridad de la acción variable principal
$\gamma_{Q,i}$ Coeficiente parcial de seguridad de las acciones variables de acompañamiento
$\psi_{p,1}$ Coeficiente de combinación de la acción variable principal
$\psi_{a,i}$ Coeficiente de combinación de las acciones variables de acompañamiento

Para cada situación de proyecto y estado límite los coeficientes a utilizar serán:

E.L.U. de rotura. Acero laminado: CTE DB SE-A

Persistente o transitoria				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	0.800	1.350	-	-
Sobrecarga (Q)	0.000	1.500	0.000	0.000
Viento (Q)	0.000	1.500	1.000	0.600
Temperatura (T)	0.000	1.500	1.000	0.600

Persistente o transitoria (G1)				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)

Persistente o transitoria (G1)				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	0.800	1.350	-	-
Sobrecarga (Q)	0.000	1.500	1.000	0.000
Viento (Q)	0.000	1.500	0.000	0.000
Temperatura (T)	0.000	1.500	0.000	0.000

Accidental de incendio				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	1.000	1.000	-	-
Sobrecarga (Q)	0.000	1.000	0.000	0.000
Viento (Q)	0.000	1.000	0.500	0.000
Temperatura (T)	0.000	1.000	0.500	0.000

Desplazamientos

Característica				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	1.000	1.000	-	-
Sobrecarga (Q)	0.000	1.000	0.000	0.000
Viento (Q)	0.000	1.000	1.000	1.000
Temperatura (T)	0.000	1.000	1.000	1.000

Característica				
	Coeficientes parciales de seguridad (γ)		Coeficientes de combinación (ψ)	
	Favorable	Desfavorable	Principal (ψ_p)	Acompañamiento (ψ_a)
Carga permanente (G)	1.000	1.000	-	-
Sobrecarga (Q)	0.000	1.000	1.000	1.000
Viento (Q)	0.000	1.000	1.000	1.000
Temperatura (T)	0.000	1.000	1.000	1.000

1.2.2.- Combinaciones

- **Nombres de las hipótesis**

PP	Peso propio
CM 1	CM 1
Q 1	Q 1
T 1	T 1
V 1	V 1
V 2	V 2
V 3	V 3
V 4	V 4

- **E.L.U. de rotura. Acero laminado**

1. Coeficientes para situaciones persistentes o transitorias

Comb.	PP	CM 1	Q 1	T 1	V 1	V 2	V 3	V 4
1	0.800	0.800						
2	1.350	0.800						
3	0.800	1.350						
4	1.350	1.350						
5	0.800	0.800			1.500			
6	1.350	0.800			1.500			
7	0.800	1.350			1.500			
8	1.350	1.350			1.500			
9	0.800	0.800				1.500		
10	1.350	0.800				1.500		
11	0.800	1.350				1.500		
12	1.350	1.350				1.500		
13	0.800	0.800					1.500	
14	1.350	0.800					1.500	
15	0.800	1.350					1.500	
16	1.350	1.350					1.500	
17	0.800	0.800						1.500
18	1.350	0.800						1.500
19	0.800	1.350						1.500
20	1.350	1.350						1.500
21	0.800	0.800		1.500				
22	1.350	0.800		1.500				
23	0.800	1.350		1.500				
24	1.350	1.350		1.500				
25	0.800	0.800		1.500	0.900			
26	1.350	0.800		1.500	0.900			
27	0.800	1.350		1.500	0.900			
28	1.350	1.350		1.500	0.900			
29	0.800	0.800		1.500		0.900		
30	1.350	0.800		1.500		0.900		
31	0.800	1.350		1.500		0.900		
32	1.350	1.350		1.500		0.900		
33	0.800	0.800		1.500			0.900	
34	1.350	0.800		1.500			0.900	
35	0.800	1.350		1.500			0.900	
36	1.350	1.350		1.500			0.900	
37	0.800	0.800		1.500				0.900
38	1.350	0.800		1.500				0.900
39	0.800	1.350		1.500				0.900
40	1.350	1.350		1.500				0.900
41	0.800	0.800		0.900	1.500			
42	1.350	0.800		0.900	1.500			
43	0.800	1.350		0.900	1.500			
44	1.350	1.350		0.900	1.500			
45	0.800	0.800		0.900		1.500		
46	1.350	0.800		0.900		1.500		
47	0.800	1.350		0.900		1.500		

Comb.	PP	CM 1	Q 1	T 1	V 1	V 2	V 3	V 4
48	1.350	1.350		0.900		1.500		
49	0.800	0.800		0.900			1.500	
50	1.350	0.800		0.900			1.500	
51	0.800	1.350		0.900			1.500	
52	1.350	1.350		0.900			1.500	
53	0.800	0.800		0.900				1.500
54	1.350	0.800		0.900				1.500
55	0.800	1.350		0.900				1.500
56	1.350	1.350		0.900				1.500
57	0.800	0.800	1.500					
58	1.350	0.800	1.500					
59	0.800	1.350	1.500					
60	1.350	1.350	1.500					

2. Coeficientes para situaciones accidentales de incendio

Comb.	PP	CM 1	Q 1	T 1	V 1	V 2	V 3	V 4
1	1.000	1.000						
2	1.000	1.000			0.500			
3	1.000	1.000				0.500		
4	1.000	1.000					0.500	
5	1.000	1.000						0.500
6	1.000	1.000		0.500				

- **Desplazamientos**

Comb.	PP	CM 1	Q 1	T 1	V 1	V 2	V 3	V 4
1	1.000	1.000						
2	1.000	1.000			1.000			
3	1.000	1.000				1.000		
4	1.000	1.000					1.000	
5	1.000	1.000						1.000
6	1.000	1.000		1.000				
7	1.000	1.000		1.000	1.000			
8	1.000	1.000		1.000		1.000		
9	1.000	1.000		1.000			1.000	
10	1.000	1.000		1.000				1.000
11	1.000	1.000	1.000					
12	1.000	1.000	1.000		1.000			
13	1.000	1.000	1.000			1.000		
14	1.000	1.000	1.000				1.000	
15	1.000	1.000	1.000					1.000
16	1.000	1.000	1.000	1.000				
17	1.000	1.000	1.000	1.000	1.000			
18	1.000	1.000	1.000	1.000		1.000		
19	1.000	1.000	1.000	1.000			1.000	
20	1.000	1.000	1.000	1.000				1.000

MA SE 3. Resistencia al fuego

Perfiles de acero

Norma: CTE DB SI. Anejo D: Resistencia al fuego de los elementos de acero.
Resistencia requerida: R 60
Revestimiento de protección: Pintura intumescente
Densidad: 0.0 kg/m³
Conductividad: 0.01 W/(m·K)
Calor específico: 0.00 J/(kg·K)
El espesor mínimo necesario de revestimiento para cada barra se indica en la tabla de comprobación de resistencia.

MA SE 4. Cálculo estructural

Materiales utilizados

Materiales utilizados							
Material		E (MPa)	ν	G (MPa)	f_y (MPa)	α_t (m/m°C)	γ (kN/m³)
Tipo	Designación						
Acero laminado	S275	210000.00	0.300	81000.00	275.00	0.000012	77.01

Notación:
E: Módulo de elasticidad
ν: Módulo de Poisson
G: Módulo de cortadura
f_y: Límite elástico
α_t: Coeficiente de dilatación
γ: Peso específico

Características mecánicas

Características mecánicas									
Material		Ref.	Descripción	A (cm²)	Avy (cm²)	Avz (cm²)	Iyy (cm4)	Izz (cm4)	It (cm4)
Tipo	Designación								
		5	#120x6, (Huecos cuadrados)	26.09	11.40	11.40	548.47	548.47	915.09
		7	HE 200 B, (HEB)	78.10	45.00	13.77	5696.00	2003.00	59.28

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N1/N7	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 2.9	x: 0 m η = 7.7	x: 6.109 m η = 37.9	x: 0 m η = 15.7	η = 6.7	η = 0.6	η < 0.1	η < 0.1	x: 6.109 m η = 50.3	η < 0.1	η = 0.1	η = 4.4	η = 0.5	**CUMPLE η = 50.3**
N7/N2	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 26.1	x: 0.091 m η = 2.2	η = 8.3	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 27.7	η < 0.1	η = 2.1	η = 5.2	η < 0.1	**CUMPLE η = 27.7**
N2/N25	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.3	η = 3.6	x: 1.306 m η = 4.0	x: 1.306 m η = 1.3	x: 1.306 m η = 1.0	η = 0.3	η < 0.1	η < 0.1	x: 1.306 m η = 9.1	η < 0.1	η = 6.0	x: 1.306 m η = 0.7	η = 0.1	**CUMPLE η = 9.1**
N25/N23	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 0.4	x: 0.049 m η = 5.2	x: 1.306 m η = 2.4	x: 0.049 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 0.049 m η = 5.5	η < 0.1	η = 5.9	x: 0.049 m η = 0.7	η = 0.2	**CUMPLE η = 5.9**
N23/N21	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.0	η = 6.4	x: 1.306 m η = 2.3	x: 1.306 m η = 3.0	x: 0.049 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 1.306 m η = 10.7	η < 0.1	η = 5.8	x: 0.049 m η = 0.3	η = 0.2	**CUMPLE η = 10.7**
N21/N19	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 9.2	η = 11.8	x: 1.305 m η = 3.2	x: 1.305 m η = 3.1	x: 0.049 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 17.5	η < 0.1	η = 5.0	x: 0.049 m η = 0.4	η = 0.1	**CUMPLE η = 17.5**
N19/N9	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 13.5	η = 17.3	x: 1.305 m η = 3.2	x: 0.05 m η = 2.2	x: 0.05 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 22.2	η < 0.1	η = 4.6	x: 0.05 m η = 0.3	η < 0.1	**CUMPLE η = 22.2**
N9/N11	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 16.8	η = 21.5	x: 1.304 m η = 3.5	x: 0.05 m η = 1.0	x: 0.05 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 25.3	η < 0.1	η = 3.7	x: 0.05 m η = 0.3	η = 0.1	**CUMPLE η = 25.3**
N11/N13	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 20.1	η = 25.7	x: 1.304 m η = 3.4	x: 1.304 m η = 0.6	x: 0.051 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 29.5	η < 0.1	η = 2.2	x: 0.051 m η = 0.2	η = 0.1	**CUMPLE η = 29.5**
N13/N15	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 22.9	η = 29.2	x: 1.304 m η = 4.4	x: 1.304 m η = 1.6	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 35.0	η < 0.1	η = 1.4	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 35.0**
N15/N17	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 25.7	η = 32.6	x: 1.301 m η = 3.6	x: 0.051 m η = 1.3	x: 0.051 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.26 m η = 37.0	η < 0.1	η = 1.5	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 37.0**
N17/N6	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 27.3	η = 34.6	x: 1.303 m η = 6.9	x: 1.303 m η = 1.4	x: 0.052 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 42.8	η < 0.1	η = 1.0	x: 0.052 m η = 0.4	η = 0.1	**CUMPLE η = 42.8**
N6/N29	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 27.6	η = 35.1	x: 0.052 m η = 6.8	x: 0.052 m η = 1.3	x: 1.303 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 43.1	η < 0.1	η = 1.1	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 43.1**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N29/N27	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.3	η = 33.4	x: 0.469 m η = 3.6	x: 1.304 m η = 1.3	x: 1.304 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.302 m η = 38.1	η < 0.1	η = 1.6	x: 1.304 m η = 0.1	η = 0.1	**CUMPLE η = 38.1**
N27/N31	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 23.7	η = 30.5	x: 0.051 m η = 4.4	x: 0.051 m η = 1.6	x: 1.304 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 36.3	η < 0.1	η = 1.5	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 36.3**
N31/N33	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 21.1	η = 27.4	x: 0.051 m η = 3.4	x: 0.051 m η = 0.6	x: 1.304 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 31.3	η < 0.1	η = 2.4	x: 1.304 m η = 0.2	η = 0.1	**CUMPLE η = 31.3**
N33/N35	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 18.0	η = 23.6	x: 0.051 m η = 3.6	x: 1.305 m η = 1.0	x: 1.305 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 27.5	η < 0.1	η = 3.8	x: 1.305 m η = 0.3	η = 0.1	**CUMPLE η = 27.5**
N35/N41	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.9	η = 19.7	x: 0.05 m η = 3.3	x: 1.303 m η = 2.3	x: 1.305 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 25.0	η < 0.1	η = 4.8	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 25.0**
N41/N39	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 10.7	η = 14.6	x: 0.05 m η = 3.4	x: 0.05 m η = 3.2	x: 1.306 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 20.8	η < 0.1	η = 5.3	x: 1.306 m η = 0.4	η = 0.1	**CUMPLE η = 20.8**
N39/N37	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.7	η = 9.5	x: 0.049 m η = 2.4	x: 0.049 m η = 3.0	x: 1.306 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.049 m η = 14.6	η < 0.1	η = 6.2	x: 1.306 m η = 0.3	η = 0.2	**CUMPLE η = 14.6**
N37/N44	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.0	η = 3.7	x: 1.306 m η = 3.2	x: 0.049 m η = 2.4	x: 1.306 m η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 0.049 m η = 8.4	η < 0.1	η = 6.4	x: 1.306 m η = 0.6	η = 0.2	**CUMPLE η = 8.4**
N44/N3	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 2.4	x: 1.225 m η = 3.8	x: 0.049 m η = 1.3	x: 1.225 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.049 m η = 6.0	η < 0.1	η = 6.5	x: 0.049 m η = 0.1	η = 0.1	**CUMPLE η = 6.5**
N4/N423	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 2.7	x: 0 m η = 3.7	x: 0 m η = 12.8	x: 0 m η = 60.7	η = 6.5	η = 26.7	η < 0.1	η < 0.1	x: 0 m η = 72.7	η < 0.1	η = 0.3	η = 2.7	η = 0.5	**CUMPLE η = 72.7**
N423/N415	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 2.8	x: 0 m η = 3.9	x: 2.55 m η = 22.0	x: 2.55 m η = 33.1	η = 5.9	η = 2.4	η < 0.1	η < 0.1	x: 2.55 m η = 46.0	η < 0.1	η = 0.3	η = 2.7	η = 0.5	**CUMPLE η = 46.0**
N415/N8	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 2.8	x: 0 m η = 3.5	x: 0.109 m η = 22.9	x: 0 m η = 33.1	η = 5.2	η = 16.8	η < 0.1	η < 0.1	x: 0 m η = 46.0	η < 0.1	η = 0.3	η = 2.7	η = 1.7	**CUMPLE η = 46.0**
N8/N3	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.1	x: 0.091 m η = 14.9	x: 0.091 m η = 2.4	η = 4.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 17.4	η < 0.1	η = 2.3	η = 2.6	η < 0.1	**CUMPLE η = 17.4**
N5/N6	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 9.4	x: 0.091 m η = 8.7	x: 1.51 m η = 0.3	x: 1.51 m η = 4.6	η < 0.1	η = 0.6	η < 0.1	η < 0.1	x: 1.51 m η = 14.0	η < 0.1	η = 0.1	η < 0.1	η = 0.5	**CUMPLE η = 14.0**
N7/N26	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.4	x: 0.131 m η = 1.2	x: 0.131 m η = 42.8	x: 0.131 m η = 1.8	x: 0.131 m η = 7.2	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 45.3	η < 0.1	η = 10.4	x: 0.131 m η = 4.9	η = 0.3	**CUMPLE η = 45.3**
N26/N24	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 5.3	x: 0.05 m η = 5.8	x: 0.05 m η = 7.2	x: 1.305 m η = 1.5	x: 1.305 m η = 0.9	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 13.5	η < 0.1	η = 10.2	x: 1.305 m η = 0.6	η = 0.3	**CUMPLE η = 13.5**
N24/N22	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 10.6	x: 0.051 m η = 10.0	x: 1.305 m η = 2.0	x: 0.051 m η = 0.7	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 12.9	η < 0.1	η = 6.0	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 12.9**
N22/N20	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 16.1	x: 0.051 m η = 14.4	x: 1.305 m η = 3.4	x: 0.051 m η = 0.9	x: 0.051 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 19.6	η < 0.1	η = 7.4	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 19.6**
N20/N10	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 27.2	x: 0.051 m η = 26.1	x: 0.886 m η = 2.4	x: 0.051 m η = 1.7	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 31.0	η < 0.1	η = 0.5	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 31.0**
N10/N12	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 31.4	x: 0.052 m η = 29.4	x: 1.304 m η = 4.1	x: 1.304 m η = 2.3	x: 0.052 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 37.7	η < 0.1	η = 1.0	x: 0.052 m η = 0.4	η = 0.3	**CUMPLE η = 37.7**
N12/N14	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 34.9	x: 0.052 m η = 32.2	x: 1.301 m η = 2.8	x: 0.052 m η = 1.0	x: 0.052 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 38.2	η < 0.1	η = 2.9	x: 0.052 m η = 0.1	η = 0.1	**CUMPLE η = 38.2**
N14/N16	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 38.3	x: 0.053 m η = 34.9	x: 1.303 m η = 5.2	x: 1.303 m η = 1.4	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 44.8	η < 0.1	η = 3.7	x: 0.053 m η = 0.4	η = 0.1	**CUMPLE η = 44.8**
N16/N18	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 44.5	x: 0.053 m η = 41.4	x: 0.053 m η = 4.1	x: 0.053 m η = 1.8	x: 0.053 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 50.4	η < 0.1	η = 1.5	x: 1.302 m η = 0.2	η = 0.3	**CUMPLE η = 50.4**
N18/N5	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 46.0	x: 0.054 m η = 42.7	x: 1.315 m η = 8.2	x: 1.315 m η = 3.5	x: 0.054 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 57.7	η < 0.1	η = 1.4	x: 0.054 m η = 0.6	η = 0.3	**CUMPLE η = 57.7**
N8/N43	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 4.8	x: 0.131 m η = 5.3	x: 0.131 m η = 27.3	x: 0.131 m η = 3.0	x: 1.306 m η = 4.6	η = 0.6	η < 0.1	η < 0.1	x: 0.131 m η = 34.7	η < 0.1	η = 11.4	x: 0.131 m η = 3.5	η = 0.3	**CUMPLE η = 34.7**
N43/N38	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 10.7	x: 0.05 m η = 10.1	x: 0.05 m η = 4.4	x: 1.305 m η = 3.0	x: 0.05 m η = 0.4	η = 0.7	η < 0.1	η < 0.1	x: 0.05 m η = 15.2	η < 0.1	η = 11.1	x: 1.305 m η = 0.3	η = 0.3	**CUMPLE η = 15.2**
N38/N40	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 15.8	x: 0.051 m η = 14.1	x: 1.305 m η = 2.0	x: 0.051 m η = 1.2	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 18.2	η < 0.1	η = 6.0	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 18.2**
N40/N42	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 20.9	x: 0.051 m η = 18.4	x: 1.305 m η = 3.7	x: 0.051 m η = 1.0	x: 0.051 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 24.7	η < 0.1	η = 7.5	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 24.7**
N42/N36	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 30.5	x: 0.051 m η = 29.1	x: 0.677 m η = 2.6	x: 0.051 m η = 1.7	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 34.6	η < 0.1	η = 0.6	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 34.6**
N36/N34	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 34.4	x: 0.052 m η = 32.3	x: 1.304 m η = 4.2	x: 1.304 m η = 2.3	x: 0.052 m η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 40.9	η < 0.1	η = 1.0	x: 0.052 m η = 0.4	η = 0.3	**CUMPLE η = 40.9**
N34/N32	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 37.5	x: 0.052 m η = 34.9	x: 1.094 m η = 2.9	x: 0.052 m η = 1.2	x: 0.052 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 41.1	η < 0.1	η = 3.0	x: 0.052 m η = 0.1	η = 0.1	**CUMPLE η = 41.1**
N32/N28	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 40.5	x: 0.053 m η = 37.5	x: 1.303 m η = 5.2	x: 1.303 m η = 1.6	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 47.1	η < 0.1	η = 3.8	x: 0.053 m η = 0.4	η = 0.1	**CUMPLE η = 47.1**
N28/N30	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 44.9	x: 0.053 m η = 41.7	x: 0.053 m η = 4.4	x: 0.053 m η = 1.9	x: 1.302 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 51.1	η < 0.1	η = 1.4	x: 1.302 m η = 0.2	η = 0.3	**CUMPLE η = 51.1**
N30/N5	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 46.0	x: 0.054 m η = 42.7	x: 1.315 m η = 8.1	x: 1.315 m η = 3.6	x: 0.054 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 57.6	η < 0.1	η = 1.3	x: 0.054 m η = 0.6	η = 0.3	**CUMPLE η = 57.6**
N16/N15	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 12.0	x: 0.091 m η = 10.4	x: 1.59 m η = 4.7	x: 0.091 m η = 7.7	η = 0.7	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 23.6	η < 0.1	η = 1.1	η = 0.4	η = 0.3	**CUMPLE η = 23.6**
N18/N17	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 6.3	x: 0.091 m η = 5.1	x: 1.55 m η = 4.1	x: 1.55 m η = 2.6	η = 0.6	η = 0.1	x: 0.091 m η < 0.1	η < 0.1	x: 1.55 m η = 12.7	η < 0.1	η = 0.7	η = 0.4	η = 0.1	**CUMPLE η = 12.7**
N14/N13	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 12.3	x: 0.091 m η = 10.1	x: 1.63 m η = 5.8	x: 0.091 m η = 2.3	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 20.0	η < 0.1	η = 1.0	η = 0.5	η < 0.1	**CUMPLE η = 20.0**
N12/N11	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 15.4	x: 0.091 m η = 12.7	x: 1.67 m η = 6.4	x: 1.67 m η = 4.2	η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 1.67 m η = 25.3	η < 0.1	η = 1.3	η = 0.6	η = 0.2	**CUMPLE η = 25.3**
N10/N9	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 15.9	x: 0.091 m η = 12.6	x: 1.71 m η = 7.0	x: 1.71 m η = 4.0	η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 26.0	η < 0.1	η = 2.1	η = 0.6	η = 0.1	**CUMPLE η = 26.0**
N26/N25	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 16.3	x: 0.091 m η = 12.7	x: 0.091 m η = 12.3	x: 0.091 m η = 2.1	η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.7	η < 0.1	η = 4.8	η = 0.9	η < 0.1	**CUMPLE η = 29.7**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N24/N23	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 25.7	x: 0.091 m η = 20.8	x: 1.83 m η = 8.9	x: 0.091 m η = 6.5	η = 1.0	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 37.2	η < 0.1	η = 4.4	η = 0.7	η = 0.1	**CUMPLE η = 37.2**
N22/N21	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 21.0	x: 0.091 m η = 16.8	x: 1.79 m η = 8.8	x: 0.091 m η = 4.7	η = 1.1	η = 0.1	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 33.2	η < 0.1	η = 3.7	η = 0.7	η < 0.1	**CUMPLE η = 33.2**
N20/N19	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 21.1	x: 0.091 m η = 17.4	x: 1.75 m η = 8.0	x: 0.091 m η = 9.5	η = 1.0	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 36.8	η < 0.1	η = 3.0	η = 0.7	η = 0.3	**CUMPLE η = 36.8**
N28/N27	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 10.6	x: 0.091 m η = 9.8	x: 1.59 m η = 4.2	x: 0.091 m η = 7.7	η = 0.6	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 21.7	η < 0.1	η = 1.1	η = 0.4	η = 0.3	**CUMPLE η = 21.7**
N30/N29	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 4.9	x: 0.091 m η = 4.5	x: 0.091 m η = 3.6	x: 1.55 m η = 2.7	η = 0.5	η = 0.1	x: 0.091 m η < 0.1	η < 0.1	x: 1.55 m η = 10.9	η < 0.1	η = 0.8	η = 0.3	η = 0.1	**CUMPLE η = 10.9**
N32/N31	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 11.0	x: 0.091 m η = 9.5	x: 1.63 m η = 5.3	x: 0.091 m η = 2.3	η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 18.3	η < 0.1	η = 1.1	η = 0.5	η < 0.1	**CUMPLE η = 18.3**
N34/N33	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 14.1	x: 0.091 m η = 12.1	x: 1.67 m η = 5.9	x: 1.67 m η = 4.3	η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 1.67 m η = 23.8	η < 0.1	η = 1.4	η = 0.5	η = 0.2	**CUMPLE η = 23.8**
N36/N35	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 14.6	x: 0.091 m η = 12.0	x: 1.71 m η = 6.6	x: 1.71 m η = 4.2	η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 24.7	η < 0.1	η = 2.2	η = 0.6	η = 0.1	**CUMPLE η = 24.7**
N38/N37	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 23.8	x: 0.091 m η = 20.0	x: 1.83 m η = 8.7	x: 0.091 m η = 7.0	η = 1.0	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 37.3	η < 0.1	η = 4.7	η = 0.7	η = 0.2	**CUMPLE η = 37.3**
N40/N39	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 19.9	x: 0.091 m η = 16.2	x: 1.79 m η = 8.4	x: 0.091 m η = 4.9	η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 32.2	η < 0.1	η = 3.8	η = 0.7	η < 0.1	**CUMPLE η = 32.2**
N42/N41	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 19.8	x: 0.091 m η = 16.8	x: 1.75 m η = 7.6	x: 0.091 m η = 9.9	η = 1.0	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 35.8	η < 0.1	η = 3.0	η = 0.6	η = 0.3	**CUMPLE η = 35.8**
N43/N44	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 18.9	x: 0.091 m η = 14.2	x: 0.091 m η = 10.7	x: 0.091 m η = 2.3	η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 30.9	η < 0.1	η = 5.3	η = 0.8	η < 0.1	**CUMPLE η = 30.9**
N18/N6	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 5.4	x: 0.12 m η = 6.5	x: 0.12 m η = 1.9	x: 0.12 m η = 0.6	x: 2.01 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 9.0	η < 0.1	η = 1.1	x: 2.01 m η = 0.1	η < 0.1	**CUMPLE η = 9.0**
N16/N17	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 7.1	x: 0.119 m η = 9.1	x: 0.119 m η = 2.9	x: 0.119 m η = 3.9	x: 2.042 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.119 m η = 15.7	η < 0.1	η = 1.4	x: 2.042 m η = 0.2	η = 0.2	**CUMPLE η = 15.7**
N14/N15	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 12.8	x: 0.118 m η = 15.2	x: 0.118 m η = 3.3	x: 2.075 m η = 0.7	x: 2.075 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 18.7	η < 0.1	η = 0.8	x: 2.075 m η = 0.3	η < 0.1	**CUMPLE η = 18.7**
N12/N13	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 12.9	x: 0.117 m η = 16.1	x: 0.117 m η = 3.8	x: 0.117 m η = 2.2	x: 2.107 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 22.0	η < 0.1	η = 0.8	x: 2.107 m η = 0.3	η = 0.1	**CUMPLE η = 22.0**
N10/N11	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 15.7	x: 0.116 m η = 19.5	x: 0.116 m η = 3.9	x: 0.116 m η = 0.8	x: 2.14 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 24.2	η < 0.1	η = 1.5	x: 2.14 m η = 0.3	η < 0.1	**CUMPLE η = 24.2**
N20/N9	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 15.6	x: 0.115 m η = 20.1	x: 0.115 m η = 4.7	x: 0.115 m η = 3.6	x: 2.173 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.115 m η = 27.8	η < 0.1	η = 2.3	x: 2.173 m η = 0.4	η = 0.2	**CUMPLE η = 27.8**
N22/N19	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 21.2	x: 0.114 m η = 26.2	x: 0.114 m η = 5.1	x: 0.114 m η = 1.2	x: 2.206 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 32.5	η < 0.1	η = 2.2	x: 2.206 m η = 0.4	η < 0.1	**CUMPLE η = 32.5**
N24/N21	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 20.6	x: 0.113 m η = 26.2	x: 2.239 m η = 5.2	x: 0.113 m η = 1.8	x: 2.239 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 32.8	η < 0.1	η = 2.6	x: 2.239 m η = 0.4	η < 0.1	**CUMPLE η = 32.8**
N26/N23	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 24.5	x: 0.112 m η = 30.8	x: 0.112 m η = 8.9	x: 0.112 m η = 5.0	x: 2.273 m η = 0.9	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 43.4	η < 0.1	η = 2.2	x: 2.273 m η = 0.6	η = 0.1	**CUMPLE η = 43.4**
N7/N25	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 17.1	x: 0.232 m η = 22.4	x: 0.232 m η = 9.9	x: 0.232 m η = 8.0	x: 0.232 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 0.232 m η = 37.7	η < 0.1	η = 1.7	x: 0.232 m η = 0.5	η = 0.1	**CUMPLE η = 37.7**
N30/N6	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 4.5	x: 0.12 m η = 4.6	x: 0.12 m η = 1.8	x: 0.12 m η = 0.7	x: 2.01 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 6.9	η < 0.1	η = 1.1	x: 2.01 m η = 0.1	η < 0.1	**CUMPLE η = 6.9**
N28/N29	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 6.4	x: 0.119 m η = 7.3	x: 0.119 m η = 2.7	x: 0.119 m η = 3.8	x: 2.042 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.119 m η = 13.6	η < 0.1	η = 1.4	x: 2.042 m η = 0.2	η = 0.2	**CUMPLE η = 13.6**
N32/N27	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 12.0	x: 0.118 m η = 13.5	x: 0.118 m η = 3.0	x: 2.075 m η = 0.6	x: 2.075 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 16.7	η < 0.1	η = 0.8	x: 2.075 m η = 0.3	η < 0.1	**CUMPLE η = 16.7**
N34/N31	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 12.1	x: 0.117 m η = 14.4	x: 0.117 m η = 3.5	x: 0.117 m η = 2.3	x: 2.107 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 20.1	η < 0.1	η = 0.9	x: 2.107 m η = 0.3	η = 0.1	**CUMPLE η = 20.1**
N36/N33	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 14.9	x: 0.116 m η = 17.9	x: 0.116 m η = 3.6	x: 0.116 m η = 0.8	x: 2.14 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 22.2	η < 0.1	η = 1.6	x: 2.14 m η = 0.3	η < 0.1	**CUMPLE η = 22.2**
N42/N35	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 14.8	x: 0.115 m η = 18.6	x: 0.115 m η = 4.5	x: 0.115 m η = 3.7	x: 2.173 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.115 m η = 26.2	η < 0.1	η = 2.5	x: 2.173 m η = 0.4	η = 0.2	**CUMPLE η = 26.2**
N40/N41	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 20.5	x: 0.114 m η = 24.6	x: 0.114 m η = 4.8	x: 0.114 m η = 1.2	x: 2.206 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 30.5	η < 0.1	η = 2.3	x: 2.206 m η = 0.4	η < 0.1	**CUMPLE η = 30.5**
N38/N39	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 19.9	x: 0.113 m η = 24.9	x: 2.239 m η = 5.0	x: 2.239 m η = 1.8	x: 2.239 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 31.3	η < 0.1	η = 2.9	x: 2.239 m η = 0.4	η < 0.1	**CUMPLE η = 31.3**
N43/N37	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 23.6	x: 0.112 m η = 28.8	x: 0.112 m η = 7.2	x: 0.112 m η = 5.7	x: 2.273 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 40.5	η < 0.1	η = 2.6	x: 2.273 m η = 0.6	η = 0.1	**CUMPLE η = 40.5**
N8/N44	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 17.8	x: 0.232 m η = 23.7	x: 0.232 m η = 5.2	x: 0.232 m η = 8.7	x: 2.307 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.232 m η = 33.6	η < 0.1	η = 1.9	x: 0.232 m η = 0.3	η = 0.2	**CUMPLE η = 33.6**
N45/N46	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.9	x: 0 m η = 15.1	x: 6.109 m η = 52.5	x: 0 m η = 11.8	η = 8.9	η = 0.4	η < 0.1	η < 0.1	x: 6.109 m η = 65.6	η < 0.1	η < 0.1	η = 7.0	η = 0.3	**CUMPLE η = 65.6**
N46/N47	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 35.8	x: 0.091 m η = 0.3	η = 11.1	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 36.1	η < 0.1	η = 0.4	η = 6.8	η < 0.1	**CUMPLE η = 36.1**
N47/N48	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.7	η = 5.4	x: 1.306 m η = 6.2	x: 1.306 m η = 0.4	x: 1.306 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 12.3	η < 0.1	η = 0.9	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 12.3**
N48/N49	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 4.3	x: 0.049 m η = 9.1	x: 1.306 m η = 1.2	x: 0.049 m η = 2.1	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 13.9	η < 0.1	η = 1.0	x: 0.049 m η = 1.3	η < 0.1	**CUMPLE η = 13.9**
N49/N50	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.1	η = 17.5	x: 1.306 m η = 4.9	x: 0.049 m η = 1.1	x: 0.049 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 23.0	η < 0.1	η = 0.7	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 23.0**
N50/N51	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 27.0	η = 27.9	x: 1.305 m η = 6.0	x: 1.305 m η = 1.0	x: 0.049 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 34.5	η < 0.1	η = 0.7	x: 0.049 m η = 0.5	η = 0.1	**CUMPLE η = 34.5**
N51/N52	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 37.2	η = 38.4	x: 1.305 m η = 5.5	x: 0.05 m η = 0.9	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 44.3	η < 0.1	η = 1.1	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 44.3**
N52/N53	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 45.5	η = 47.1	x: 1.304 m η = 7.4	x: 1.304 m η = 0.8	x: 0.05 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 55.3	η < 0.1	η = 1.1	x: 0.05 m η = 0.5	η = 0.1	**CUMPLE η = 55.3**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N53/N54	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 53.7	η = 55.6	x: 1.304 m η = 6.0	x: 0.051 m η = 0.9	x: 0.051 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 61.8	η < 0.1	η = 0.4	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 61.8**
N54/N55	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 59.3	η = 61.5	x: 1.304 m η = 7.1	x: 1.304 m η = 0.9	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 69.3	η < 0.1	η = 0.2	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 69.3**
N55/N56	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 64.7	η = 67.0	x: 1.094 m η = 5.7	x: 0.051 m η = 0.9	x: 0.051 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.677 m η = 73.3	η < 0.1	η = 0.6	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 73.3**
N56/N57	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 68.0	η = 70.5	x: 1.303 m η = 10.2	x: 1.303 m η = 0.8	x: 0.052 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 81.3	η < 0.1	η = 0.5	x: 0.052 m η = 0.5	η = 0.1	**CUMPLE η = 81.3**
N57/N58	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 68.3	η = 70.7	x: 0.052 m η = 10.1	x: 0.052 m η = 0.8	x: 1.303 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 81.4	η < 0.1	η = 0.5	x: 1.303 m η = 0.5	η = 0.1	**CUMPLE η = 81.4**
N58/N59	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.2	η = 67.3	x: 0.261 m η = 5.7	x: 1.304 m η = 0.9	x: 1.304 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.678 m η = 73.6	η < 0.1	η = 0.6	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 73.6**
N59/N60	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 60.1	η = 61.9	x: 0.051 m η = 7.1	x: 0.051 m η = 0.9	x: 1.304 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 69.8	η < 0.1	η = 0.2	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 69.8**
N60/N61	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 54.8	η = 56.2	x: 0.051 m η = 6.0	x: 1.304 m η = 1.0	x: 1.304 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 62.5	η < 0.1	η = 0.4	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 62.5**
N61/N62	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 46.7	η = 47.8	x: 0.051 m η = 7.5	x: 0.051 m η = 0.9	x: 1.305 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 56.0	η < 0.1	η = 1.0	x: 1.305 m η = 0.5	η = 0.1	**CUMPLE η = 56.0**
N62/N63	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 38.6	η = 39.3	x: 0.05 m η = 5.5	x: 1.305 m η = 0.9	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 45.1	η < 0.1	η = 1.0	x: 1.305 m η = 0.4	η < 0.1	**CUMPLE η = 45.1**
N63/N64	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 28.6	η = 28.9	x: 0.05 m η = 6.0	x: 0.05 m η = 1.0	x: 1.306 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 35.6	η < 0.1	η = 0.5	x: 1.306 m η = 0.5	η = 0.1	**CUMPLE η = 35.6**
N64/N65	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 18.7	η = 18.6	x: 0.049 m η = 4.9	x: 1.306 m η = 1.0	x: 1.306 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 23.9	η < 0.1	η = 0.5	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 23.9**
N65/N66	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.3	η = 5.6	x: 1.306 m η = 8.6	x: 0.049 m η = 1.0	x: 1.306 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 14.5	η < 0.1	η = 0.8	x: 1.306 m η = 1.2	η < 0.1	**CUMPLE η = 14.5**
N66/N67	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.8	η = 4.3	x: 0.049 m η = 5.5	x: 0.049 m η = 0.5	x: 0.049 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 10.7	η < 0.1	η = 0.6	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 10.7**
N69/N424	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.6	x: 0 m η = 7.7	x: 0 m η = 11.5	x: 0 m η = 16.5	η = 13.1	η = 1.9	η < 0.1	η < 0.1	x: 0 m η = 30.1	η < 0.1	η = 0.2	η = 6.8	η = 0.3	**CUMPLE η = 30.1**
N424/N416	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.7	x: 0 m η = 8.0	x: 2.55 m η = 42.2	x: 0 m η = 13.9	η = 11.8	η = 0.9	η < 0.1	η < 0.1	x: 2.55 m η = 54.9	η < 0.1	η = 0.2	η = 6.8	η = 0.3	**CUMPLE η = 54.9**
N416/N68	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.8	x: 0 m η = 7.3	x: 0.109 m η = 44.7	x: 0 m η = 8.0	η = 13.8	η = 1.8	η < 0.1	η < 0.1	x: 0.109 m η = 56.0	η < 0.1	η = 0.2	η = 6.8	η = 0.1	**CUMPLE η = 56.0**
N68/N67	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.1	x: 0.091 m η = 30.4	x: 0.091 m η = 0.2	η = 9.3	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 30.6	η < 0.1	η = 0.3	η = 5.3	η < 0.1	**CUMPLE η = 30.6**
N70/N57	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 19.2	x: 0.091 m η = 19.1	x: 1.51 m η = 0.2	x: 0.091 m η = 5.1	η < 0.1	η = 0.6	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 24.3	η < 0.1	η = 0.2	η < 0.1	η = 0.3	**CUMPLE η = 24.3**
N46/N71	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.7	x: 0.131 m η = 0.7	x: 0.131 m η = 70.5	x: 0.131 m η = 2.0	x: 0.131 m η = 11.9	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 73.2	η < 0.1	η = 2.2	x: 0.131 m η = 7.4	η = 0.2	**CUMPLE η = 73.2**
N71/N72	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.7	x: 0.05 m η = 12.6	x: 0.05 m η = 10.7	x: 1.305 m η = 2.2	x: 1.305 m η = 0.9	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 23.4	η < 0.1	η = 2.8	x: 1.305 m η = 0.6	η = 0.2	**CUMPLE η = 23.4**
N72/N73	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 17.3	x: 0.051 m η = 14.4	x: 1.305 m η = 3.3	x: 0.051 m η = 1.4	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 20.7	η < 0.1	η = 2.9	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 20.7**
N73/N74	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 27.7	x: 0.051 m η = 24.5	x: 1.305 m η = 7.6	x: 1.305 m η = 0.8	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 36.1	η < 0.1	η = 3.1	x: 0.051 m η = 0.8	η = 0.1	**CUMPLE η = 36.1**
N74/N75	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 36.4	x: 0.051 m η = 32.6	x: 1.302 m η = 3.8	x: 0.051 m η = 2.5	x: 0.051 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 42.2	η < 0.1	η = 1.3	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 42.2**
N75/N76	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 44.9	x: 0.052 m η = 40.9	x: 1.304 m η = 9.5	x: 1.304 m η = 2.9	x: 1.304 m η = 1.3	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 57.2	η < 0.1	η = 1.4	x: 0.052 m η = 0.8	η = 0.2	**CUMPLE η = 57.2**
N76/N77	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 45.1	x: 0.052 m η = 39.6	x: 0.052 m η = 6.1	x: 0.052 m η = 0.8	x: 0.052 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 51.8	η < 0.1	η = 2.7	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 51.8**
N77/N78	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 50.6	x: 0.053 m η = 44.9	x: 1.303 m η = 8.9	x: 1.303 m η = 0.7	x: 1.303 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 60.2	η < 0.1	η = 2.9	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 60.2**
N78/N79	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 54.1	x: 0.053 m η = 48.0	x: 0.053 m η = 6.9	x: 0.053 m η = 1.7	x: 0.053 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 62.6	η < 0.1	η = 2.0	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 62.6**
N79/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 56.9	x: 0.054 m η = 50.7	x: 1.315 m η = 12.7	x: 1.315 m η = 1.9	x: 0.054 m η = 1.4	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 71.3	η < 0.1	η = 2.0	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 71.3**
N68/N88	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 1.0	x: 0.131 m η = 2.3	x: 0.131 m η = 64.7	x: 0.131 m η = 2.8	x: 0.131 m η = 10.9	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 67.8	η < 0.1	η = 1.4	x: 0.131 m η = 6.6	η = 0.1	**CUMPLE η = 67.8**
N88/N87	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 11.6	x: 0.05 m η = 13.6	x: 0.05 m η = 9.5	x: 1.305 m η = 3.2	x: 1.305 m η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 22.0	η < 0.1	η = 1.9	x: 1.305 m η = 0.4	η = 0.1	**CUMPLE η = 22.0**
N87/N86	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 18.0	x: 0.051 m η = 14.5	x: 1.305 m η = 3.2	x: 0.051 m η = 1.5	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 21.5	η < 0.1	η = 2.9	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 21.5**
N86/N85	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 28.4	x: 0.051 m η = 24.5	x: 1.305 m η = 7.7	x: 1.305 m η = 1.3	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 37.1	η < 0.1	η = 3.0	x: 0.051 m η = 0.8	η < 0.1	**CUMPLE η = 37.1**
N85/N84	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 36.9	x: 0.051 m η = 32.6	x: 1.302 m η = 3.8	x: 0.051 m η = 1.6	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 41.3	η < 0.1	η = 1.4	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 41.3**
N84/N83	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 45.3	x: 0.052 m η = 40.7	x: 1.304 m η = 9.5	x: 1.304 m η = 2.3	x: 1.304 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 56.0	η < 0.1	η = 1.5	x: 0.052 m η = 0.8	η = 0.2	**CUMPLE η = 56.0**
N83/N82	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 45.6	x: 0.052 m η = 39.7	x: 0.052 m η = 6.2	x: 0.052 m η = 0.9	x: 0.052 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 52.5	η < 0.1	η = 2.7	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 52.5**
N82/N81	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 51.1	x: 0.053 m η = 45.0	x: 1.303 m η = 8.9	x: 1.303 m η = 1.1	x: 1.303 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 61.0	η < 0.1	η = 2.9	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 61.0**
N81/N80	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 54.4	x: 0.053 m η = 48.0	x: 0.053 m η = 6.9	x: 0.053 m η = 0.7	x: 0.053 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.053 m η = 61.4	η < 0.1	η = 2.0	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 61.4**
N80/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 56.9	x: 0.054 m η = 50.5	x: 1.315 m η = 12.7	x: 1.315 m η = 0.8	x: 0.054 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 1.315 m η = 69.8	η < 0.1	η = 1.9	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 69.8**
N78/N55	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.0	x: 0.091 m η = 19.8	x: 1.59 m η = 6.6	x: 0.091 m η = 5.6	η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 31.3	η < 0.1	η = 0.4	η = 0.6	η = 0.3	**CUMPLE η = 31.3**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N79/N56	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.2	x: 0.091 m η = 10.8	x: 0.091 m η = 5.4	x: 1.55 m η = 1.1	η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.5	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.5**
N77/N54	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.8	x: 0.091 m η = 20.0	x: 1.63 m η = 8.6	x: 0.091 m η = 0.9	η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.7	η < 0.1	η = 0.5	η = 0.7	η < 0.1	**CUMPLE η = 29.7**
N76/N53	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 32.0	x: 0.091 m η = 31.6	x: 1.67 m η = 11.3	x: 0.091 m η = 4.3	η = 1.5	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 47.1	η < 0.1	η = 0.1	η = 0.9	η = 0.2	**CUMPLE η = 47.1**
N75/N52	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 32.4	x: 0.091 m η = 31.4	x: 1.71 m η = 13.6	x: 1.71 m η = 1.1	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 46.4	η < 0.1	η = 0.6	η = 1.1	η < 0.1	**CUMPLE η = 46.4**
N71/N48	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 38.7	x: 0.091 m η = 37.5	x: 0.091 m η = 24.8	x: 0.091 m η = 1.5	η = 2.6	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 65.0	η < 0.1	η = 0.7	η = 1.6	η < 0.1	**CUMPLE η = 65.0**
N72/N49	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 54.5	x: 0.091 m η = 53.2	x: 1.83 m η = 18.4	x: 0.091 m η = 5.6	η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 77.4	η < 0.1	η = 0.6	η = 1.3	η = 0.2	**CUMPLE η = 77.4**
N73/N50	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 40.8	x: 0.091 m η = 39.4	x: 1.79 m η = 16.7	x: 0.091 m η = 1.1	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 58.6	η < 0.1	η = 0.9	η = 1.3	η < 0.1	**CUMPLE η = 58.6**
N74/N51	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 40.8	x: 0.091 m η = 40.0	x: 1.75 m η = 15.0	x: 0.091 m η = 5.0	η = 1.9	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 59.5	η < 0.1	η = 0.6	η = 1.2	η = 0.2	**CUMPLE η = 59.5**
N81/N59	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.5	x: 0.091 m η = 19.2	x: 1.59 m η = 6.4	x: 0.091 m η = 5.6	η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 30.8	η < 0.1	η = 0.5	η = 0.5	η = 0.3	**CUMPLE η = 30.8**
N80/N58	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 10.7	x: 0.091 m η = 10.2	x: 0.091 m η = 5.3	x: 1.55 m η = 1.1	η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 16.8	η < 0.1	η = 0.1	η = 0.4	η < 0.1	**CUMPLE η = 16.8**
N82/N60	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.3	x: 0.091 m η = 19.4	x: 1.63 m η = 8.4	x: 0.091 m η = 0.9	η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.2	η < 0.1	η = 0.5	η = 0.7	η < 0.1	**CUMPLE η = 29.2**
N83/N61	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 31.5	x: 0.091 m η = 31.0	x: 1.67 m η = 11.1	x: 0.091 m η = 4.4	η = 1.5	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 46.4	η < 0.1	η = 0.2	η = 0.9	η = 0.2	**CUMPLE η = 46.4**
N84/N62	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 31.9	x: 0.091 m η = 30.8	x: 1.71 m η = 13.4	x: 1.71 m η = 1.0	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 46.0	η < 0.1	η = 0.5	η = 1.1	η < 0.1	**CUMPLE η = 46.0**
N87/N65	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 53.9	x: 0.091 m η = 52.4	x: 1.83 m η = 18.3	x: 0.091 m η = 4.5	η = 2.1	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 75.5	η < 0.1	η = 0.4	η = 1.3	η = 0.2	**CUMPLE η = 75.5**
N86/N64	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 40.4	x: 0.091 m η = 38.9	x: 1.79 m η = 16.6	x: 1.79 m η = 0.9	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 57.8	η < 0.1	η = 0.7	η = 1.2	η < 0.1	**CUMPLE η = 57.8**
N85/N63	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 40.4	x: 0.091 m η = 39.4	x: 1.75 m η = 14.8	x: 0.091 m η = 4.8	η = 1.9	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 59.4	η < 0.1	η = 0.6	η = 1.1	η = 0.2	**CUMPLE η = 59.4**
N88/N66	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 39.6	x: 0.091 m η = 38.9	x: 0.091 m η = 24.2	x: 0.091 m η = 1.3	η = 2.6	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 64.9	η < 0.1	η = 0.4	η = 1.6	η < 0.1	**CUMPLE η = 64.9**
N79/N57	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 12.0	x: 0.12 m η = 12.0	x: 0.12 m η = 3.9	x: 2.01 m η = 0.3	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 16.0	η < 0.1	η = 0.3	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 16.0**
N78/N56	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.7	x: 0.119 m η = 15.7	x: 0.119 m η = 5.2	x: 0.119 m η = 3.4	x: 2.042 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.119 m η = 24.0	η < 0.1	η = 0.7	x: 2.042 m η = 0.3	η = 0.1	**CUMPLE η = 24.0**
N77/N55	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.6	x: 0.118 m η = 25.3	x: 0.118 m η = 5.7	x: 0.118 m η = 0.7	x: 2.075 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 31.5	η < 0.1	η = 0.3	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 31.5**
N76/N54	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.6	x: 0.117 m η = 27.0	x: 0.117 m η = 7.4	x: 0.117 m η = 2.8	x: 2.107 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 36.8	η < 0.1	η = 0.4	x: 2.107 m η = 0.5	η = 0.1	**CUMPLE η = 36.8**
N75/N53	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 38.7	x: 0.116 m η = 39.7	x: 0.116 m η = 8.3	x: 0.116 m η = 0.7	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 48.6	η < 0.1	η = 0.4	x: 2.14 m η = 0.6	η < 0.1	**CUMPLE η = 48.6**
N74/N52	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 39.4	x: 0.115 m η = 41.0	x: 0.115 m η = 9.5	x: 0.115 m η = 3.1	x: 2.173 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 0.115 m η = 53.2	η < 0.1	η = 0.6	x: 2.173 m η = 0.6	η = 0.1	**CUMPLE η = 53.2**
N73/N51	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.9	x: 0.114 m η = 50.4	x: 0.114 m η = 10.1	x: 0.114 m η = 0.9	x: 2.206 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 61.3	η < 0.1	η = 0.4	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 61.3**
N72/N50	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 48.6	x: 0.113 m η = 50.7	x: 0.113 m η = 10.7	x: 0.113 m η = 3.1	x: 2.239 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 64.2	η < 0.1	η = 0.9	x: 2.239 m η = 0.7	η = 0.1	**CUMPLE η = 64.2**
N71/N49	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 62.9	x: 0.112 m η = 65.0	x: 0.112 m η = 17.6	x: 0.112 m η = 1.3	x: 2.273 m η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 82.8	η < 0.1	η = 0.3	x: 2.273 m η = 1.1	η < 0.1	**CUMPLE η = 82.8**
N46/N48	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 48.3	x: 0.232 m η = 50.4	x: 0.232 m η = 12.9	x: 0.232 m η = 2.3	x: 0.232 m η = 0.9	η = 0.2	η < 0.1	η < 0.1	x: 0.232 m η = 65.5	η < 0.1	η = 0.5	x: 0.232 m η = 0.6	η = 0.1	**CUMPLE η = 65.5**
N80/N57	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.1	x: 0.12 m η = 11.3	x: 0.12 m η = 3.8	x: 2.01 m η = 0.4	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.1	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.1**
N81/N58	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.9	x: 0.119 m η = 15.1	x: 0.119 m η = 5.0	x: 0.119 m η = 3.3	x: 2.042 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.119 m η = 22.7	η < 0.1	η = 0.7	x: 2.042 m η = 0.3	η = 0.1	**CUMPLE η = 22.7**
N82/N59	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 23.8	x: 0.118 m η = 24.7	x: 0.118 m η = 5.6	x: 0.118 m η = 0.7	x: 2.075 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 30.4	η < 0.1	η = 0.3	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 30.4**
N83/N60	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 24.8	x: 0.117 m η = 26.4	x: 0.117 m η = 7.3	x: 0.117 m η = 3.1	x: 2.107 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 36.7	η < 0.1	η = 0.3	x: 2.107 m η = 0.5	η = 0.1	**CUMPLE η = 36.7**
N84/N61	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 38.0	x: 0.116 m η = 39.2	x: 0.116 m η = 8.2	x: 2.14 m η = 0.6	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 47.6	η < 0.1	η = 0.4	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 47.6**
N85/N62	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 38.6	x: 0.115 m η = 40.5	x: 0.115 m η = 9.4	x: 0.115 m η = 3.0	x: 2.173 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 0.115 m η = 52.2	η < 0.1	η = 0.6	x: 2.173 m η = 0.6	η = 0.1	**CUMPLE η = 52.2**
N86/N63	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.1	x: 0.114 m η = 49.9	x: 0.114 m η = 10.0	x: 0.114 m η = 0.9	x: 2.206 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 60.2	η < 0.1	η = 0.4	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 60.2**
N87/N64	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 48.0	x: 0.113 m η = 50.3	x: 0.113 m η = 10.7	x: 0.113 m η = 3.1	x: 2.239 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 63.9	η < 0.1	η = 0.5	x: 2.239 m η = 0.7	η = 0.1	**CUMPLE η = 63.9**
N88/N65	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 62.0	x: 0.112 m η = 64.3	x: 0.112 m η = 17.1	x: 0.112 m η = 1.1	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 81.7	η < 0.1	η = 0.2	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 81.7**
N68/N66	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 49.0	x: 0.232 m η = 50.9	x: 0.232 m η = 10.7	x: 0.232 m η = 1.4	x: 0.232 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 61.9	η < 0.1	η = 0.3	x: 0.232 m η = 0.4	η < 0.1	**CUMPLE η = 61.9**
N89/N90	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.6	x: 0 m η = 14.4	x: 6.109 m η = 56.5	x: 0 m η = 11.2	η = 9.7	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 69.4	η < 0.1	η < 0.1	η = 7.9	η = 0.3	**CUMPLE η = 69.4**
N90/N91	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.3	x: 0.091 m η = 0.4	η = 12.3	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 39.5	η < 0.1	η = 0.3	η = 7.4	η < 0.1	**CUMPLE η = 39.5**
N91/N92	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.2	x: 1.306 m η = 6.5	x: 1.306 m η = 0.4	x: 1.306 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.9	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.0**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N92/N93	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.9	η = 2.8	x: 0.049 m η = 9.1	x: 1.306 m η = 0.7	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.0	η < 0.1	η = 0.9	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 12.0**
N93/N94	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.9	η = 15.1	x: 1.306 m η = 4.6	x: 1.306 m η = 0.6	x: 0.049 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 20.1	η < 0.1	η = 0.9	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 20.1**
N94/N95	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 24.7	η = 25.2	x: 1.305 m η = 6.1	x: 0.049 m η = 0.4	x: 0.049 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 31.3	η < 0.1	η = 0.7	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 31.3**
N95/N96	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 34.6	η = 35.4	x: 1.305 m η = 5.4	x: 0.05 m η = 0.2	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 40.9	η < 0.1	η = 0.5	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 40.9**
N96/N97	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 42.5	η = 43.6	x: 1.304 m η = 6.9	x: 1.304 m η = 0.2	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 50.7	η < 0.1	η = 0.3	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 50.7**
N97/N98	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 50.4	η = 51.7	x: 1.304 m η = 6.0	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 57.8	η < 0.1	η = 0.2	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 57.8**
N98/N99	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.2	η = 57.7	x: 1.304 m η = 7.5	x: 1.302 m η = 0.2	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.3	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 65.3**
N99/N100	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 61.9	η = 63.4	x: 1.094 m η = 5.9	x: 0.051 m η = 0.2	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 69.4	η < 0.1	η = 0.1	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 69.4**
N100/N101	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.2	η = 66.9	x: 1.303 m η = 10.7	x: 1.303 m η = 0.3	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 77.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 77.8**
N101/N102	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.5	η = 67.2	x: 0.052 m η = 10.6	x: 0.052 m η = 0.2	x: 1.303 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 78.0	η < 0.1	η < 0.1	x: 1.303 m η = 0.5	η < 0.1	**CUMPLE η = 78.0**
N102/N103	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.5	η = 64.0	x: 0.469 m η = 5.9	x: 1.302 m η = 0.2	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.469 m η = 70.1	η < 0.1	η < 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 70.1**
N103/N104	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.1	η = 58.6	x: 0.051 m η = 7.5	x: 0.051 m η = 0.2	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 66.1	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 66.1**
N104/N105	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 51.6	η = 52.9	x: 0.051 m η = 6.0	x: 0.051 m η = 0.2	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.1	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 59.1**
N105/N106	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.0	η = 45.1	x: 0.051 m η = 6.9	x: 1.305 m η = 0.2	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 52.0	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 52.0**
N106/N107	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 36.3	η = 37.1	x: 0.05 m η = 5.5	x: 1.305 m η = 0.4	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.6	η < 0.1	η = 0.3	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 42.6**
N107/N108	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.5	η = 27.2	x: 0.05 m η = 6.1	x: 1.306 m η = 0.5	x: 1.306 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 33.6	η < 0.1	η = 0.5	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 33.6**
N108/N109	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.0	η = 17.3	x: 0.049 m η = 4.7	x: 0.049 m η = 0.6	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.4	η < 0.1	η = 0.6	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.4**
N109/N110	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.2	η = 5.3	x: 1.306 m η = 7.8	x: 0.049 m η = 0.6	x: 1.306 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.6	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 13.0**
N110/N111	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.0	η = 4.5	x: 0.049 m η = 5.1	x: 0.049 m η = 0.4	x: 1.225 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 10.0	η < 0.1	η = 0.6	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 10.0**
N113/N425	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.3	x: 0 m η = 7.1	x: 0 m η = 9.8	x: 0 m η = 11.2	η = 12.6	η = 0.7	η < 0.1	η < 0.1	x: 0 m η = 26.2	η < 0.1	η = 0.2	η = 6.0	η = 0.2	**CUMPLE η = 26.2**
N425/N417	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.4	x: 0 m η = 7.4	x: 2.55 m η = 40.6	x: 0 m η = 10.2	η = 11.0	η = 0.7	η < 0.1	η < 0.1	x: 2.55 m η = 51.7	η < 0.1	η = 0.2	η = 6.0	η = 0.2	**CUMPLE η = 51.7**
N417/N112	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.5	x: 0 m η = 6.8	x: 0.109 m η = 42.3	x: 0.109 m η = 5.4	η = 10.0	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 53.8	η < 0.1	η = 0.2	η = 6.0	η = 0.1	**CUMPLE η = 53.8**
N112/N111	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 28.7	x: 0.091 m η = 0.3	η = 8.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.1	η < 0.1	η = 0.3	η = 5.1	η < 0.1	**CUMPLE η = 29.1**
N114/N101	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.1	x: 0.091 m η = 18.5	x: 1.51 m η = 0.2	x: 0.091 m η = 0.7	η < 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 19.3	η < 0.1	η = 0.2	η < 0.1	η = 0.1	**CUMPLE η = 19.3**
N90/N115	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.7	x: 0.131 m η = 2.6	x: 0.131 m η = 71.9	x: 0.131 m η = 2.1	x: 0.131 m η = 12.1	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 76.6	η < 0.1	η = 2.2	x: 0.131 m η = 7.4	η = 0.1	**CUMPLE η = 76.6**
N115/N116	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 9.9	x: 0.05 m η = 10.0	x: 0.05 m η = 11.3	x: 1.305 m η = 1.7	x: 1.305 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 21.4	η < 0.1	η = 2.4	x: 1.305 m η = 0.7	η = 0.2	**CUMPLE η = 21.4**
N116/N117	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 19.9	x: 0.051 m η = 19.6	x: 1.305 m η = 3.4	x: 0.051 m η = 1.2	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 23.4	η < 0.1	η = 0.5	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 23.4**
N117/N118	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.1	x: 0.051 m η = 29.5	x: 1.305 m η = 7.8	x: 1.305 m η = 1.0	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 38.6	η < 0.1	η = 0.6	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 38.6**
N118/N119	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 38.2	x: 0.051 m η = 37.3	x: 1.095 m η = 3.8	x: 0.051 m η = 2.3	x: 0.051 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 44.0	η < 0.1	η = 0.4	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 44.0**
N119/N120	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 46.3	x: 0.052 m η = 45.2	x: 1.304 m η = 8.7	x: 1.304 m η = 2.4	x: 1.304 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 57.1	η < 0.1	η = 0.4	x: 0.052 m η = 0.7	η = 0.2	**CUMPLE η = 57.1**
N120/N121	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 52.3	x: 0.052 m η = 50.8	x: 0.052 m η = 5.5	x: 0.052 m η = 0.7	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 58.2	η < 0.1	η = 0.4	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 58.2**
N121/N122	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.0	x: 0.053 m η = 56.5	x: 1.303 m η = 9.6	x: 1.303 m η = 0.9	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 68.2	η < 0.1	η = 0.4	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 68.2**
N122/N123	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.4	x: 0.053 m η = 59.6	x: 0.053 m η = 7.4	x: 0.053 m η = 1.9	x: 0.053 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 70.5	η < 0.1	η = 0.4	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 70.5**
N123/N114	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.1	x: 0.054 m η = 62.2	x: 1.315 m η = 13.3	x: 1.315 m η = 2.1	x: 1.315 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 79.3	η < 0.1	η = 0.4	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 79.3**
N112/N132	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.8	x: 0.131 m η = 0.2	x: 0.131 m η = 59.4	x: 0.131 m η = 3.1	x: 1.306 m η = 10.0	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 63.0	η < 0.1	η = 1.6	x: 0.131 m η = 6.2	η = 0.1	**CUMPLE η = 63.0**
N132/N131	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 11.9	x: 0.05 m η = 11.7	x: 0.05 m η = 8.7	x: 1.305 m η = 2.8	x: 1.305 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 20.3	η < 0.1	η = 1.7	x: 1.305 m η = 0.5	η = 0.1	**CUMPLE η = 20.3**
N131/N130	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 21.7	x: 0.051 m η = 21.2	x: 1.305 m η = 3.4	x: 0.051 m η = 1.2	x: 0.051 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 25.2	η < 0.1	η = 0.5	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 25.2**
N130/N129	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 31.7	x: 0.051 m η = 30.9	x: 1.305 m η = 7.9	x: 1.305 m η = 1.6	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 40.7	η < 0.1	η = 0.3	x: 0.051 m η = 0.7	η < 0.1	**CUMPLE η = 40.7**
N129/N128	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 39.6	x: 0.051 m η = 38.5	x: 0.051 m η = 3.9	x: 0.051 m η = 1.7	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 44.0	η < 0.1	η = 0.4	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.0**
N128/N127	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.4	x: 0.052 m η = 46.2	x: 1.304 m η = 8.7	x: 1.304 m η = 2.0	x: 1.304 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 56.7	η < 0.1	η = 0.4	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.7**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N127/N126	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.1	x: 0.052 m η = 51.6	x: 0.052 m η = 5.6	x: 0.052 m η = 1.6	x: 0.052 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 60.2	η < 0.1	η = 0.5	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 60.2**
N126/N125	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.6	x: 0.053 m η = 57.0	x: 1.303 m η = 9.6	x: 1.303 m η = 1.5	x: 1.303 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 69.5	η < 0.1	η = 0.4	x: 0.053 m η = 0.6	η = 0.1	**CUMPLE η = 69.5**
N125/N124	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.7	x: 0.053 m η = 59.9	x: 0.053 m η = 7.5	x: 0.053 m η = 1.1	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.4	η < 0.1	η = 0.4	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 69.4**
N124/N114	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.2	x: 1.315 m η = 13.3	x: 1.315 m η = 1.4	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 77.4	η < 0.1	η = 0.4	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 77.4**
N122/N99	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.7	x: 0.091 m η = 20.8	x: 1.59 m η = 7.3	x: 0.091 m η = 0.5	η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.1	η < 0.1	η = 0.3	η = 0.6	η < 0.1	**CUMPLE η = 28.1**
N123/N100	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 10.9	x: 0.091 m η = 10.7	x: 0.091 m η = 5.9	x: 0.091 m η = 0.2	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 16.8	η < 0.1	η = 0.3	η = 0.5	η < 0.1	**CUMPLE η = 16.8**
N121/N98	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.3	x: 0.091 m η = 20.8	x: 1.63 m η = 9.4	x: 1.63 m η = 0.2	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.7	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 30.7**
N120/N97	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.2	x: 0.091 m η = 30.1	x: 1.67 m η = 11.2	x: 0.091 m η = 0.5	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 41.5	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 41.5**
N119/N96	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.7	x: 0.091 m η = 29.9	x: 1.71 m η = 13.0	x: 1.71 m η = 0.5	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 43.7	η < 0.1	η = 0.3	η = 1.0	η < 0.1	**CUMPLE η = 43.7**
N115/N92	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 34.9	x: 0.091 m η = 34.2	x: 0.091 m η = 23.5	x: 0.091 m η = 0.8	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.3	η < 0.1	η = 0.9	η = 1.5	η < 0.1	**CUMPLE η = 58.3**
N116/N93	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 50.9	x: 0.091 m η = 50.3	x: 1.83 m η = 17.3	x: 0.091 m η = 2.8	η = 2.0	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 69.1	η < 0.1	η = 0.6	η = 1.2	η < 0.1	**CUMPLE η = 69.1**
N117/N94	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.5	x: 0.091 m η = 38.6	x: 1.79 m η = 16.5	x: 1.79 m η = 0.8	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.1	η < 0.1	η = 0.4	η = 1.2	η < 0.1	**CUMPLE η = 56.1**
N118/N95	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.7	x: 0.091 m η = 39.4	x: 1.75 m η = 14.6	x: 1.75 m η = 0.6	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 54.6	η < 0.1	η = 0.4	η = 1.1	η < 0.1	**CUMPLE η = 54.6**
N125/N103	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.6	x: 0.091 m η = 20.0	x: 1.59 m η = 6.8	x: 0.091 m η = 0.5	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 26.9	η < 0.1	η = 0.2	η = 0.6	η < 0.1	**CUMPLE η = 26.9**
N124/N102	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.9	x: 0.091 m η = 9.8	x: 0.091 m η = 5.5	x: 0.091 m η = 0.2	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 15.4	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 15.4**
N126/N104	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.2	x: 0.091 m η = 20.0	x: 1.63 m η = 8.9	x: 1.63 m η = 0.2	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 29.2	η < 0.1	η = 0.3	η = 0.7	η < 0.1	**CUMPLE η = 29.2**
N127/N105	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 29.2	x: 0.091 m η = 29.3	x: 1.67 m η = 10.8	x: 0.091 m η = 0.5	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 40.2	η < 0.1	η = 0.1	η = 0.9	η < 0.1	**CUMPLE η = 40.2**
N128/N106	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 29.7	x: 0.091 m η = 29.2	x: 1.71 m η = 12.6	x: 1.71 m η = 0.4	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 42.4	η < 0.1	η = 0.3	η = 1.0	η < 0.1	**CUMPLE η = 42.4**
N131/N109	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 49.4	x: 0.091 m η = 49.2	x: 1.83 m η = 17.1	x: 0.091 m η = 2.0	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 67.1	η < 0.1	η = 0.4	η = 1.2	η = 0.1	**CUMPLE η = 67.1**
N130/N108	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 38.6	x: 0.091 m η = 37.9	x: 1.79 m η = 16.1	x: 1.79 m η = 0.6	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 54.9	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 54.9**
N129/N107	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 38.7	x: 0.091 m η = 38.6	x: 1.75 m η = 14.3	x: 1.75 m η = 0.5	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 53.1	η < 0.1	η = 0.2	η = 1.1	η < 0.1	**CUMPLE η = 53.1**
N132/N110	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 36.7	x: 0.091 m η = 35.9	x: 0.091 m η = 22.1	x: 0.091 m η = 0.6	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 59.1	η < 0.1	η = 0.8	η = 1.5	η < 0.1	**CUMPLE η = 59.1**
N123/N101	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.6	x: 0.12 m η = 11.6	x: 0.12 m η = 3.9	x: 0.12 m η = 0.7	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.8	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.8**
N122/N100	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.7	x: 0.119 m η = 15.5	x: 0.119 m η = 5.4	x: 2.042 m η = 0.4	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 20.9	η < 0.1	η = 0.2	x: 2.042 m η = 0.3	η < 0.1	**CUMPLE η = 20.9**
N121/N99	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.7	x: 0.118 m η = 26.0	x: 0.118 m η = 6.1	x: 0.118 m η = 0.3	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 32.0	η < 0.1	η < 0.1	x: 2.075 m η = 0.3	η < 0.1	**CUMPLE η = 32.0**
N120/N98	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.6	x: 0.117 m η = 27.6	x: 0.117 m η = 7.4	x: 0.117 m η = 0.6	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 35.2	η < 0.1	η = 0.2	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 35.2**
N119/N97	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.1	x: 0.116 m η = 37.7	x: 0.116 m η = 8.0	x: 0.116 m η = 0.7	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 46.1	η < 0.1	η = 0.3	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 46.1**
N118/N96	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.5	x: 0.115 m η = 38.8	x: 0.115 m η = 9.2	x: 0.115 m η = 0.4	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.2	η < 0.1	η = 0.3	x: 2.173 m η = 0.6	η < 0.1	**CUMPLE η = 48.2**
N117/N95	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.1	x: 0.114 m η = 49.0	x: 0.114 m η = 10.1	x: 0.114 m η = 0.3	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 58.8	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 58.8**
N116/N94	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 47.5	x: 0.113 m η = 49.1	x: 0.113 m η = 10.0	x: 0.113 m η = 1.3	x: 2.239 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 59.4	η < 0.1	η = 0.6	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 59.4**
N115/N93	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 59.6	x: 0.112 m η = 60.8	x: 0.112 m η = 17.0	x: 0.112 m η = 0.9	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 77.7	η < 0.1	η = 0.5	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 77.7**
N90/N92	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 44.7	x: 0.232 m η = 46.1	x: 0.232 m η = 14.4	x: 0.232 m η = 1.4	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 61.6	η < 0.1	η = 0.3	x: 2.307 m η = 0.8	η = 0.1	**CUMPLE η = 61.6**
N124/N101	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.4	x: 0.12 m η = 10.1	x: 0.12 m η = 3.7	x: 0.12 m η = 0.4	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.4	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.4**
N125/N102	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.6	x: 0.119 m η = 14.1	x: 0.119 m η = 5.2	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 19.4	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 19.4**
N126/N103	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.6	x: 0.118 m η = 24.7	x: 0.118 m η = 5.9	x: 0.118 m η = 0.5	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 30.8	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 30.8**
N127/N104	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.5	x: 0.117 m η = 26.3	x: 0.117 m η = 7.2	x: 0.117 m η = 0.7	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 33.4	η < 0.1	η = 0.2	x: 2.107 m η = 0.5	η < 0.1	**CUMPLE η = 33.4**
N128/N105	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 36.1	x: 0.116 m η = 36.5	x: 0.116 m η = 7.8	x: 0.116 m η = 0.5	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 44.3	η < 0.1	η = 0.3	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 44.3**
N129/N106	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 36.5	x: 0.115 m η = 37.6	x: 0.115 m η = 9.1	x: 0.115 m η = 0.5	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 46.5	η < 0.1	η = 0.1	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 46.5**
N130/N107	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 47.1	x: 0.114 m η = 47.7	x: 0.114 m η = 9.9	x: 0.114 m η = 0.6	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 57.9	η < 0.1	η = 0.2	x: 2.206 m η = 0.6	η < 0.1	**CUMPLE η = 57.9**
N131/N108	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 46.7	x: 0.113 m η = 48.0	x: 0.113 m η = 10.0	x: 0.113 m η = 1.3	x: 2.239 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 58.3	η < 0.1	η = 0.4	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 58.3**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N132/N109	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 58.4	x: 0.112 m η = 59.1	x: 0.112 m η = 16.0	x: 0.112 m η = 0.8	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 75.1	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 75.1**
N112/N110	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.5	x: 0.232 m η = 46.9	x: 0.232 m η = 9.8	x: 0.232 m η = 1.4	x: 2.307 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 57.1	η < 0.1	η = 0.3	x: 0.232 m η = 0.4	η < 0.1	**CUMPLE η = 57.1**
N133/N134	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.7	x: 0 m η = 14.4	x: 6.109 m η = 56.9	x: 0 m η = 10.9	η = 9.8	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 69.7	η < 0.1	η < 0.1	η = 8.0	η = 0.3	**CUMPLE η = 69.7**
N134/N135	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.7	x: 0.091 m η = 0.3	η = 12.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 39.9	η < 0.1	η = 0.3	η = 10.3	η < 0.1	**CUMPLE η = 39.9**
N135/N136	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.3	x: 1.306 m η = 6.6	x: 1.306 m η = 0.2	x: 1.306 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.8	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.0**
N136/N137	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.9	η = 2.8	x: 0.049 m η = 9.1	x: 1.306 m η = 0.4	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 11.9	η < 0.1	η = 0.7	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 11.9**
N137/N138	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.0	η = 15.1	x: 1.306 m η = 4.6	x: 1.306 m η = 0.4	x: 0.049 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 20.0	η < 0.1	η = 0.7	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 20.0**
N138/N139	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 24.8	η = 25.2	x: 1.305 m η = 6.1	x: 1.303 m η = 0.3	x: 0.049 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 31.2	η < 0.1	η = 0.5	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 31.2**
N139/N140	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 34.7	η = 35.3	x: 1.305 m η = 5.4	x: 0.05 m η = 0.2	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 40.7	η < 0.1	η = 0.4	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 40.7**
N140/N141	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 42.7	η = 43.5	x: 1.304 m η = 6.9	x: 1.304 m η = 0.2	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 50.6	η < 0.1	η = 0.3	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 50.6**
N141/N142	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 50.6	η = 51.6	x: 1.304 m η = 6.0	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 57.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 57.7**
N142/N143	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.4	η = 57.6	x: 1.304 m η = 7.5	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.0	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 65.0**
N143/N144	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.1	η = 63.3	x: 1.094 m η = 5.9	x: 1.303 m η = 0.2	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 69.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 69.2**
N144/N145	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.4	η = 66.8	x: 1.303 m η = 10.7	x: 1.303 m η = 0.4	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 77.9	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 77.9**
N145/N146	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.8	η = 67.1	x: 0.052 m η = 10.7	x: 0.052 m η = 0.4	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 78.1	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 78.1**
N146/N147	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.7	η = 64.0	x: 0.469 m η = 5.9	x: 0.052 m η = 0.1	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 69.9	η < 0.1	η = 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 69.9**
N147/N148	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.4	η = 58.6	x: 0.051 m η = 7.4	x: 1.302 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 66.1	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 66.1**
N148/N149	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 51.9	η = 53.0	x: 0.051 m η = 6.0	x: 1.304 m η = 0.2	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.1	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 59.1**
N149/N150	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.2	η = 45.2	x: 0.051 m η = 6.9	x: 0.051 m η = 0.2	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 52.3	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 52.3**
N150/N151	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 36.5	η = 37.3	x: 0.05 m η = 5.4	x: 1.303 m η = 0.2	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.7	η < 0.1	η = 0.2	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 42.7**
N151/N152	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.8	η = 27.4	x: 0.05 m η = 6.1	x: 1.304 m η = 0.2	x: 1.306 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 33.6	η < 0.1	η = 0.3	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 33.6**
N152/N153	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.2	η = 17.6	x: 0.049 m η = 4.7	x: 0.049 m η = 0.3	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.3	η < 0.1	η = 0.4	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.3**
N153/N154	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.4	η = 5.6	x: 1.306 m η = 7.8	x: 0.049 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.1	η < 0.1	η = 0.5	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 13.1**
N154/N155	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.8	η = 4.6	x: 0.049 m η = 5.1	x: 0.049 m η = 0.2	x: 1.225 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 9.9	η < 0.1	η = 0.4	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 9.9**
N157/N426	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.3	x: 0 m η = 7.2	x: 0 m η = 10.0	x: 0 m η = 9.3	η = 13.0	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 25.6	η < 0.1	η = 0.2	η = 5.9	η = 0.2	**CUMPLE η = 25.6**
N426/N418	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.5	x: 0 m η = 7.5	x: 2.55 m η = 40.9	x: 0 m η = 8.6	η = 11.0	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 51.5	η < 0.1	η = 0.2	η = 5.9	η = 0.2	**CUMPLE η = 51.5**
N418/N156	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.5	x: 0 m η = 6.8	x: 0.109 m η = 42.6	x: 0.109 m η = 4.5	η = 9.7	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 53.6	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 53.6**
N156/N155	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 28.8	x: 0.091 m η = 0.2	η = 8.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.1	η < 0.1	η = 0.1	η = 6.0	η < 0.1	**CUMPLE η = 29.1**
N158/N145	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.1	x: 0.091 m η = 18.7	x: 1.51 m η = 0.2	x: 0.091 m η = 0.7	η < 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 19.4	η < 0.1	η = 0.2	η < 0.1	η = 0.1	**CUMPLE η = 19.4**
N134/N159	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.7	x: 0.131 m η = 2.7	x: 0.131 m η = 72.3	x: 0.131 m η = 1.1	x: 0.131 m η = 12.2	η = 0.1	η < 0.1	η < 0.1	x: 0.131 m η = 76.1	η < 0.1	η = 1.7	x: 0.131 m η = 7.5	η = 0.1	**CUMPLE η = 76.1**
N159/N160	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 9.8	x: 0.05 m η = 10.1	x: 0.05 m η = 11.4	x: 1.305 m η = 0.9	x: 1.305 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 21.3	η < 0.1	η = 1.7	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 21.3**
N160/N161	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 19.8	x: 0.051 m η = 19.7	x: 1.305 m η = 3.4	x: 0.051 m η = 0.7	x: 0.051 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 23.3	η < 0.1	η = 0.1	x: 0.051 m η = 0.5	η < 0.1	**CUMPLE η = 23.3**
N161/N162	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.0	x: 0.051 m η = 29.7	x: 1.305 m η = 7.8	x: 1.305 m η = 0.6	x: 1.305 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 38.0	η < 0.1	η = 0.3	x: 0.051 m η = 0.7	η < 0.1	**CUMPLE η = 38.0**
N162/N163	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 38.2	x: 0.051 m η = 37.5	x: 1.095 m η = 3.8	x: 0.051 m η = 1.4	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 43.0	η < 0.1	η < 0.1	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 43.0**
N163/N164	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 46.3	x: 0.052 m η = 45.4	x: 1.304 m η = 8.7	x: 1.304 m η = 1.5	x: 1.304 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 56.2	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.2**
N164/N165	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 52.2	x: 0.052 m η = 51.1	x: 0.052 m η = 5.6	x: 0.052 m η = 0.7	x: 0.052 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 57.7	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 57.7**
N165/N166	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 57.9	x: 0.053 m η = 56.7	x: 1.303 m η = 9.6	x: 1.303 m η = 0.6	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 67.5	η < 0.1	η = 0.1	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 67.5**
N166/N167	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.4	x: 0.053 m η = 59.9	x: 0.053 m η = 7.4	x: 0.053 m η = 1.1	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.6	η < 0.1	η = 0.1	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 69.6**
N167/N158	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.5	x: 1.315 m η = 13.4	x: 1.315 m η = 1.4	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 78.6	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 78.6**
N156/N176	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.6	x: 0.131 m η = 0.1	x: 0.131 m η = 59.7	x: 0.131 m η = 2.9	x: 1.306 m η = 10.1	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 63.1	η < 0.1	η = 1.1	x: 0.131 m η = 6.2	η = 0.1	**CUMPLE η = 63.1**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N176/N175	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.3	x: 0.05 m η = 12.0	x: 0.05 m η = 8.7	x: 1.305 m η = 2.7	x: 0.05 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 20.5	η < 0.1	η = 1.0	x: 1.305 m η = 0.4	η = 0.1	**CUMPLE η = 20.5**
N175/N174	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 22.0	x: 0.051 m η = 21.4	x: 1.305 m η = 3.3	x: 0.051 m η = 1.3	x: 0.051 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 25.4	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 25.4**
N174/N173	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 31.9	x: 0.051 m η = 31.2	x: 1.305 m η = 7.9	x: 1.305 m η = 1.6	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 40.7	η < 0.1	η = 0.2	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 40.7**
N173/N172	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 39.8	x: 0.051 m η = 38.8	x: 0.051 m η = 3.9	x: 0.051 m η = 1.7	x: 0.051 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 44.4	η < 0.1	η < 0.1	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.4**
N172/N171	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.6	x: 0.052 m η = 46.5	x: 1.304 m η = 8.8	x: 1.304 m η = 2.0	x: 1.304 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 57.3	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 57.3**
N171/N170	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.2	x: 0.052 m η = 51.9	x: 0.052 m η = 5.7	x: 0.052 m η = 0.8	x: 0.052 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 59.4	η < 0.1	η = 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 59.4**
N170/N169	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.6	x: 0.053 m η = 57.3	x: 1.303 m η = 9.6	x: 1.303 m η = 1.0	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 68.5	η < 0.1	η = 0.1	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 68.5**
N169/N168	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.7	x: 0.053 m η = 60.2	x: 0.053 m η = 7.5	x: 0.053 m η = 1.2	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.2	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 69.2**
N168/N158	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.5	x: 1.315 m η = 13.4	x: 1.315 m η = 1.6	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 77.6	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 77.6**
N166/N143	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.5	x: 0.091 m η = 20.8	x: 1.59 m η = 7.2	x: 0.091 m η = 0.4	η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.1	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 28.1**
N167/N144	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.0	x: 0.091 m η = 10.8	x: 0.091 m η = 6.0	x: 1.55 m η = 0.1	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.0	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.0**
N165/N142	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.1	x: 0.091 m η = 20.8	x: 1.63 m η = 9.3	x: 0.091 m η = 0.1	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.5	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 30.5**
N164/N141	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.2	x: 0.091 m η = 30.3	x: 1.67 m η = 11.2	x: 0.091 m η = 0.5	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 41.7	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 41.7**
N163/N140	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.6	x: 0.091 m η = 30.1	x: 1.71 m η = 13.0	x: 1.71 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 43.7	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 43.7**
N159/N136	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 34.9	x: 0.091 m η = 34.4	x: 0.091 m η = 23.6	x: 0.091 m η = 0.5	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.7	η < 0.1	η = 0.7	η = 1.5	η < 0.1	**CUMPLE η = 58.7**
N160/N137	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 51.1	x: 0.091 m η = 50.7	x: 1.83 m η = 17.3	x: 0.091 m η = 1.8	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 68.6	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 68.6**
N161/N138	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.3	x: 0.091 m η = 38.6	x: 1.79 m η = 16.4	x: 0.091 m η = 0.6	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 56.1	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 56.1**
N162/N139	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.6	x: 0.091 m η = 39.5	x: 1.75 m η = 14.6	x: 0.091 m η = 0.7	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 54.6	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 54.6**
N169/N147	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.3	x: 0.091 m η = 19.9	x: 1.59 m η = 6.8	x: 0.091 m η = 0.5	η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 26.8	η < 0.1	η = 0.2	η = 0.8	η < 0.1	**CUMPLE η = 26.8**
N168/N146	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.8	x: 0.091 m η = 9.9	x: 0.091 m η = 5.5	x: 1.55 m η = 0.1	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η < 0.1	x: 1.55 m η = 15.5	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 15.5**
N170/N148	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.0	x: 0.091 m η = 19.9	x: 1.63 m η = 8.8	x: 1.629 m η = 0.1	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 28.9	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 28.9**
N171/N149	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 29.1	x: 0.091 m η = 29.4	x: 1.67 m η = 10.7	x: 1.67 m η = 0.4	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 40.5	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 40.5**
N172/N150	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 29.6	x: 0.091 m η = 29.3	x: 1.71 m η = 12.5	x: 1.71 m η = 0.4	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 42.2	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 42.2**
N175/N153	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 49.5	x: 0.091 m η = 49.5	x: 1.83 m η = 17.1	x: 0.091 m η = 1.0	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 66.6	η < 0.1	η = 0.2	η = 1.6	η < 0.1	**CUMPLE η = 66.6**
N174/N152	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 38.4	x: 0.091 m η = 37.9	x: 1.79 m η = 16.0	x: 1.789 m η = 0.4	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 54.4	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 54.4**
N173/N151	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 38.5	x: 0.091 m η = 38.6	x: 1.75 m η = 14.2	x: 0.091 m η = 0.5	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 52.9	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 52.9**
N176/N154	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 37.0	x: 0.091 m η = 36.3	x: 0.091 m η = 22.1	x: 0.091 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 59.0	η < 0.1	η = 0.6	η = 1.5	η < 0.1	**CUMPLE η = 59.0**
N167/N145	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.8	x: 0.12 m η = 11.7	x: 0.12 m η = 3.9	x: 0.12 m η = 0.4	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.7	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.7**
N166/N144	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.9	x: 0.119 m η = 15.6	x: 0.119 m η = 5.4	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.2	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 21.2**
N165/N143	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.7	x: 0.118 m η = 25.9	x: 0.118 m η = 6.1	x: 0.118 m η = 0.2	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 32.0	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 32.0**
N164/N142	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.6	x: 0.117 m η = 27.4	x: 0.117 m η = 7.4	x: 0.117 m η = 0.3	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 34.5	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 34.5**
N163/N141	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.3	x: 0.116 m η = 37.7	x: 0.116 m η = 8.0	x: 0.116 m η = 0.4	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	x: 0.116 m η < 0.1	x: 0.116 m η = 45.9	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 45.9**
N162/N140	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.7	x: 0.115 m η = 38.8	x: 0.115 m η = 9.3	x: 0.115 m η = 0.4	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.2	η < 0.1	η = 0.2	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 48.2**
N161/N139	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.2	x: 0.114 m η = 48.8	x: 0.114 m η = 10.1	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 58.8	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 58.8**
N160/N138	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 47.6	x: 0.113 m η = 48.9	x: 0.113 m η = 10.0	x: 0.113 m η = 0.6	x: 2.239 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 58.8	η < 0.1	η = 0.5	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 58.8**
N159/N137	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 60.0	x: 0.112 m η = 60.9	x: 0.112 m η = 17.1	x: 0.112 m η = 0.7	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 78.0	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 78.0**
N134/N136	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.0	x: 0.232 m η = 46.2	x: 0.232 m η = 14.5	x: 0.232 m η = 1.2	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 61.7	η < 0.1	η = 0.3	x: 0.232 m η = 0.6	η < 0.1	**CUMPLE η = 61.7**
N168/N145	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.5	x: 0.12 m η = 10.1	x: 0.12 m η = 3.7	x: 0.12 m η = 0.4	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.6	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.6**
N169/N146	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.8	x: 0.119 m η = 14.1	x: 0.119 m η = 5.2	x: 0.119 m η = 0.6	x: 2.042 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 19.5	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 19.5**
N170/N147	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.5	x: 0.118 m η = 24.4	x: 0.118 m η = 5.9	x: 0.118 m η = 0.2	x: 2.075 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 30.5	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 30.5**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N171/N148	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.4	x: 0.117 m η = 26.0	x: 0.117 m η = 7.2	x: 0.117 m η = 0.3	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 33.1	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 33.1**
N172/N149	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 36.2	x: 0.116 m η = 36.3	x: 0.116 m η = 7.8	x: 0.116 m η = 0.4	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 44.4	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 44.4**
N173/N150	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 36.7	x: 0.115 m η = 37.4	x: 0.115 m η = 9.1	x: 0.115 m η = 0.8	x: 2.173 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 46.5	η < 0.1	η = 0.1	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 46.5**
N174/N151	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 47.2	x: 0.114 m η = 47.5	x: 0.114 m η = 9.9	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 57.2	η < 0.1	η = 0.2	x: 2.206 m η = 0.6	η < 0.1	**CUMPLE η = 57.2**
N175/N152	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 46.7	x: 0.113 m η = 47.8	x: 0.113 m η = 10.1	x: 0.113 m η = 0.7	x: 2.239 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 57.6	η < 0.1	η = 0.2	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 57.6**
N176/N153	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 58.7	x: 0.112 m η = 59.2	x: 0.112 m η = 16.1	x: 0.112 m η = 0.7	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 75.5	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 75.5**
N156/N154	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.9	x: 0.232 m η = 47.2	x: 0.232 m η = 9.8	x: 0.232 m η = 0.5	x: 2.307 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 56.0	η < 0.1	η = 0.2	x: 2.307 m η = 0.4	η < 0.1	**CUMPLE η = 56.0**
N177/N178	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.6	x: 0 m η = 14.4	x: 6.109 m η = 56.7	x: 0 m η = 10.6	η = 9.7	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 69.6	η < 0.1	η < 0.1	η = 8.0	η = 0.3	**CUMPLE η = 69.6**
N178/N179	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.5	x: 0.091 m η = 0.3	η = 12.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 39.6	η < 0.1	η = 0.3	η = 10.2	η < 0.1	**CUMPLE η = 39.6**
N179/N180	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.2	x: 1.306 m η = 6.6	x: 1.306 m η = 0.2	x: 1.306 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.8	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.0**
N180/N181	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.9	η = 2.8	x: 0.049 m η = 9.1	x: 1.306 m η = 0.4	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 11.9	η < 0.1	η = 0.7	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 11.9**
N181/N182	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.0	η = 15.1	x: 1.306 m η = 4.6	x: 1.306 m η = 0.4	x: 0.049 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 19.9	η < 0.1	η = 0.7	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 19.9**
N182/N183	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 24.7	η = 25.1	x: 1.305 m η = 6.0	x: 0.049 m η = 0.2	x: 0.049 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 31.3	η < 0.1	η = 0.5	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 31.3**
N183/N184	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 34.6	η = 35.3	x: 1.305 m η = 5.4	x: 0.05 m η = 0.1	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 40.8	η < 0.1	η = 0.4	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 40.8**
N184/N185	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 42.6	η = 43.5	x: 1.304 m η = 6.9	x: 1.304 m η = 0.2	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 50.5	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 50.5**
N185/N186	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 50.5	η = 51.5	x: 1.304 m η = 6.0	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 57.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 57.7**
N186/N187	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.2	η = 57.5	x: 1.304 m η = 7.5	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.0	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 65.0**
N187/N188	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 61.9	η = 63.2	x: 1.094 m η = 5.9	x: 1.303 m η = 0.2	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 69.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 69.2**
N188/N189	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.2	η = 66.7	x: 1.303 m η = 10.7	x: 1.303 m η = 0.4	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 77.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 77.8**
N189/N190	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.6	η = 67.0	x: 0.052 m η = 10.6	x: 0.052 m η = 0.4	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 78.1	η < 0.1	η = 0.1	x: 1.303 m η = 0.5	η < 0.1	**CUMPLE η = 78.1**
N190/N191	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.5	η = 63.9	x: 0.469 m η = 5.9	x: 0.052 m η = 0.2	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 69.9	η < 0.1	η = 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 69.9**
N191/N192	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.2	η = 58.5	x: 0.051 m η = 7.4	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 65.9	η < 0.1	η < 0.1	x: 0.051 m η = 0.5	η < 0.1	**CUMPLE η = 65.9**
N192/N193	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 51.7	η = 52.8	x: 0.051 m η = 6.0	x: 1.302 m η = 0.1	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.0	η < 0.1	η < 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 59.0**
N193/N194	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.1	η = 45.1	x: 0.051 m η = 6.9	x: 0.051 m η = 0.2	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 52.1	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 52.1**
N194/N195	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 36.4	η = 37.1	x: 0.05 m η = 5.4	x: 1.096 m η < 0.1	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.6	η < 0.1	η = 0.2	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 42.6**
N195/N196	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.6	η = 27.3	x: 0.05 m η = 6.1	x: 1.306 m η = 0.1	x: 1.306 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 33.3	η < 0.1	η = 0.3	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 33.3**
N196/N197	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.1	η = 17.4	x: 0.049 m η = 4.7	x: 0.049 m η = 0.2	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.1	η < 0.1	η = 0.4	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.1**
N197/N198	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.3	η = 5.4	x: 1.306 m η = 7.7	x: 0.049 m η = 0.2	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.0	η < 0.1	η = 0.5	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 13.0**
N198/N199	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.9	η = 4.4	x: 0.049 m η = 5.0	x: 0.049 m η = 0.3	x: 1.225 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 9.8	η < 0.1	η = 0.4	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 9.8**
N201/N427	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.4	x: 0 m η = 7.1	x: 0 m η = 8.7	x: 0 m η = 8.8	η = 12.0	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 23.7	η < 0.1	η = 0.2	η = 5.9	η = 0.2	**CUMPLE η = 23.7**
N427/N419	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.5	x: 0 m η = 7.4	x: 2.55 m η = 40.0	x: 0 m η = 8.1	η = 10.6	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 50.3	η < 0.1	η = 0.2	η = 5.9	η = 0.2	**CUMPLE η = 50.3**
N419/N200	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.5	x: 0 m η = 6.8	x: 0.109 m η = 41.7	x: 0.109 m η = 4.2	η = 9.5	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 52.4	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 52.4**
N200/N199	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.1	x: 0.091 m η = 28.2	x: 0.091 m η = 0.2	η = 8.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 28.5**
N202/N189	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.1	x: 0.091 m η = 18.6	x: 1.51 m η = 0.2	x: 0.091 m η = 0.6	η < 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 19.2	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 19.2**
N178/N203	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.7	x: 0.131 m η = 2.6	x: 0.131 m η = 72.0	x: 0.131 m η = 1.4	x: 0.131 m η = 12.1	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 76.0	η < 0.1	η = 1.7	x: 0.131 m η = 7.5	η = 0.1	**CUMPLE η = 76.0**
N203/N204	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 9.9	x: 0.05 m η = 10.0	x: 0.05 m η = 11.3	x: 1.305 m η = 1.1	x: 1.305 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 21.3	η < 0.1	η = 1.8	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 21.3**
N204/N205	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 19.8	x: 0.051 m η = 19.6	x: 1.305 m η = 3.4	x: 0.051 m η = 0.9	x: 0.051 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 23.3	η < 0.1	η < 0.1	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 23.3**
N205/N206	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.0	x: 0.051 m η = 29.6	x: 1.305 m η = 7.8	x: 1.305 m η = 0.9	x: 1.305 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 38.3	η < 0.1	η = 0.3	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 38.3**
N206/N207	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 38.2	x: 0.051 m η = 37.4	x: 1.095 m η = 3.8	x: 0.051 m η = 1.3	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 42.9	η < 0.1	η < 0.1	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 42.9**
N207/N208	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 46.2	x: 0.052 m η = 45.3	x: 1.304 m η = 8.7	x: 1.304 m η = 1.4	x: 1.304 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 56.1	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.1**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N208/N209	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 52.2	x: 0.052 m η = 50.9	x: 0.052 m η = 5.6	x: 0.052 m η = 0.5	x: 0.052 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 58.0	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 58.0**
N209/N210	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 57.9	x: 0.053 m η = 56.5	x: 1.303 m η = 9.5	x: 1.303 m η = 0.6	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 67.8	η < 0.1	η < 0.1	x: 1.303 m η = 1.0	η = 0.1	**CUMPLE η = 67.8**
N210/N211	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.3	x: 0.053 m η = 59.7	x: 0.053 m η = 7.4	x: 0.053 m η = 1.1	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.6	η < 0.1	η = 0.1	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 69.6**
N211/N202	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.4	x: 1.315 m η = 13.4	x: 1.315 m η = 1.5	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 78.6	η < 0.1	η < 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 78.6**
N200/N220	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.6	x: 0.131 m η = 0.1	x: 0.131 m η = 58.9	x: 0.131 m η = 2.7	x: 1.306 m η = 9.9	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 62.2	η < 0.1	η = 1.1	x: 0.131 m η = 6.2	η = 0.2	**CUMPLE η = 62.2**
N220/N219	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.2	x: 0.05 m η = 12.0	x: 0.05 m η = 8.6	x: 1.305 m η = 2.4	x: 1.305 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 20.5	η < 0.1	η = 1.0	x: 1.305 m η = 0.4	η = 0.2	**CUMPLE η = 20.5**
N219/N218	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 22.0	x: 0.051 m η = 21.4	x: 1.305 m η = 3.3	x: 0.051 m η = 1.4	x: 0.051 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 25.3	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 25.3**
N218/N217	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 31.9	x: 0.051 m η = 31.1	x: 1.305 m η = 7.9	x: 1.305 m η = 1.6	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 40.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 40.7**
N217/N216	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 39.8	x: 0.051 m η = 38.7	x: 0.051 m η = 3.9	x: 0.051 m η = 1.5	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 44.2	η < 0.1	η < 0.1	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.2**
N216/N215	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.6	x: 0.052 m η = 46.4	x: 1.304 m η = 8.8	x: 1.304 m η = 1.8	x: 1.304 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 56.9	η < 0.1	η < 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.9**
N215/N214	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.2	x: 0.052 m η = 51.8	x: 0.052 m η = 5.7	x: 0.052 m η = 1.0	x: 0.052 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 59.1	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 59.1**
N214/N213	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.6	x: 0.053 m η = 57.1	x: 1.303 m η = 9.6	x: 1.303 m η = 1.2	x: 1.303 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 68.2	η < 0.1	η < 0.1	x: 1.303 m η = 0.9	η = 0.2	**CUMPLE η = 68.2**
N213/N212	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.7	x: 0.053 m η = 60.1	x: 0.053 m η = 7.5	x: 0.053 m η = 1.2	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.2	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 69.2**
N212/N202	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.0	x: 0.054 m η = 62.4	x: 1.315 m η = 13.3	x: 1.315 m η = 1.7	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 77.6	η < 0.1	η < 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 77.6**
N210/N187	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.5	x: 0.091 m η = 20.7	x: 1.59 m η = 7.2	x: 0.091 m η = 0.2	η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 28.0	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 28.0**
N211/N188	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.0	x: 0.091 m η = 10.8	x: 0.091 m η = 5.9	x: 1.55 m η = 0.1	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.0	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.0**
N209/N186	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.1	x: 0.091 m η = 20.7	x: 1.63 m η = 9.3	x: 0.091 m η = 0.1	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.5	η < 0.1	η < 0.1	η = 1.0	η < 0.1	**CUMPLE η = 30.5**
N208/N185	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.1	x: 0.091 m η = 30.2	x: 1.67 m η = 11.2	x: 1.67 m η = 0.3	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 41.5	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 41.5**
N207/N184	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.6	x: 0.091 m η = 30.0	x: 1.71 m η = 13.0	x: 1.71 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 43.6	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 43.6**
N203/N180	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 34.9	x: 0.091 m η = 34.3	x: 0.091 m η = 23.5	x: 0.091 m η = 0.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.6	η < 0.1	η = 0.7	η = 1.5	η < 0.1	**CUMPLE η = 58.6**
N204/N181	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 50.9	x: 0.091 m η = 50.5	x: 1.83 m η = 17.3	x: 0.091 m η = 1.9	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 68.4	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 68.4**
N205/N182	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.3	x: 0.091 m η = 38.5	x: 1.79 m η = 16.4	x: 1.789 m η = 0.6	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 56.0	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 56.0**
N206/N183	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.5	x: 0.091 m η = 39.4	x: 1.75 m η = 14.6	x: 0.091 m η = 0.5	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 54.4	η < 0.1	η = 0.2	η = 1.1	η < 0.1	**CUMPLE η = 54.4**
N213/N191	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.4	x: 0.091 m η = 19.8	x: 1.59 m η = 6.7	x: 0.091 m η = 0.3	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 26.6	η < 0.1	η = 0.2	η = 0.6	η < 0.1	**CUMPLE η = 26.6**
N212/N190	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.8	x: 0.091 m η = 9.9	x: 0.091 m η = 5.5	x: 1.55 m η = 0.1	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η < 0.1	x: 1.55 m η = 15.4	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 15.4**
N214/N192	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.0	x: 0.091 m η = 19.8	x: 1.63 m η = 8.9	x: 1.629 m η = 0.1	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 29.0	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 29.0**
N215/N193	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 29.1	x: 0.091 m η = 29.3	x: 1.67 m η = 10.7	x: 1.67 m η = 0.3	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 40.2	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 40.2**
N216/N194	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 29.5	x: 0.091 m η = 29.2	x: 1.71 m η = 12.5	x: 1.71 m η = 0.3	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 42.1	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 42.1**
N219/N197	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 49.4	x: 0.091 m η = 49.3	x: 1.83 m η = 17.0	x: 0.091 m η = 1.0	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 66.5	η < 0.1	η = 0.1	η = 1.6	η < 0.1	**CUMPLE η = 66.5**
N218/N196	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 38.4	x: 0.091 m η = 37.8	x: 1.79 m η = 16.0	x: 1.79 m η = 0.5	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 54.4	η < 0.1	η = 0.3	η = 1.2	η < 0.1	**CUMPLE η = 54.4**
N217/N195	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 38.5	x: 0.091 m η = 38.5	x: 1.75 m η = 14.2	x: 0.091 m η = 0.3	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 52.8	η < 0.1	η = 0.1	η = 1.1	η < 0.1	**CUMPLE η = 52.8**
N220/N198	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 36.8	x: 0.091 m η = 36.1	x: 0.091 m η = 22.1	x: 0.091 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.8	η < 0.1	η = 0.6	η = 1.5	η < 0.1	**CUMPLE η = 58.8**
N211/N189	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.7	x: 0.12 m η = 11.6	x: 0.12 m η = 3.9	x: 0.12 m η = 0.4	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.6	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.6**
N210/N188	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.8	x: 0.119 m η = 15.5	x: 0.119 m η = 5.4	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.0	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 21.0**
N209/N187	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.6	x: 0.118 m η = 25.8	x: 0.118 m η = 6.1	x: 0.118 m η = 0.2	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 31.8	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 31.8**
N208/N186	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.5	x: 0.117 m η = 27.4	x: 0.117 m η = 7.4	x: 0.117 m η = 0.2	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 34.6	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 34.6**
N207/N185	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.2	x: 0.116 m η = 37.6	x: 0.116 m η = 8.0	x: 0.116 m η = 0.4	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 45.7	η < 0.1	η = 0.1	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 45.7**
N206/N184	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.6	x: 0.115 m η = 38.7	x: 0.115 m η = 9.2	x: 0.115 m η = 0.4	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.0	η < 0.1	η = 0.2	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 48.0**
N205/N183	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.1	x: 0.114 m η = 48.8	x: 0.114 m η = 10.1	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 58.8	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 58.8**
N204/N182	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 47.5	x: 0.113 m η = 48.9	x: 0.113 m η = 10.0	x: 0.113 m η = 0.7	x: 2.239 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 58.6	η < 0.1	η = 0.5	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 58.6**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N203/N181	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 59.8	x: 0.112 m η = 60.8	x: 0.112 m η = 17.0	x: 0.112 m η = 0.7	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 77.8	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 77.8**
N178/N180	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 44.8	x: 0.232 m η = 46.1	x: 0.232 m η = 14.4	x: 0.232 m η = 1.2	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 61.6	η < 0.1	η = 0.3	x: 0.232 m η = 0.6	η < 0.1	**CUMPLE η = 61.6**
N212/N189	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.4	x: 0.12 m η = 10.1	x: 0.12 m η = 3.7	x: 0.12 m η = 0.4	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.5	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.5**
N213/N190	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.7	x: 0.119 m η = 14.1	x: 0.119 m η = 5.2	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 19.4	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 19.4**
N214/N191	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.5	x: 0.118 m η = 24.4	x: 0.118 m η = 5.9	x: 0.118 m η = 0.2	x: 2.075 m η = 0.5	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 30.5	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 30.5**
N215/N192	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.4	x: 0.117 m η = 26.0	x: 0.117 m η = 7.2	x: 0.117 m η = 0.4	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 33.0	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 33.0**
N216/N193	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 36.1	x: 0.116 m η = 36.3	x: 0.116 m η = 7.8	x: 0.116 m η = 0.3	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 44.2	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 44.2**
N217/N194	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 36.5	x: 0.115 m η = 37.4	x: 0.115 m η = 9.1	x: 0.115 m η = 0.7	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 46.3	η < 0.1	η < 0.1	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 46.3**
N218/N195	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 47.0	x: 0.114 m η = 47.5	x: 0.114 m η = 9.9	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 57.1	η < 0.1	η = 0.2	x: 2.206 m η = 0.6	η < 0.1	**CUMPLE η = 57.1**
N219/N196	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 46.6	x: 0.113 m η = 47.8	x: 0.113 m η = 10.0	x: 0.113 m η = 0.8	x: 2.239 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 57.5	η < 0.1	η = 0.1	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 57.5**
N220/N197	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 58.5	x: 0.112 m η = 59.1	x: 0.112 m η = 16.0	x: 0.112 m η = 0.7	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 75.2	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 75.2**
N200/N198	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.7	x: 0.232 m η = 47.0	x: 0.232 m η = 9.6	x: 2.307 m η = 0.5	x: 2.307 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 55.9	η < 0.1	η = 0.1	x: 0.232 m η = 0.4	η < 0.1	**CUMPLE η = 55.9**
N221/N222	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.7	x: 0 m η = 14.4	x: 6.109 m η = 57.2	x: 0 m η = 10.4	η = 9.8	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 70.3	η < 0.1	η < 0.1	η = 8.1	η = 0.3	**CUMPLE η = 70.3**
N222/N223	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.9	x: 0.091 m η = 0.3	η = 12.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 40.0	η < 0.1	η = 0.3	η = 7.5	η < 0.1	**CUMPLE η = 40.0**
N223/N224	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.3	x: 1.306 m η = 6.6	x: 1.306 m η = 0.3	x: 1.306 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.1	η < 0.1	η = 0.8	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.1**
N224/N225	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.9	η = 2.8	x: 0.049 m η = 9.2	x: 1.306 m η = 0.4	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.0	η < 0.1	η = 0.8	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 12.0**
N225/N226	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.1	η = 15.2	x: 1.306 m η = 4.6	x: 1.306 m η = 0.4	x: 0.049 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 20.0	η < 0.1	η = 0.8	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 20.0**
N226/N227	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 24.8	η = 25.3	x: 1.305 m η = 6.1	x: 1.303 m η = 0.2	x: 0.049 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 31.5	η < 0.1	η = 0.6	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 31.5**
N227/N228	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 34.8	η = 35.5	x: 1.305 m η = 5.4	x: 0.05 m η = 0.1	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 41.0	η < 0.1	η = 0.4	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 41.0**
N228/N229	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 42.8	η = 43.7	x: 1.304 m η = 6.9	x: 1.302 m η = 0.1	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 50.8	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 50.8**
N229/N230	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 50.8	η = 51.9	x: 1.304 m η = 6.0	x: 0.051 m η = 0.1	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 57.9	η < 0.1	η = 0.2	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 57.9**
N230/N231	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.6	η = 57.9	x: 1.304 m η = 7.5	x: 1.304 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.5	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 65.5**
N231/N232	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 62.3	η = 63.6	x: 1.094 m η = 5.9	x: 1.303 m η = 0.3	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 69.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 69.7**
N232/N233	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 65.7	η = 67.1	x: 1.303 m η = 10.8	x: 1.303 m η = 0.5	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 78.4	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 78.4**
N233/N234	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 66.0	η = 67.5	x: 0.052 m η = 10.7	x: 0.052 m η = 0.4	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 78.6	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 78.6**
N234/N235	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 63.0	η = 64.3	x: 0.469 m η = 5.9	x: 0.052 m η = 0.2	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 70.4	η < 0.1	η = 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 70.4**
N235/N236	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.6	η = 58.9	x: 0.051 m η = 7.5	x: 0.051 m η = 0.2	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 66.4	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 66.4**
N236/N237	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 52.1	η = 53.2	x: 0.051 m η = 6.1	x: 1.302 m η = 0.1	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 59.3**
N237/N238	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.4	η = 45.4	x: 0.051 m η = 7.0	x: 1.303 m η = 0.1	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 52.4	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 52.4**
N238/N239	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 36.7	η = 37.4	x: 0.05 m η = 5.5	x: 1.305 m η = 0.2	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 43.0	η < 0.1	η = 0.3	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 43.0**
N239/N240	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.9	η = 27.5	x: 0.05 m η = 6.2	x: 0.05 m η = 0.2	x: 1.306 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 33.8	η < 0.1	η = 0.5	x: 1.306 m η = 0.5	η < 0.1	**CUMPLE η = 33.8**
N240/N241	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.3	η = 17.6	x: 0.049 m η = 4.7	x: 0.049 m η = 0.4	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.5	η < 0.1	η = 0.6	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.5**
N241/N242	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.4	η = 5.6	x: 1.306 m η = 7.8	x: 0.049 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.1	η < 0.1	η = 0.6	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 13.1**
N242/N243	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.8	η = 4.6	x: 0.049 m η = 5.1	x: 0.049 m η = 0.3	x: 1.225 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 10.0	η < 0.1	η = 0.5	x: 0.049 m η = 0.2	η < 0.1	**CUMPLE η = 10.0**
N245/N428	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.4	x: 0 m η = 7.2	x: 0 m η = 9.9	x: 0 m η = 10.1	η = 13.0	η = 0.6	η < 0.1	η < 0.1	x: 0 m η = 26.3	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 26.3**
N428/N420	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.5	x: 0 m η = 7.5	x: 2.55 m η = 41.0	x: 0 m η = 9.3	η = 11.1	η = 0.6	η < 0.1	η < 0.1	x: 2.55 m η = 51.9	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 51.9**
N420/N244	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.6	x: 0 m η = 6.9	x: 0.109 m η = 42.7	x: 0.109 m η = 4.9	η = 9.8	η = 0.4	η < 0.1	η < 0.1	x: 0.109 m η = 54.1	η < 0.1	η = 0.2	η = 5.9	η = 0.1	**CUMPLE η = 54.1**
N244/N243	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 28.9	x: 0.091 m η = 0.3	η = 8.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.2	η < 0.1	η = 0.1	η = 6.0	η < 0.1	**CUMPLE η = 29.2**
N246/N233	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.3	x: 0.091 m η = 18.8	x: 1.51 m η = 0.2	x: 1.51 m η = 0.5	η < 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.51 m η = 19.4	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 19.4**
N222/N247	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.8	x: 0.131 m η = 2.7	x: 0.131 m η = 72.6	x: 0.131 m η = 1.8	x: 0.131 m η = 12.2	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 77.2	η < 0.1	η = 1.8	x: 0.131 m η = 7.5	η = 0.1	**CUMPLE η = 77.2**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N247/N248	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 9.9	x: 0.05 m η = 10.1	x: 0.05 m η = 11.4	x: 1.305 m η = 1.4	x: 1.305 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 21.5	η < 0.1	η = 1.9	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 21.5**
N248/N249	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 19.9	x: 0.051 m η = 19.7	x: 1.305 m η = 3.4	x: 0.051 m η = 1.1	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 23.3	η < 0.1	η < 0.1	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 23.3**
N249/N250	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.1	x: 0.051 m η = 29.8	x: 1.305 m η = 7.8	x: 1.305 m η = 1.2	x: 1.305 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 38.8	η < 0.1	η = 0.2	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 38.8**
N250/N251	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 38.4	x: 0.051 m η = 37.6	x: 1.095 m η = 3.8	x: 0.051 m η = 1.2	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 43.0	η < 0.1	η = 0.2	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 43.0**
N251/N252	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 46.5	x: 0.052 m η = 45.6	x: 1.304 m η = 8.8	x: 1.304 m η = 1.3	x: 1.304 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 56.3	η < 0.1	η = 0.2	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 56.3**
N252/N253	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 52.5	x: 0.052 m η = 51.3	x: 0.052 m η = 5.6	x: 0.052 m η = 0.8	x: 0.052 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 58.6	η < 0.1	η = 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 58.6**
N253/N254	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.2	x: 0.053 m η = 56.9	x: 1.303 m η = 9.6	x: 1.303 m η = 0.9	x: 1.303 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 68.4	η < 0.1	η < 0.1	x: 1.303 m η = 1.0	η < 0.1	**CUMPLE η = 68.4**
N254/N255	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 61.7	x: 0.053 m η = 60.1	x: 0.053 m η = 7.4	x: 0.053 m η = 1.1	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.9	η < 0.1	η = 0.2	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 69.9**
N255/N246	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.4	x: 0.054 m η = 62.7	x: 1.315 m η = 13.5	x: 1.315 m η = 1.6	x: 1.315 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 79.2	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 79.2**
N244/N264	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.6	x: 0.131 m η = 0.1	x: 0.131 m η = 59.8	x: 0.131 m η = 2.9	x: 1.306 m η = 10.1	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 63.3	η < 0.1	η = 1.4	x: 0.131 m η = 6.2	η = 0.2	**CUMPLE η = 63.3**
N264/N263	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.3	x: 0.05 m η = 12.0	x: 0.05 m η = 8.8	x: 1.305 m η = 2.6	x: 0.05 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 20.6	η < 0.1	η = 1.4	x: 1.305 m η = 0.4	η = 0.2	**CUMPLE η = 20.6**
N263/N262	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 22.1	x: 0.051 m η = 21.5	x: 1.305 m η = 3.4	x: 0.051 m η = 1.6	x: 0.051 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 25.5	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 25.5**
N262/N261	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 32.1	x: 0.051 m η = 31.3	x: 1.305 m η = 8.0	x: 1.305 m η = 2.0	x: 1.305 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 41.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 41.2**
N261/N260	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 40.0	x: 0.051 m η = 39.0	x: 0.051 m η = 3.9	x: 0.051 m η = 1.6	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 44.4	η < 0.1	η = 0.2	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.4**
N260/N259	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.8	x: 0.052 m η = 46.7	x: 1.304 m η = 8.8	x: 1.304 m η = 1.7	x: 1.304 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 57.2	η < 0.1	η = 0.2	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 57.2**
N259/N258	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.5	x: 0.052 m η = 52.1	x: 0.052 m η = 5.7	x: 0.052 m η = 1.3	x: 0.052 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 59.2	η < 0.1	η = 0.1	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 59.2**
N258/N257	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 58.9	x: 0.053 m η = 57.5	x: 1.303 m η = 9.6	x: 1.303 m η = 1.5	x: 1.303 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 68.5	η < 0.1	η < 0.1	x: 1.303 m η = 0.9	η = 0.2	**CUMPLE η = 68.5**
N257/N256	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 62.1	x: 0.053 m η = 60.4	x: 0.053 m η = 7.5	x: 0.053 m η = 1.3	x: 0.053 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 69.6	η < 0.1	η = 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 69.6**
N256/N246	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 64.4	x: 0.054 m η = 62.7	x: 1.315 m η = 13.4	x: 1.315 m η = 1.9	x: 1.315 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 78.2	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 78.2**
N254/N231	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.6	x: 0.091 m η = 20.9	x: 1.59 m η = 7.3	x: 0.091 m η = 0.1	η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 28.1	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 28.1**
N255/N232	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.1	x: 0.091 m η = 10.9	x: 0.091 m η = 6.0	x: 1.549 m η = 0.1	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.2	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.2**
N253/N230	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.3	x: 0.091 m η = 20.9	x: 1.63 m η = 9.4	x: 0.091 m η = 0.2	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.7	η < 0.1	η < 0.1	η = 1.0	η < 0.1	**CUMPLE η = 30.7**
N252/N229	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.4	x: 0.091 m η = 30.4	x: 1.67 m η = 11.3	x: 0.091 m η = 0.4	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 41.7	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 41.7**
N251/N228	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.8	x: 0.091 m η = 30.2	x: 1.71 m η = 13.1	x: 1.71 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 44.0	η < 0.1	η = 0.1	η = 1.0	η < 0.1	**CUMPLE η = 44.0**
N247/N224	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 35.1	x: 0.091 m η = 34.5	x: 0.091 m η = 23.7	x: 0.091 m η = 0.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.9	η < 0.1	η = 0.8	η = 1.5	η < 0.1	**CUMPLE η = 58.9**
N248/N225	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 51.3	x: 0.091 m η = 50.9	x: 1.83 m η = 17.4	x: 0.091 m η = 2.0	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 68.9	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 68.9**
N249/N226	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.5	x: 0.091 m η = 38.8	x: 1.79 m η = 16.5	x: 1.789 m η = 0.7	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.3	η < 0.1	η = 0.4	η = 1.2	η < 0.1	**CUMPLE η = 56.3**
N250/N227	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.8	x: 0.091 m η = 39.6	x: 1.75 m η = 14.7	x: 1.75 m η = 0.6	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 54.6	η < 0.1	η = 0.2	η = 1.1	η < 0.1	**CUMPLE η = 54.6**
N257/N235	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 19.5	x: 0.091 m η = 20.0	x: 1.59 m η = 6.8	x: 0.091 m η = 0.2	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 26.8	η < 0.1	η = 0.2	η = 0.6	η < 0.1	**CUMPLE η = 26.8**
N256/N234	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.9	x: 0.091 m η = 10.0	x: 0.091 m η = 5.5	x: 1.55 m η = 0.2	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 15.6	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 15.6**
N258/N236	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.1	x: 0.091 m η = 20.0	x: 1.63 m η = 8.9	x: 1.629 m η = 0.2	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 29.0	η < 0.1	η = 0.1	η = 0.7	η < 0.1	**CUMPLE η = 29.0**
N259/N237	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 29.2	x: 0.091 m η = 29.6	x: 1.67 m η = 10.8	x: 0.091 m η = 0.3	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 40.4	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 40.4**
N260/N238	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 29.7	x: 0.091 m η = 29.4	x: 1.71 m η = 12.6	x: 1.71 m η = 0.4	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 42.4	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 42.4**
N263/N241	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 49.7	x: 0.091 m η = 49.7	x: 1.83 m η = 17.1	x: 0.091 m η = 1.4	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 67.1	η < 0.1	η = 0.2	η = 1.7	η = 0.1	**CUMPLE η = 67.1**
N262/N240	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 38.6	x: 0.091 m η = 38.0	x: 1.79 m η = 16.1	x: 1.79 m η = 0.6	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 54.7	η < 0.1	η = 0.4	η = 1.2	η < 0.1	**CUMPLE η = 54.7**
N261/N239	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 38.7	x: 0.091 m η = 38.8	x: 1.75 m η = 14.3	x: 1.75 m η = 0.4	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 53.3	η < 0.1	η = 0.1	η = 1.1	η < 0.1	**CUMPLE η = 53.3**
N264/N242	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 37.1	x: 0.091 m η = 36.4	x: 0.091 m η = 22.2	x: 0.091 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 59.3	η < 0.1	η = 0.7	η = 1.5	η < 0.1	**CUMPLE η = 59.3**
N255/N233	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.8	x: 0.12 m η = 11.8	x: 0.12 m η = 3.9	x: 0.12 m η = 0.5	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.9	η < 0.1	η = 0.2	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.9**
N254/N232	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 15.0	x: 0.119 m η = 15.7	x: 0.119 m η = 5.5	x: 2.042 m η = 0.3	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.1	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 21.1**
N253/N231	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.8	x: 0.118 m η = 26.0	x: 0.118 m η = 6.1	x: 0.118 m η = 0.1	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 32.0	η < 0.1	η = 0.1	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 32.0**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N252/N230	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.7	x: 0.117 m η = 27.6	x: 0.117 m η = 7.5	x: 0.117 m η = 0.4	x: 2.107 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 35.1	η < 0.1	η = 0.2	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 35.1**
N251/N229	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.5	x: 0.116 m η = 37.9	x: 0.116 m η = 8.1	x: 0.116 m η = 0.3	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 46.1	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 46.1**
N250/N228	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.9	x: 0.115 m η = 39.0	x: 0.115 m η = 9.3	x: 0.115 m η = 0.2	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.2	η < 0.1	η = 0.2	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 48.2**
N249/N227	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.4	x: 0.114 m η = 49.1	x: 0.114 m η = 10.1	x: 0.114 m η = 0.3	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 59.2	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 59.2**
N248/N226	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 47.8	x: 0.113 m η = 49.1	x: 0.113 m η = 10.0	x: 0.113 m η = 0.8	x: 2.239 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 58.9	η < 0.1	η = 0.5	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 58.9**
N247/N225	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 60.2	x: 0.112 m η = 61.2	x: 0.112 m η = 17.1	x: 0.112 m η = 0.8	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 78.3	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 78.3**
N222/N224	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.1	x: 0.232 m η = 46.4	x: 0.232 m η = 14.6	x: 0.232 m η = 1.2	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 62.2	η < 0.1	η = 0.3	x: 0.232 m η = 0.7	η < 0.1	**CUMPLE η = 62.2**
N256/N233	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.5	x: 0.12 m η = 10.1	x: 0.12 m η = 3.7	x: 0.12 m η = 0.5	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.7	η < 0.1	η = 0.3	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.7**
N257/N234	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 13.8	x: 0.119 m η = 14.1	x: 0.119 m η = 5.2	x: 0.119 m η = 0.5	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 19.5	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 19.5**
N258/N235	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 24.6	x: 0.118 m η = 24.5	x: 0.118 m η = 5.9	x: 0.118 m η = 0.2	x: 2.075 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 30.7	η < 0.1	η = 0.2	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 30.7**
N259/N236	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 25.5	x: 0.117 m η = 26.1	x: 0.117 m η = 7.3	x: 0.117 m η = 0.7	x: 2.107 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 33.5	η < 0.1	η = 0.1	x: 0.117 m η = 0.6	η < 0.1	**CUMPLE η = 33.5**
N260/N237	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 36.4	x: 0.116 m η = 36.5	x: 0.116 m η = 7.9	x: 0.116 m η = 0.3	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 44.6	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 44.6**
N261/N238	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 36.8	x: 0.115 m η = 37.7	x: 0.115 m η = 9.1	x: 0.115 m η = 0.6	x: 2.173 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 46.5	η < 0.1	η = 0.1	x: 0.115 m η = 0.8	η < 0.1	**CUMPLE η = 46.5**
N262/N239	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 47.3	x: 0.114 m η = 47.7	x: 0.114 m η = 9.9	x: 0.114 m η = 0.3	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 57.5	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 57.5**
N263/N240	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 46.9	x: 0.113 m η = 48.0	x: 0.113 m η = 10.1	x: 0.113 m η = 1.0	x: 2.239 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 57.9	η < 0.1	η = 0.2	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 57.9**
N264/N241	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 58.9	x: 0.112 m η = 59.5	x: 0.112 m η = 16.1	x: 0.112 m η = 0.8	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 75.8	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 75.8**
N244/N242	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 46.1	x: 0.232 m η = 47.4	x: 0.232 m η = 9.8	x: 0.232 m η = 0.5	x: 2.307 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 56.3	η < 0.1	η = 0.2	x: 0.232 m η = 0.4	η < 0.1	**CUMPLE η = 56.3**
N265/N266	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.8	x: 0 m η = 14.6	x: 6.109 m η = 57.3	x: 0 m η = 10.2	η = 9.8	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 70.7	η < 0.1	η = 0.1	η = 5.9	η < 0.1	**CUMPLE η = 70.7**
N266/N267	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 39.9	x: 0.091 m η = 0.2	η = 12.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 40.1	η < 0.1	η = 0.4	η = 7.5	η < 0.1	**CUMPLE η = 40.1**
N267/N268	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.4	η = 6.3	x: 1.306 m η = 6.6	x: 1.306 m η = 0.3	x: 1.306 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.4	η < 0.1	η = 0.8	x: 1.306 m η = 0.7	η < 0.1	**CUMPLE η = 13.4**
N268/N269	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.1	η = 2.9	x: 0.049 m η = 9.2	x: 1.306 m η = 0.5	x: 0.049 m η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.3	η < 0.1	η = 0.6	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 12.3**
N269/N270	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.4	η = 15.5	x: 1.306 m η = 4.7	x: 0.049 m η = 0.4	x: 0.049 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 20.6	η < 0.1	η = 0.6	x: 0.049 m η = 0.4	η < 0.1	**CUMPLE η = 20.6**
N270/N271	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 25.4	η = 25.8	x: 1.305 m η = 6.2	x: 1.305 m η = 0.3	x: 0.049 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 32.0	η < 0.1	η = 0.5	x: 0.049 m η = 0.6	η < 0.1	**CUMPLE η = 32.0**
N271/N272	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 35.6	η = 36.2	x: 1.305 m η = 5.5	x: 0.05 m η = 0.1	x: 0.05 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 41.8	η < 0.1	η = 0.4	x: 0.05 m η = 0.4	η < 0.1	**CUMPLE η = 41.8**
N272/N273	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 43.7	η = 44.6	x: 1.304 m η = 7.0	x: 1.304 m η = 0.2	x: 0.05 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 51.8	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 51.8**
N273/N274	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 51.8	η = 52.9	x: 1.304 m η = 6.1	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 59.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 59.2**
N274/N275	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 57.7	η = 59.1	x: 1.304 m η = 7.7	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 66.8	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 66.8**
N275/N276	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 63.5	η = 64.9	x: 1.094 m η = 6.1	x: 1.303 m η = 0.3	x: 0.051 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 1.301 m η = 71.2	η < 0.1	η = 0.2	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 71.2**
N276/N277	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 66.9	η = 68.5	x: 1.303 m η = 10.9	x: 1.303 m η = 0.7	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 80.1	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 80.1**
N277/N278	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 67.1	η = 68.8	x: 0.052 m η = 10.8	x: 0.052 m η = 0.8	x: 1.303 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 80.3	η < 0.1	η = 0.2	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 80.3**
N278/N279	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 64.0	η = 65.5	x: 0.469 m η = 6.1	x: 0.052 m η = 0.2	x: 1.304 m η = 0.1	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 71.7	η < 0.1	η = 0.1	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 71.7**
N279/N280	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 58.5	η = 59.9	x: 0.051 m η = 7.7	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 67.6	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 67.6**
N280/N281	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 52.8	η = 54.0	x: 0.051 m η = 6.2	x: 1.304 m η = 0.2	x: 1.304 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 60.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 60.3**
N281/N282	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 44.9	η = 46.0	x: 0.051 m η = 7.0	x: 0.051 m η = 0.3	x: 1.305 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 53.3	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 53.3**
N282/N283	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 37.0	η = 37.9	x: 0.05 m η = 5.6	x: 1.305 m η = 0.4	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 43.5	η < 0.1	η = 0.2	x: 1.305 m η = 0.4	η < 0.1	**CUMPLE η = 43.5**
N283/N284	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 26.9	η = 27.7	x: 0.05 m η = 6.3	x: 1.306 m η = 0.4	x: 1.306 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 34.1	η < 0.1	η = 0.4	x: 1.306 m η = 0.6	η < 0.1	**CUMPLE η = 34.1**
N284/N285	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 17.1	η = 17.5	x: 0.049 m η = 4.7	x: 0.259 m η = 0.5	x: 1.306 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 22.7	η < 0.1	η = 0.4	x: 1.306 m η = 0.4	η < 0.1	**CUMPLE η = 22.7**
N285/N286	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.0	η = 5.3	x: 1.306 m η = 8.1	x: 0.049 m η = 0.6	x: 0.049 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 13.2	η < 0.1	η = 0.6	x: 1.306 m η = 1.2	η < 0.1	**CUMPLE η = 13.2**
N286/N287	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 4.9	x: 0.049 m η = 5.4	x: 0.049 m η = 0.3	x: 1.225 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 10.6	η < 0.1	η = 0.4	x: 0.049 m η = 0.3	η < 0.1	**CUMPLE η = 10.6**
N289/N429	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 6.5	x: 0 m η = 7.3	x: 0 m η = 12.5	x: 0 m η = 11.4	η = 13.7	η = 0.7	η < 0.1	η < 0.1	x: 0 m η = 30.1	η < 0.1	η = 0.1	η = 5.8	η = 0.6	**CUMPLE η = 30.1**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N429/N421	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.6	x: 0 m η = 7.6	x: 2.55 m η = 43.0	x: 0 m η = 10.5	η = 12.1	η = 0.7	η < 0.1	η < 0.1	x: 2.55 m η = 54.3	η < 0.1	η = 0.1	η = 7.4	η = 0.6	**CUMPLE η = 54.3**
N421/N288	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.7	x: 0 m η = 7.0	x: 0.109 m η = 45.0	x: 0.109 m η = 5.5	η = 10.8	η = 0.6	η < 0.1	η < 0.1	x: 0.109 m η = 56.9	η < 0.1	η = 0.1	η = 8.9	η = 0.5	**CUMPLE η = 56.9**
N288/N287	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 30.7	x: 0.091 m η = 0.2	η = 9.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 31.0	η < 0.1	η = 0.4	η = 5.5	η < 0.1	**CUMPLE η = 31.0**
N290/N277	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 18.5	x: 0.091 m η = 18.9	x: 1.51 m η = 0.2	x: 0.091 m η = 1.9	η < 0.1	η = 0.2	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 21.0	η < 0.1	η = 0.5	η < 0.1	η = 0.1	**CUMPLE η = 21.0**
N266/N291	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 2.6	x: 0.131 m η = 2.6	x: 0.131 m η = 73.0	x: 0.131 m η = 2.1	x: 0.131 m η = 12.3	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 76.7	η < 0.1	η = 1.3	x: 0.131 m η = 7.5	η = 0.1	**CUMPLE η = 76.7**
N291/N292	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 10.1	x: 0.05 m η = 10.3	x: 0.05 m η = 11.5	x: 1.305 m η = 1.6	x: 1.305 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 21.8	η < 0.1	η = 1.4	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 21.8**
N292/N293	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 20.3	x: 0.051 m η = 20.1	x: 1.305 m η = 3.5	x: 0.051 m η = 1.6	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 23.8	η < 0.1	η = 0.6	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 23.8**
N293/N294	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 30.7	x: 0.051 m η = 30.4	x: 1.305 m η = 8.1	x: 1.305 m η = 1.4	x: 1.305 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 39.7	η < 0.1	η = 0.9	x: 0.051 m η = 0.7	η = 0.1	**CUMPLE η = 39.7**
N294/N295	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 39.1	x: 0.051 m η = 38.3	x: 1.095 m η = 3.9	x: 0.051 m η = 2.6	x: 0.051 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 44.6	η < 0.1	η = 0.7	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 44.6**
N295/N296	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 47.3	x: 0.052 m η = 46.4	x: 1.304 m η = 8.9	x: 1.304 m η = 2.3	x: 1.304 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 57.4	η < 0.1	η = 0.5	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 57.4**
N296/N297	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 53.4	x: 0.052 m η = 52.1	x: 0.052 m η = 5.7	x: 0.052 m η = 2.1	x: 0.052 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 59.7	η < 0.1	η = 0.4	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 59.7**
N297/N298	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 59.3	x: 0.053 m η = 57.9	x: 1.303 m η = 9.9	x: 1.303 m η = 2.1	x: 1.303 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 69.7	η < 0.1	η = 0.6	x: 0.053 m η = 0.7	η = 0.1	**CUMPLE η = 69.7**
N298/N299	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 62.8	x: 0.053 m η = 61.0	x: 0.053 m η = 7.6	x: 0.053 m η = 2.4	x: 0.053 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 71.0	η < 0.1	η = 0.6	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 71.0**
N299/N290	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 65.4	x: 0.054 m η = 63.6	x: 1.315 m η = 13.6	x: 1.315 m η = 1.9	x: 1.315 m η = 1.6	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 79.1	η < 0.1	η = 0.6	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 79.1**
N288/N308	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 1.4	x: 0.131 m η = 0.7	x: 0.131 m η = 62.2	x: 0.131 m η = 4.9	x: 1.306 m η = 10.5	η = 0.7	η < 0.1	η < 0.1	x: 0.131 m η = 68.3	η < 0.1	η = 0.9	x: 0.131 m η = 6.5	η = 0.3	**CUMPLE η = 68.3**
N308/N307	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 11.8	x: 0.05 m η = 11.3	x: 0.05 m η = 9.2	x: 1.305 m η = 4.3	x: 0.05 m η = 0.7	η = 0.7	η < 0.1	η < 0.1	x: 0.05 m η = 20.7	η < 0.1	η = 1.0	x: 1.305 m η = 0.5	η = 0.3	**CUMPLE η = 20.7**
N307/N306	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 21.8	x: 0.051 m η = 21.1	x: 1.305 m η = 3.4	x: 0.051 m η = 3.0	x: 0.051 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 1.305 m η = 25.4	η < 0.1	η = 0.6	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 25.4**
N306/N305	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 32.1	x: 0.051 m η = 31.1	x: 1.305 m η = 8.1	x: 1.305 m η = 3.5	x: 1.305 m η = 1.2	η = 0.5	η < 0.1	η < 0.1	x: 1.305 m η = 42.7	η < 0.1	η = 0.6	x: 0.051 m η = 0.7	η = 0.2	**CUMPLE η = 42.7**
N305/N304	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 40.2	x: 0.051 m η = 39.0	x: 0.051 m η = 4.0	x: 0.051 m η = 2.8	x: 0.051 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 45.7	η < 0.1	η = 0.5	x: 0.051 m η = 0.1	η = 0.2	**CUMPLE η = 45.7**
N304/N303	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 48.2	x: 0.052 m η = 46.9	x: 1.304 m η = 8.9	x: 1.304 m η = 3.1	x: 1.304 m η = 1.2	η = 0.5	η < 0.1	η < 0.1	x: 1.304 m η = 58.9	η < 0.1	η = 0.6	x: 0.052 m η = 0.7	η = 0.2	**CUMPLE η = 58.9**
N303/N302	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 54.1	x: 0.052 m η = 52.5	x: 0.052 m η = 5.7	x: 0.052 m η = 3.1	x: 0.052 m η = 0.3	η = 0.5	η < 0.1	η < 0.1	x: 0.052 m η = 61.4	η < 0.1	η = 0.6	x: 1.303 m η = 0.1	η = 0.2	**CUMPLE η = 61.4**
N302/N301	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 59.7	x: 0.053 m η = 58.1	x: 1.303 m η = 9.8	x: 1.303 m η = 3.2	x: 1.303 m η = 1.1	η = 0.5	η < 0.1	η < 0.1	x: 1.303 m η = 71.2	η < 0.1	η = 0.5	x: 0.053 m η = 0.7	η = 0.2	**CUMPLE η = 71.2**
N301/N300	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 63.0	x: 0.053 m η = 61.2	x: 0.053 m η = 7.7	x: 0.053 m η = 2.8	x: 0.053 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.053 m η = 72.0	η < 0.1	η = 0.4	x: 1.302 m η = 0.4	η = 0.2	**CUMPLE η = 72.0**
N300/N290	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 65.4	x: 0.054 m η = 63.5	x: 1.315 m η = 13.6	x: 1.315 m η = 3.6	x: 1.315 m η = 1.6	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 81.0	η < 0.1	η = 0.6	x: 0.054 m η = 0.9	η = 0.3	**CUMPLE η = 81.0**
N298/N275	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 21.2	x: 0.091 m η = 21.3	x: 1.59 m η = 7.4	x: 0.091 m η = 1.3	η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.6	η < 0.1	η = 0.4	η = 0.6	η = 0.1	**CUMPLE η = 29.6**
N299/N276	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 11.1	x: 0.091 m η = 10.8	x: 0.091 m η = 6.0	x: 0.091 m η = 0.2	η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 17.3	η < 0.1	η = 0.2	η = 0.5	η < 0.1	**CUMPLE η = 17.3**
N297/N274	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 21.8	x: 0.091 m η = 21.3	x: 1.63 m η = 9.6	x: 0.091 m η = 0.3	η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 31.7	η < 0.1	η = 0.1	η = 0.8	η < 0.1	**CUMPLE η = 31.7**
N296/N273	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.9	x: 0.091 m η = 30.9	x: 1.67 m η = 11.5	x: 0.091 m η = 0.8	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 42.9	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 42.9**
N295/N272	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 31.4	x: 0.091 m η = 30.7	x: 1.71 m η = 13.3	x: 1.71 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 44.8	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 44.8**
N291/N268	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 35.6	x: 0.091 m η = 35.1	x: 0.091 m η = 23.9	x: 0.091 m η = 0.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 60.0	η < 0.1	η = 0.5	η = 2.1	η < 0.1	**CUMPLE η = 60.0**
N292/N269	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 51.9	x: 0.091 m η = 51.5	x: 1.83 m η = 17.7	x: 0.091 m η = 1.9	η = 2.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.3	η < 0.1	η = 0.7	η = 1.3	η < 0.1	**CUMPLE η = 70.3**
N293/N270	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 40.4	x: 0.091 m η = 39.6	x: 1.79 m η = 16.9	x: 0.091 m η = 0.8	η = 2.1	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 57.8	η < 0.1	η = 0.3	η = 1.3	η < 0.1	**CUMPLE η = 57.8**
N294/N271	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 40.6	x: 0.091 m η = 40.4	x: 1.75 m η = 15.0	x: 0.091 m η = 1.5	η = 1.9	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.4	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 56.4**
N301/N279	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 20.2	x: 0.091 m η = 20.7	x: 1.59 m η = 7.0	x: 0.091 m η = 1.0	η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.4	η < 0.1	η = 0.4	η = 0.6	η = 0.1	**CUMPLE η = 28.4**
N300/N278	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 10.2	x: 0.091 m η = 10.2	x: 0.091 m η = 5.6	x: 1.55 m η = 0.4	η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 16.1	η < 0.1	η = 0.3	η = 0.5	η < 0.1	**CUMPLE η = 16.1**
N302/N280	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 20.8	x: 0.091 m η = 20.6	x: 1.63 m η = 9.2	x: 1.63 m η = 0.1	η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 30.2	η < 0.1	η = 0.3	η = 0.8	η < 0.1	**CUMPLE η = 30.2**
N303/N281	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 30.0	x: 0.091 m η = 30.2	x: 1.67 m η = 11.1	x: 0.091 m η = 1.0	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 41.9	η < 0.1	η = 0.5	η = 0.9	η < 0.1	**CUMPLE η = 41.9**
N304/N282	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 30.4	x: 0.091 m η = 30.0	x: 1.71 m η = 12.9	x: 1.71 m η = 0.5	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 43.4	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 43.4**
N307/N285	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 50.6	x: 0.091 m η = 50.5	x: 1.83 m η = 17.4	x: 0.091 m η = 1.8	η = 2.0	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 68.9	η < 0.1	η = 0.5	η = 1.3	η < 0.1	**CUMPLE η = 68.9**
N306/N284	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 39.6	x: 0.091 m η = 38.9	x: 1.79 m η = 16.5	x: 1.789 m η = 0.5	η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 56.3	η < 0.1	η = 0.5	η = 1.2	η < 0.1	**CUMPLE η = 56.3**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N305/N283	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 39.7	x: 0.091 m η = 39.7	x: 1.75 m η = 14.6	x: 0.091 m η = 1.2	η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 55.0	η < 0.1	η = 0.4	η = 1.1	η < 0.1	**CUMPLE η = 55.0**
N308/N286	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 37.4	x: 0.091 m η = 36.5	x: 0.091 m η = 22.6	x: 0.091 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 60.3	η < 0.1	η = 0.7	η = 1.5	η < 0.1	**CUMPLE η = 60.3**
N299/N277	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 11.7	x: 0.12 m η = 11.8	x: 0.12 m η = 3.9	x: 2.01 m η = 0.5	x: 2.01 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 16.0	η < 0.1	η = 0.1	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 16.0**
N298/N276	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 15.0	x: 0.119 m η = 15.8	x: 0.119 m η = 5.5	x: 0.119 m η = 0.4	x: 2.042 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.4	η < 0.1	η = 0.5	x: 2.042 m η = 0.3	η < 0.1	**CUMPLE η = 21.4**
N297/N275	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 26.3	x: 0.118 m η = 26.7	x: 0.118 m η = 6.2	x: 0.118 m η = 0.5	x: 2.075 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 33.0	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 33.0**
N296/N274	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 27.2	x: 0.117 m η = 28.3	x: 0.117 m η = 7.6	x: 0.117 m η = 1.1	x: 2.107 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 36.4	η < 0.1	η = 0.2	x: 2.107 m η = 0.5	η < 0.1	**CUMPLE η = 36.4**
N295/N273	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 38.0	x: 0.116 m η = 38.7	x: 0.116 m η = 8.2	x: 0.116 m η = 0.7	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 46.9	η < 0.1	η = 0.1	x: 0.116 m η = 0.7	η < 0.1	**CUMPLE η = 46.9**
N294/N272	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 38.4	x: 0.115 m η = 39.7	x: 0.115 m η = 9.5	x: 2.173 m η = 0.2	x: 2.173 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 49.0	η < 0.1	η = 0.6	x: 2.173 m η = 0.6	η < 0.1	**CUMPLE η = 49.0**
N293/N271	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 49.4	x: 0.114 m η = 50.1	x: 0.114 m η = 10.3	x: 0.114 m η = 0.2	x: 2.206 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 60.3	η < 0.1	η = 0.3	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 60.3**
N292/N270	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 48.8	x: 0.113 m η = 50.2	x: 0.113 m η = 10.2	x: 0.113 m η = 1.1	x: 2.239 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 61.2	η < 0.1	η = 0.6	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 61.2**
N291/N269	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 61.0	x: 0.112 m η = 62.0	x: 0.112 m η = 17.3	x: 0.112 m η = 0.4	x: 2.273 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 79.6	η < 0.1	η = 0.3	x: 0.112 m η = 1.4	η < 0.1	**CUMPLE η = 79.6**
N266/N268	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 45.8	x: 0.232 m η = 47.0	x: 0.232 m η = 14.5	x: 0.232 m η = 1.9	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 62.1	η < 0.1	η = 0.5	x: 0.232 m η = 0.7	η < 0.1	**CUMPLE η = 62.1**
N300/N277	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.8	x: 0.12 m η = 10.4	x: 0.12 m η = 3.8	x: 0.12 m η = 0.8	x: 2.01 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 15.3	η < 0.1	η = 0.3	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 15.3**
N301/N278	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 14.1	x: 0.119 m η = 14.5	x: 0.119 m η = 5.4	x: 0.119 m η = 1.7	x: 2.042 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 21.1	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η = 0.1	**CUMPLE η = 21.1**
N302/N279	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 25.5	x: 0.118 m η = 25.4	x: 0.118 m η = 6.1	x: 0.118 m η = 0.7	x: 2.075 m η = 0.6	η = 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 32.2	η < 0.1	η = 0.3	x: 2.075 m η = 0.4	η < 0.1	**CUMPLE η = 32.2**
N303/N280	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 26.4	x: 0.117 m η = 27.0	x: 0.117 m η = 7.4	x: 0.117 m η = 0.6	x: 2.107 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 34.4	η < 0.1	η = 0.4	x: 2.107 m η = 0.5	η < 0.1	**CUMPLE η = 34.4**
N304/N281	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 37.2	x: 0.116 m η = 37.4	x: 0.116 m η = 8.0	x: 0.116 m η = 0.4	x: 2.14 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 45.6	η < 0.1	η = 0.2	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 45.6**
N305/N282	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 37.6	x: 0.115 m η = 38.6	x: 0.115 m η = 9.3	x: 0.115 m η = 1.8	x: 2.173 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 48.5	η < 0.1	η = 0.1	x: 2.173 m η = 0.6	η = 0.1	**CUMPLE η = 48.5**
N306/N283	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 48.5	x: 0.114 m η = 49.0	x: 0.114 m η = 10.2	x: 0.114 m η = 0.8	x: 2.206 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 59.5	η < 0.1	η = 0.4	x: 2.206 m η = 0.7	η < 0.1	**CUMPLE η = 59.5**
N307/N284	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 48.0	x: 0.113 m η = 49.2	x: 0.113 m η = 10.2	x: 0.113 m η = 0.8	x: 2.239 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 59.7	η < 0.1	η = 0.4	x: 2.239 m η = 0.7	η < 0.1	**CUMPLE η = 59.7**
N308/N285	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 59.8	x: 0.112 m η = 60.5	x: 0.112 m η = 16.5	x: 0.112 m η = 0.9	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 77.2	η < 0.1	η = 0.4	x: 2.273 m η = 1.0	η < 0.1	**CUMPLE η = 77.2**
N288/N286	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 46.4	x: 0.232 m η = 47.9	x: 0.232 m η = 10.5	x: 0.232 m η = 1.8	x: 2.307 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 59.1	η < 0.1	η = 0.5	x: 0.232 m η = 0.5	η = 0.1	**CUMPLE η = 59.1**
N309/N310	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.108 m η = 6.0	x: 0 m η = 13.4	x: 6.109 m η = 40.3	x: 0 m η = 9.2	η = 6.7	η = 0.3	η < 0.1	η < 0.1	x: 6.109 m η = 52.8	η < 0.1	η = 0.2	η = 4.0	η < 0.1	**CUMPLE η = 52.8**
N310/N311	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.1	x: 0.091 m η = 26.9	x: 0.091 m η = 0.7	η = 8.2	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 27.6	η < 0.1	η = 0.5	η = 4.9	η < 0.1	**CUMPLE η = 27.6**
N311/N312	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 3.9	x: 1.306 m η = 4.8	x: 1.306 m η = 0.3	x: 1.306 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 9.0	η < 0.1	η = 2.4	x: 1.306 m η = 0.2	η < 0.1	**CUMPLE η = 9.0**
N312/N313	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.6	η = 4.6	x: 0.049 m η = 7.4	x: 1.306 m η = 1.2	x: 0.049 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.6	η < 0.1	η = 2.7	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 12.6**
N313/N314	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.4	η = 15.9	x: 1.306 m η = 4.1	x: 0.049 m η = 1.6	x: 0.049 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.306 m η = 20.3	η < 0.1	η = 2.5	x: 0.049 m η = 0.3	η = 0.1	**CUMPLE η = 20.3**
N314/N315	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 23.5	η = 24.6	x: 1.305 m η = 5.0	x: 1.305 m η = 1.7	x: 0.049 m η = 0.7	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 31.1	η < 0.1	η = 2.6	x: 0.049 m η = 0.5	η = 0.2	**CUMPLE η = 31.1**
N315/N316	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 31.9	η = 33.3	x: 1.305 m η = 4.6	x: 1.305 m η = 1.6	x: 0.05 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 39.3	η < 0.1	η = 3.0	x: 0.05 m η = 0.3	η < 0.1	**CUMPLE η = 39.3**
N316/N317	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 38.7	η = 40.5	x: 1.304 m η = 6.3	x: 0.05 m η = 0.5	x: 0.05 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 46.8	η < 0.1	η = 2.9	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 46.8**
N317/N318	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 45.5	η = 47.4	x: 1.304 m η = 4.9	x: 1.304 m η = 0.6	x: 0.051 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 52.9	η < 0.1	η = 2.0	x: 0.051 m η = 0.2	η = 0.1	**CUMPLE η = 52.9**
N318/N319	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 49.9	η = 52.0	x: 1.304 m η = 5.6	x: 1.304 m η = 2.0	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.6	η < 0.1	η = 1.5	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 59.6**
N319/N320	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 54.1	η = 56.3	x: 1.094 m η = 4.6	x: 0.051 m η = 2.0	x: 0.051 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.677 m η = 62.7	η < 0.1	η = 1.5	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 62.7**
N320/N321	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.7	η = 59.1	x: 1.303 m η = 8.2	x: 0.052 m η = 1.0	x: 0.052 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 67.2	η < 0.1	η = 0.9	x: 0.052 m η = 0.4	η = 0.1	**CUMPLE η = 67.2**
N321/N322	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 56.6	η = 59.1	x: 0.052 m η = 8.3	x: 1.303 m η = 0.8	x: 0.052 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 67.1	η < 0.1	η = 0.8	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 67.1**
N322/N323	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 53.8	η = 56.2	x: 0.261 m η = 4.6	x: 1.304 m η = 1.9	x: 1.304 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.678 m η = 62.2	η < 0.1	η = 1.4	x: 1.304 m η = 0.1	η < 0.1	**CUMPLE η = 62.2**
N323/N324	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 49.5	η = 51.7	x: 0.051 m η = 5.6	x: 0.051 m η = 2.1	x: 1.304 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 59.2	η < 0.1	η = 1.2	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 59.2**
N324/N325	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 45.0	η = 47.0	x: 0.051 m η = 4.9	x: 1.304 m η = 0.7	x: 1.304 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 52.2	η < 0.1	η = 1.9	x: 1.304 m η = 0.2	η = 0.1	**CUMPLE η = 52.2**
N325/N326	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 38.1	η = 40.0	x: 0.051 m η = 6.2	x: 1.305 m η = 0.6	x: 1.305 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 46.2	η < 0.1	η = 2.8	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 46.2**
N326/N327	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 31.1	η = 32.7	x: 0.05 m η = 4.5	x: 0.05 m η = 1.6	x: 1.305 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 38.6	η < 0.1	η = 3.0	x: 1.305 m η = 0.3	η < 0.1	**CUMPLE η = 38.6**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N327/N328	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 22.6	η = 24.0	x: 0.05 m η = 4.9	x: 0.05 m η = 2.1	x: 1.306 m η = 0.7	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 30.7	η < 0.1	η = 2.5	x: 1.306 m η = 0.5	η = 0.2	**CUMPLE η = 30.7**
N328/N329	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.2	η = 15.3	x: 0.049 m η = 4.1	x: 1.306 m η = 1.8	x: 1.306 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.049 m η = 19.6	η < 0.1	η = 2.5	x: 1.306 m η = 0.4	η = 0.1	**CUMPLE η = 19.6**
N329/N330	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.2	η = 4.0	x: 1.306 m η = 8.3	x: 0.049 m η = 1.3	x: 0.049 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 12.7	η < 0.1	η = 2.7	x: 1.306 m η = 1.2	η < 0.1	**CUMPLE η = 12.7**
N330/N331	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.9	η = 5.8	x: 0.049 m η = 6.1	x: 0.049 m η = 0.7	x: 1.225 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 12.5	η < 0.1	η = 2.6	x: 0.049 m η = 0.6	η < 0.1	**CUMPLE η = 12.5**
N333/N430	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.15 m η = 5.9	x: 0 m η = 6.9	x: 0 m η = 32.3	x: 0 m η = 14.6	η = 19.3	η = 1.7	η < 0.1	η < 0.1	x: 0 m η = 48.8	η < 0.1	η = 0.2	η = 9.6	η < 0.1	**CUMPLE η = 48.8**
N430/N422	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 6.0	x: 0 m η = 7.1	x: 2.55 m η = 47.2	x: 0 m η = 12.2	η = 17.3	η = 0.8	η < 0.1	η < 0.1	x: 2.55 m η = 55.6	η < 0.1	η = 0.2	η = 9.6	η < 0.1	**CUMPLE η = 55.6**
N422/N332	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 6.1	x: 0 m η = 6.5	x: 0.109 m η = 50.0	x: 0 m η = 7.2	η = 17.0	η = 1.9	η < 0.1	η < 0.1	x: 0.109 m η = 58.0	η < 0.1	η = 0.2	η = 9.6	η = 0.3	**CUMPLE η = 58.0**
N332/N331	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 35.7	x: 0.091 m η = 0.7	η = 11.2	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 36.2	η < 0.1	η = 0.8	η = 6.4	η < 0.1	**CUMPLE η = 36.2**
N334/N321	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 15.9	x: 0.091 m η = 16.5	x: 1.51 m η = 0.1	x: 0.091 m η = 5.5	η < 0.1	η = 0.7	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 22.1	η < 0.1	η = 0.4	η < 0.1	η = 0.4	**CUMPLE η = 22.1**
N310/N335	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 0.8	x: 0.131 m η = 1.3	x: 0.131 m η = 56.8	x: 0.131 m η = 3.3	x: 0.131 m η = 9.6	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 60.5	η < 0.1	η = 2.3	x: 0.131 m η = 5.9	η = 0.3	**CUMPLE η = 60.5**
N335/N336	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.3	x: 0.05 m η = 12.2	x: 0.05 m η = 8.2	x: 1.305 m η = 3.2	x: 1.305 m η = 0.4	η = 0.6	η < 0.1	η < 0.1	x: 1.305 m η = 21.4	η < 0.1	η = 1.5	x: 1.305 m η = 0.3	η = 0.3	**CUMPLE η = 21.4**
N336/N337	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 13.9	x: 0.051 m η = 15.2	x: 1.305 m η = 2.8	x: 0.051 m η = 2.7	x: 0.051 m η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 18.1	η < 0.1	η = 6.5	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 18.1**
N337/N338	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 22.7	x: 0.051 m η = 23.6	x: 1.305 m η = 6.5	x: 1.305 m η = 1.8	x: 0.051 m η = 1.0	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 31.7	η < 0.1	η = 6.4	x: 0.051 m η = 0.6	η = 0.2	**CUMPLE η = 31.7**
N338/N339	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 29.8	x: 0.051 m η = 30.3	x: 0.886 m η = 3.1	x: 0.051 m η = 3.3	x: 0.051 m η = 0.1	η = 0.5	η < 0.1	η < 0.1	x: 0.051 m η = 36.5	η < 0.1	η = 0.6	x: 0.051 m η = 0.1	η = 0.3	**CUMPLE η = 36.5**
N339/N340	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 36.8	x: 0.052 m η = 37.1	x: 1.304 m η = 8.7	x: 1.304 m η = 3.5	x: 0.052 m η = 1.2	η = 0.6	η < 0.1	η < 0.1	x: 1.304 m η = 49.1	η < 0.1	η = 0.6	x: 0.052 m η = 0.7	η = 0.3	**CUMPLE η = 49.1**
N340/N341	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 35.7	x: 0.052 m η = 35.4	x: 0.052 m η = 5.1	x: 0.052 m η = 2.8	x: 0.052 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 43.1	η < 0.1	η = 4.9	x: 1.303 m η = 0.2	η = 0.2	**CUMPLE η = 43.1**
N341/N342	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 40.0	x: 0.053 m η = 39.6	x: 1.303 m η = 7.3	x: 1.303 m η = 2.2	x: 1.303 m η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 1.303 m η = 48.9	η < 0.1	η = 5.4	x: 0.053 m η = 0.5	η = 0.2	**CUMPLE η = 48.9**
N342/N343	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 42.8	x: 0.053 m η = 42.2	x: 0.053 m η = 5.7	x: 0.053 m η = 2.3	x: 0.053 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 50.0	η < 0.1	η = 2.6	x: 1.302 m η = 0.3	η = 0.2	**CUMPLE η = 50.0**
N343/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 44.9	x: 0.054 m η = 44.2	x: 1.315 m η = 10.6	x: 1.315 m η = 2.5	x: 1.315 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 1.315 m η = 57.1	η < 0.1	η = 2.4	x: 0.054 m η = 0.7	η = 0.2	**CUMPLE η = 57.1**
N332/N352	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 6.3	x: 0.131 m η = 4.8	x: 0.131 m η = 64.5	x: 0.131 m η = 2.8	x: 1.306 m η = 10.8	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 73.0	η < 0.1	η = 2.3	x: 0.131 m η = 6.7	η = 0.1	**CUMPLE η = 73.0**
N352/N351	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 7.4	x: 0.05 m η = 5.9	x: 0.05 m η = 9.6	x: 1.305 m η = 2.4	x: 0.05 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 16.1	η < 0.1	η = 1.6	x: 1.305 m η = 0.4	η = 0.1	**CUMPLE η = 16.1**
N351/N350	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 12.4	x: 0.051 m η = 10.2	x: 1.305 m η = 2.8	x: 0.051 m η = 1.3	x: 0.051 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 15.3	η < 0.1	η = 6.3	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 15.3**
N350/N349	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 21.2	x: 0.051 m η = 18.7	x: 1.305 m η = 6.3	x: 1.305 m η = 2.2	x: 1.305 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 28.6	η < 0.1	η = 6.6	x: 0.051 m η = 0.6	η = 0.1	**CUMPLE η = 28.6**
N349/N348	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 28.4	x: 0.051 m η = 25.6	x: 1.095 m η = 3.0	x: 0.051 m η = 1.4	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 1.302 m η = 31.6	η < 0.1	η = 0.7	x: 0.051 m η = 0.1	η < 0.1	**CUMPLE η = 31.6**
N348/N347	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 35.5	x: 0.052 m η = 32.6	x: 1.304 m η = 8.5	x: 1.304 m η = 1.0	x: 1.304 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 43.8	η < 0.1	η = 0.4	x: 0.052 m η = 0.7	η < 0.1	**CUMPLE η = 43.8**
N347/N346	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 35.1	x: 0.052 m η = 33.6	x: 0.052 m η = 4.8	x: 0.052 m η = 1.5	x: 0.052 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 40.3	η < 0.1	η = 4.7	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 40.3**
N346/N345	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 39.5	x: 0.053 m η = 38.0	x: 1.303 m η = 7.2	x: 1.303 m η = 2.3	x: 1.303 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 47.6	η < 0.1	η = 5.3	x: 0.053 m η = 0.5	η = 0.1	**CUMPLE η = 47.6**
N345/N344	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 42.4	x: 0.053 m η = 40.7	x: 0.053 m η = 5.6	x: 0.053 m η = 2.1	x: 0.053 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 49.0	η < 0.1	η = 2.9	x: 1.302 m η = 0.3	η = 0.2	**CUMPLE η = 49.0**
N344/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 44.6	x: 0.054 m η = 43.1	x: 1.315 m η = 10.5	x: 1.315 m η = 2.2	x: 1.315 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 56.1	η < 0.1	η = 2.4	x: 0.054 m η = 0.7	η = 0.1	**CUMPLE η = 56.1**
N342/N319	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 15.5	x: 0.091 m η = 15.6	x: 1.59 m η = 5.0	x: 0.091 m η = 9.4	η = 0.7	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 29.6	η < 0.1	η = 0.9	η = 0.4	η = 0.4	**CUMPLE η = 29.6**
N343/N320	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 8.9	x: 0.091 m η = 8.6	x: 0.091 m η = 4.2	x: 1.55 m η = 2.7	η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 15.7	η < 0.1	η = 0.4	η = 0.4	η = 0.1	**CUMPLE η = 15.7**
N341/N318	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 16.1	x: 0.091 m η = 15.7	x: 1.63 m η = 6.6	x: 0.091 m η = 2.3	η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 24.7	η < 0.1	η = 1.7	η = 0.6	η < 0.1	**CUMPLE η = 24.7**
N340/N317	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 26.2	x: 0.091 m η = 26.0	x: 1.67 m η = 8.9	x: 0.091 m η = 4.4	η = 1.1	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 38.9	η < 0.1	η = 1.2	η = 0.7	η = 0.3	**CUMPLE η = 38.9**
N339/N316	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 26.7	x: 0.091 m η = 25.9	x: 1.71 m η = 11.2	x: 1.71 m η = 1.9	η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 39.8	η < 0.1	η = 1.8	η = 0.9	η < 0.1	**CUMPLE η = 39.8**
N335/N312	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 34.3	x: 0.091 m η = 33.0	x: 0.091 m η = 21.3	x: 0.091 m η = 1.8	η = 2.3	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.4	η < 0.1	η = 1.7	η = 1.4	η < 0.1	**CUMPLE η = 56.4**
N336/N313	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 46.8	x: 0.091 m η = 45.2	x: 1.83 m η = 15.6	x: 0.091 m η = 7.1	η = 1.8	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 66.0	η < 0.1	η = 1.5	η = 1.1	η = 0.3	**CUMPLE η = 66.0**
N337/N314	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 34.0	x: 0.091 m η = 32.3	x: 1.79 m η = 13.9	x: 0.091 m η = 1.6	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 49.3	η < 0.1	η = 2.3	η = 1.1	η = 0.1	**CUMPLE η = 49.3**
N338/N315	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 33.9	x: 0.091 m η = 32.9	x: 1.75 m η = 12.4	x: 0.091 m η = 8.1	η = 1.5	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 52.8	η < 0.1	η = 1.8	η = 1.0	η = 0.3	**CUMPLE η = 52.8**
N345/N323	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 16.0	x: 0.091 m η = 16.3	x: 1.59 m η = 5.2	x: 0.091 m η = 9.5	η = 0.7	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 30.8	η < 0.1	η = 1.5	η = 0.4	η = 0.4	**CUMPLE η = 30.8**
N344/N322	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 9.3	x: 0.091 m η = 9.3	x: 0.091 m η = 4.5	x: 1.55 m η = 2.3	η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 16.0	η < 0.1	η = 0.1	η = 0.4	η = 0.1	**CUMPLE η = 16.0**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N346/N324	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 16.7	x: 0.091 m η = 16.3	x: 1.63 m η = 6.8	x: 0.091 m η = 2.2	η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 25.3	η < 0.1	η = 1.3	η = 0.6	η = 0.1	**CUMPLE η = 25.3**
N347/N325	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 26.6	x: 0.091 m η = 26.7	x: 1.67 m η = 9.1	x: 0.091 m η = 4.2	η = 1.2	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 39.4	η < 0.1	η = 1.4	η = 0.7	η = 0.3	**CUMPLE η = 39.4**
N348/N326	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 27.1	x: 0.091 m η = 26.5	x: 1.71 m η = 11.3	x: 1.71 m η = 2.1	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 40.4	η < 0.1	η = 1.5	η = 0.9	η < 0.1	**CUMPLE η = 40.4**
N351/N329	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 46.8	x: 0.091 m η = 46.3	x: 1.83 m η = 15.3	x: 0.091 m η = 6.5	η = 1.8	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 66.5	η < 0.1	η = 2.0	η = 1.1	η = 0.2	**CUMPLE η = 66.5**
N350/N328	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 33.9	x: 0.091 m η = 32.9	x: 1.79 m η = 13.9	x: 0.091 m η = 2.1	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 49.8	η < 0.1	η = 2.2	η = 1.1	η = 0.1	**CUMPLE η = 49.8**
N349/N327	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 34.0	x: 0.091 m η = 33.6	x: 1.75 m η = 12.4	x: 0.091 m η = 8.3	η = 1.5	η = 0.6	η < 0.1	η < 0.1	x: 0.091 m η = 54.4	η < 0.1	η = 2.3	η = 1.0	η = 0.4	**CUMPLE η = 54.4**
N352/N330	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 33.7	x: 0.091 m η = 32.2	x: 0.091 m η = 21.4	x: 0.091 m η = 1.8	η = 2.3	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 56.0	η < 0.1	η = 1.5	η = 1.4	η = 0.1	**CUMPLE η = 56.0**
N343/N321	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 9.4	x: 0.12 m η = 9.5	x: 0.12 m η = 3.2	x: 0.12 m η = 0.6	x: 2.01 m η = 0.3	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 13.1	η < 0.1	η = 0.6	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 13.1**
N342/N320	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 11.8	x: 0.119 m η = 12.5	x: 0.119 m η = 4.2	x: 0.119 m η = 5.5	x: 2.042 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.119 m η = 21.7	η < 0.1	η = 1.4	x: 2.042 m η = 0.3	η = 0.2	**CUMPLE η = 21.7**
N341/N319	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 19.3	x: 0.118 m η = 19.7	x: 0.118 m η = 4.6	x: 0.118 m η = 1.6	x: 2.075 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 25.5	η < 0.1	η = 1.0	x: 2.075 m η = 0.3	η = 0.1	**CUMPLE η = 25.5**
N340/N318	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 20.1	x: 0.117 m η = 21.1	x: 0.117 m η = 6.0	x: 0.117 m η = 3.4	x: 2.107 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.117 m η = 30.0	η < 0.1	η = 0.2	x: 2.107 m η = 0.4	η = 0.1	**CUMPLE η = 30.0**
N339/N317	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 31.8	x: 0.116 m η = 32.5	x: 0.116 m η = 7.0	x: 0.116 m η = 1.2	x: 2.14 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 40.5	η < 0.1	η = 1.0	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 40.5**
N338/N316	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 32.4	x: 0.115 m η = 33.9	x: 0.115 m η = 7.9	x: 0.115 m η = 4.1	x: 2.173 m η = 0.8	η = 0.4	η < 0.1	η < 0.1	x: 0.115 m η = 44.4	η < 0.1	η = 1.3	x: 2.173 m η = 0.5	η = 0.2	**CUMPLE η = 44.4**
N337/N315	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 40.2	x: 0.114 m η = 42.0	x: 0.114 m η = 8.4	x: 0.114 m η = 2.5	x: 2.206 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 52.7	η < 0.1	η = 1.1	x: 2.206 m η = 0.6	η = 0.1	**CUMPLE η = 52.7**
N336/N314	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 39.8	x: 0.113 m η = 42.3	x: 2.239 m η = 8.6	x: 0.113 m η = 5.8	x: 2.239 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.113 m η = 55.2	η < 0.1	η = 0.5	x: 2.239 m η = 0.6	η = 0.1	**CUMPLE η = 55.2**
N335/N313	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 53.4	x: 0.112 m η = 55.8	x: 0.112 m η = 14.9	x: 0.112 m η = 2.6	x: 2.273 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 73.3	η < 0.1	η = 0.6	x: 2.273 m η = 0.9	η < 0.1	**CUMPLE η = 73.3**
N310/N312	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 42.0	x: 0.232 m η = 44.3	x: 0.232 m η = 9.6	x: 2.307 m η = 2.1	x: 0.232 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 55.0	η < 0.1	η = 0.2	x: 0.232 m η = 0.4	η = 0.1	**CUMPLE η = 55.0**
N344/N321	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 10.4	x: 0.12 m η = 10.0	x: 0.12 m η = 3.4	x: 0.12 m η = 1.3	x: 2.01 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 14.9	η < 0.1	η = 0.4	x: 2.01 m η = 0.2	η < 0.1	**CUMPLE η = 14.9**
N345/N322	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 12.7	x: 0.119 m η = 13.0	x: 0.119 m η = 4.4	x: 0.119 m η = 4.1	x: 2.042 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.119 m η = 21.1	η < 0.1	η = 1.7	x: 2.042 m η = 0.3	η = 0.2	**CUMPLE η = 21.1**
N346/N323	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 20.2	x: 0.118 m η = 20.3	x: 0.118 m η = 4.8	x: 2.075 m η = 0.9	x: 2.075 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 25.6	η < 0.1	η = 0.8	x: 2.075 m η = 0.3	η = 0.1	**CUMPLE η = 25.6**
N347/N324	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 20.8	x: 0.117 m η = 21.7	x: 0.117 m η = 6.0	x: 0.117 m η = 4.9	x: 2.107 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.117 m η = 31.7	η < 0.1	η = 0.4	x: 2.107 m η = 0.4	η = 0.2	**CUMPLE η = 31.7**
N348/N325	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 32.6	x: 0.116 m η = 33.1	x: 0.116 m η = 7.1	x: 2.14 m η = 1.3	x: 2.14 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 40.3	η < 0.1	η = 0.8	x: 2.14 m η = 0.5	η < 0.1	**CUMPLE η = 40.3**
N349/N326	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 33.2	x: 0.115 m η = 34.4	x: 0.115 m η = 8.0	x: 0.115 m η = 2.9	x: 2.173 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 0.115 m η = 45.0	η < 0.1	η = 1.7	x: 2.173 m η = 0.6	η = 0.1	**CUMPLE η = 45.0**
N350/N327	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 41.1	x: 0.114 m η = 42.0	x: 0.114 m η = 8.6	x: 0.114 m η = 1.8	x: 2.206 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 52.2	η < 0.1	η = 1.0	x: 2.206 m η = 0.6	η < 0.1	**CUMPLE η = 52.2**
N351/N328	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 40.6	x: 0.113 m η = 42.2	x: 2.239 m η = 8.6	x: 0.113 m η = 6.6	x: 2.239 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.113 m η = 56.1	η < 0.1	η = 0.5	x: 2.239 m η = 0.6	η = 0.2	**CUMPLE η = 56.1**
N352/N329	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 54.6	x: 0.112 m η = 55.7	x: 0.112 m η = 15.7	x: 2.273 m η = 2.1	x: 2.273 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 73.0	η < 0.1	η = 0.5	x: 2.273 m η = 0.9	η < 0.1	**CUMPLE η = 73.0**
N332/N330	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 41.8	x: 0.232 m η = 43.8	x: 0.232 m η = 12.6	x: 0.232 m η = 2.9	x: 2.307 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 57.7	η < 0.1	η = 0.7	x: 0.232 m η = 0.6	η < 0.1	**CUMPLE η = 57.7**
N353/N413	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.32 m η = 0.3	x: 0 m η = 1.2	x: 1.32 m η = 3.7	x: 0 m η = 17.0	η = 1.4	η = 1.0	η < 0.1	η < 0.1	x: 0 m η = 18.6	η < 0.1	η = 0.2	η = 0.7	η = 0.1	**CUMPLE η = 18.6**
N413/N401	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.13 m η = 0.4	x: 0 m η = 1.1	x: 2.13 m η = 5.2	x: 2.13 m η = 7.0	η = 0.4	η = 0.6	η < 0.1	η < 0.1	x: 2.13 m η = 12.4	η < 0.1	η = 0.2	η = 0.2	η = 0.1	**CUMPLE η = 12.4**
N401/N407	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 0.5	x: 0 m η = 1.0	x: 2.55 m η = 9.9	x: 2.55 m η = 11.3	η = 3.5	η = 0.2	η < 0.1	η < 0.1	x: 2.55 m η = 20.8	η < 0.1	η = 0.2	η = 1.8	η = 0.1	**CUMPLE η = 20.8**
N407/N354	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η = 0.5	x: 0 m η = 0.8	x: 0.109 m η = 10.7	x: 0 m η = 11.3	η = 4.7	η = 0.5	η < 0.1	η < 0.1	x: 0.109 m η = 21.5	η < 0.1	η = 0.2	η = 2.8	η = 0.1	**CUMPLE η = 21.5**
N354/N355	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 7.4	x: 0.091 m η = 1.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 8.7	η < 0.1	η = 1.4	η = 1.3	η < 0.1	**CUMPLE η = 8.7**
N355/N356	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.1	η = 1.3	x: 0.13 m η = 2.4	x: 1.306 m η = 1.4	x: 0.13 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.13 m η = 3.8	η < 0.1	η = 3.7	x: 1.306 m η = 0.3	η = 0.1	**CUMPLE η = 3.8**
N356/N357	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.9	η = 1.1	x: 0.049 m η = 1.0	x: 1.306 m η = 2.7	x: 0.049 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 1.306 m η = 4.1	η < 0.1	η = 3.6	x: 0.049 m η = 0.2	η = 0.2	**CUMPLE η = 4.1**
N357/N358	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.6	η = 0.8	x: 0.678 m η = 0.6	x: 1.306 m η = 2.2	x: 0.049 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.097 m η = 3.2	η < 0.1	η = 3.9	x: 0.049 m η = 0.1	η < 0.1	**CUMPLE η = 3.9**
N358/N359	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.1	η = 1.0	x: 1.305 m η = 1.0	x: 0.049 m η = 1.0	x: 1.305 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 2.8	η < 0.1	η = 3.6	x: 1.305 m η = 0.2	η = 0.1	**CUMPLE η = 3.6**
N359/N360	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.1	η = 1.7	x: 0.05 m η = 0.6	x: 0.05 m η = 1.7	x: 0.05 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 3.8	η < 0.1	η = 2.2	x: 0.05 m η = 0.1	η = 0.1	**CUMPLE η = 3.8**
N360/N361	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.1	η = 1.9	x: 1.304 m η = 0.7	x: 1.304 m η = 2.9	x: 0.05 m η = 0.2	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 5.7	η < 0.1	η = 1.3	x: 0.05 m η = 0.2	η = 0.2	**CUMPLE η = 5.7**
N361/N362	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.0	η = 1.8	x: 0.469 m η = 0.7	x: 0.051 m η = 3.0	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 5.6	η < 0.1	η = 2.1	x: 1.304 m η = 0.1	η = 0.1	**CUMPLE η = 5.6**
N362/N363	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.0	η = 2.6	x: 1.304 m η = 1.5	x: 1.304 m η = 2.2	x: 1.304 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 6.7	η < 0.1	η = 1.9	x: 1.304 m η = 0.3	η = 0.2	**CUMPLE η = 6.7**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N363/N364	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 3.6	x: 0.051 m η = 1.2	x: 0.051 m η = 2.6	x: 0.051 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 8.0	η < 0.1	η = 0.3	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 8.0**
N364/N365	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 3.4	x: 1.303 m η = 2.3	x: 1.303 m η = 3.2	x: 0.052 m η = 0.5	η = 0.5	η < 0.1	η < 0.1	x: 1.303 m η = 9.0	η < 0.1	η = 0.7	x: 0.052 m η = 0.3	η = 0.3	**CUMPLE η = 9.0**
N365/N366	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 3.5	x: 0.052 m η = 2.3	x: 0.052 m η = 3.2	x: 1.303 m η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 9.0	η < 0.1	η = 0.5	x: 1.303 m η = 0.3	η = 0.3	**CUMPLE η = 9.0**
N366/N367	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 4.2	x: 1.304 m η = 1.5	x: 1.304 m η = 1.9	x: 1.304 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 7.6	η < 0.1	η = 0.4	x: 1.304 m η = 0.2	η = 0.1	**CUMPLE η = 7.6**
N367/N368	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.3	η = 3.4	x: 0.051 m η = 1.6	x: 0.051 m η = 1.4	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 6.1	η < 0.1	η = 2.1	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 6.1**
N368/N369	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.1	η = 2.3	x: 1.304 m η = 1.0	x: 1.304 m η = 3.0	x: 1.304 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 6.0	η < 0.1	η = 2.4	x: 0.051 m η = 0.1	η = 0.1	**CUMPLE η = 6.0**
N369/N370	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.9	η = 2.2	x: 0.051 m η = 0.8	x: 0.051 m η = 3.1	x: 1.305 m η = 0.2	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 5.9	η < 0.1	η = 1.7	x: 1.305 m η = 0.2	η = 0.3	**CUMPLE η = 5.9**
N370/N371	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.0	η = 2.1	x: 1.305 m η = 1.2	x: 1.305 m η = 1.4	x: 1.305 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 4.6	η < 0.1	η = 2.4	x: 1.305 m η = 0.2	η = 0.2	**CUMPLE η = 4.6**
N371/N372	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.7	η = 1.1	x: 0.05 m η = 1.4	x: 1.306 m η = 0.7	x: 0.05 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 2.7	η < 0.1	η = 3.8	x: 0.05 m η = 0.3	η = 0.1	**CUMPLE η = 3.8**
N372/N373	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.0	η = 1.4	x: 1.306 m η = 1.0	x: 1.306 m η = 2.3	x: 1.306 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 4.3	η < 0.1	η = 3.9	x: 0.049 m η = 0.1	η < 0.1	**CUMPLE η = 4.3**
N373/N374	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.7	η = 1.6	x: 1.306 m η = 1.4	x: 0.049 m η = 2.9	x: 1.306 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.049 m η = 5.1	η < 0.1	η = 3.3	x: 0.049 m η = 0.1	η = 0.2	**CUMPLE η = 5.1**
N374/N375	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.9	η = 1.5	x: 1.225 m η = 3.5	x: 0.049 m η = 1.4	x: 0.049 m η = 0.7	η = 0.3	η < 0.1	η < 0.1	x: 1.225 m η = 5.5	η < 0.1	η = 3.5	x: 1.225 m η = 0.4	η = 0.2	**CUMPLE η = 5.5**
N377/N402	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	N_{Ed} = 0.00 N.P.(3)	x: 0 m η = 0.7	x: 0 m η = 22.7	x: 0 m η = 58.2	η = 16.3	η = 26.8	η < 0.1	η < 0.1	x: 0 m η = 73.9	η < 0.1	η = 0.4	η = 7.5	η = 0.2	**CUMPLE η = 73.9**
N402/N408	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	N_{Ed} = 0.00 N.P.(3)	x: 0 m η = 0.6	x: 0 m η = 18.5	x: 2.55 m η = 32.5	η = 7.1	η = 2.3	η < 0.1	η < 0.1	x: 2.55 m η = 41.0	η < 0.1	η = 0.4	η = 3.2	η = 0.2	**CUMPLE η = 41.0**
N408/N376	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.108 m η < 0.1	x: 0 m η = 0.4	x: 0.109 m η = 12.7	x: 0 m η = 32.5	η = 4.1	η = 16.0	η < 0.1	η < 0.1	x: 0 m η = 40.9	η < 0.1	η = 0.4	η = 1.0	η = 1.1	**CUMPLE η = 40.9**
N376/N375	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 11.1	x: 0.091 m η = 1.6	η = 3.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 12.5	η < 0.1	η = 1.4	η = 1.7	η < 0.1	**CUMPLE η = 12.5**
N378/N365	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.509 m η = 4.7	x: 0.091 m η = 4.4	x: 0.091 m η = 0.3	x: 0.091 m η = 24.2	η < 0.1	η = 2.4	η < 0.1	η < 0.1	x: 0.091 m η = 28.9	η < 0.1	η = 0.2	η < 0.1	η = 1.8	**CUMPLE η = 28.9**
N354/N379	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 1.4	x: 0.131 m η = 1.1	x: 0.131 m η = 8.5	x: 0.131 m η = 1.5	x: 1.306 m η = 1.4	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 10.5	η < 0.1	η = 8.1	x: 0.131 m η = 0.9	η = 0.2	**CUMPLE η = 10.5**
N379/N380	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 1.0	x: 0.05 m η = 0.7	x: 0.05 m η = 1.4	x: 0.05 m η = 1.0	x: 1.305 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 2.8	η < 0.1	η = 8.5	x: 1.305 m η = 0.1	η = 0.2	**CUMPLE η = 8.5**
N380/N381	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 1.2	x: 0.051 m η = 0.7	x: 1.305 m η = 1.6	x: 0.051 m η = 0.7	x: 0.051 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 3.0	η < 0.1	η = 3.1	x: 1.305 m η = 0.2	η = 0.1	**CUMPLE η = 3.1**
N381/N382	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 1.8	x: 0.051 m η = 1.4	x: 1.305 m η = 6.5	x: 1.305 m η = 0.8	x: 1.305 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 8.9	η < 0.1	η = 3.3	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 8.9**
N382/N383	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 4.1	x: 0.051 m η = 3.0	x: 0.051 m η = 7.5	x: 0.051 m η = 1.3	x: 0.051 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 12.6	η < 0.1	η = 9.4	x: 0.051 m η = 0.8	η = 0.2	**CUMPLE η = 12.6**
N383/N384	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 4.3	x: 0.052 m η = 3.1	x: 0.052 m η = 1.4	x: 1.304 m η = 1.0	x: 1.304 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 6.1	η < 0.1	η = 9.7	x: 1.304 m η = 0.1	η = 0.2	**CUMPLE η = 9.7**
N384/N385	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 3.3	x: 0.052 m η = 2.3	x: 1.303 m η = 1.2	x: 0.052 m η = 1.2	x: 0.052 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 5.2	η < 0.1	η = 7.8	x: 1.303 m η = 0.2	η = 0.1	**CUMPLE η = 7.8**
N385/N386	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 2.1	x: 0.053 m η = 1.3	x: 1.303 m η = 4.4	x: 1.303 m η = 1.6	x: 1.303 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 7.0	η < 0.1	η = 7.8	x: 0.053 m η = 0.3	η = 0.1	**CUMPLE η = 7.8**
N386/N387	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 6.2	x: 0.053 m η = 5.6	x: 0.053 m η = 7.0	x: 0.053 m η = 1.6	x: 1.302 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 14.5	η < 0.1	η = 9.6	x: 0.053 m η = 0.8	η = 0.2	**CUMPLE η = 14.5**
N387/N378	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 6.9	x: 0.054 m η = 6.1	x: 1.315 m η = 2.3	x: 1.315 m η = 1.9	x: 1.315 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 11.0	η < 0.1	η = 10.1	x: 0.054 m η = 0.2	η = 0.2	**CUMPLE η = 11.0**
N376/N396	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.304 m η = 4.1	x: 0.131 m η = 5.7	x: 0.131 m η = 13.0	x: 0.131 m η = 2.1	x: 0.131 m η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 0.131 m η = 18.7	η < 0.1	η = 8.0	x: 1.306 m η = 1.0	η = 0.2	**CUMPLE η = 18.7**
N396/N395	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 3.5	x: 0.05 m η = 4.9	x: 0.05 m η = 2.6	x: 1.305 m η = 2.1	x: 1.305 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 7.6	η < 0.1	η = 8.7	x: 0.05 m η = 0.3	η = 0.2	**CUMPLE η = 8.7**
N395/N394	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 2.1	x: 0.051 m η = 3.4	x: 0.051 m η = 1.7	x: 0.051 m η = 1.1	x: 1.305 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 5.8	η < 0.1	η = 2.5	x: 1.305 m η = 0.1	η < 0.1	**CUMPLE η = 5.8**
N394/N393	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.303 m η = 0.8	x: 0.051 m η = 2.2	x: 1.305 m η = 6.9	x: 1.305 m η = 0.7	x: 0.051 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 9.5	η < 0.1	η = 2.6	x: 1.305 m η = 0.7	η = 0.1	**CUMPLE η = 9.5**
N393/N392	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 5.9	x: 0.051 m η = 6.1	x: 0.051 m η = 4.3	x: 0.051 m η = 1.4	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 11.1	η < 0.1	η = 9.3	x: 1.304 m η = 0.2	η = 0.2	**CUMPLE η = 11.1**
N392/N391	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.302 m η = 5.8	x: 0.052 m η = 5.9	x: 1.304 m η = 1.1	x: 1.304 m η = 1.0	x: 1.304 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 7.9	η < 0.1	η = 9.8	x: 0.052 m η = 0.2	η = 0.2	**CUMPLE η = 9.8**
N391/N390	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 4.6	x: 0.052 m η = 4.8	x: 0.052 m η = 1.3	x: 0.052 m η = 1.4	x: 1.303 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 7.5	η < 0.1	η = 6.5	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 7.5**
N390/N389	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.301 m η = 3.4	x: 0.053 m η = 3.9	x: 1.303 m η = 5.2	x: 1.303 m η = 1.7	x: 0.053 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 10.8	η < 0.1	η = 6.1	x: 1.303 m η = 0.6	η = 0.1	**CUMPLE η = 10.8**
N389/N388	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.3 m η = 6.3	x: 0.053 m η = 5.5	x: 0.053 m η = 2.2	x: 0.053 m η = 1.5	x: 0.053 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 8.7	η < 0.1	η = 8.9	x: 1.302 m η = 0.1	η = 0.2	**CUMPLE η = 8.9**
N388/N378	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.313 m η = 6.9	x: 0.054 m η = 6.1	x: 1.315 m η = 2.3	x: 1.315 m η = 1.9	x: 1.315 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 10.9	η < 0.1	η = 9.5	x: 0.054 m η = 0.3	η = 0.2	**CUMPLE η = 10.9**
N386/N363	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 3.7	x: 0.091 m η = 5.1	x: 0.091 m η = 3.3	x: 0.091 m η = 16.6	η = 0.4	η = 1.6	η < 0.1	η < 0.1	x: 0.091 m η = 24.3	η < 0.1	η = 0.4	η = 0.3	η = 1.0	**CUMPLE η = 24.3**
N387/N364	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 1.7	x: 0.091 m η = 0.9	x: 0.091 m η = 2.7	x: 0.091 m η = 3.4	η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 7.4	η < 0.1	η = 1.3	η = 0.2	η = 0.2	**CUMPLE η = 7.4**
N385/N362	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 2.7	x: 0.091 m η = 3.5	x: 1.63 m η = 1.3	x: 1.63 m η = 2.7	η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 1.63 m η = 7.3	η < 0.1	η = 0.7	η = 0.1	η = 0.1	**CUMPLE η = 7.3**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N384/N361	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 0.8	x: 0.091 m η = 1.0	x: 0.091 m η = 0.5	x: 0.091 m η = 16.2	η < 0.1	η = 1.3	η < 0.1	η < 0.1	x: 0.091 m η = 17.6	η < 0.1	η = 1.6	η < 0.1	η = 0.8	**CUMPLE η = 17.6**
N383/N360	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 1.0	x: 0.091 m η = 0.7	x: 0.091 m η = 1.3	x: 0.091 m η = 3.5	η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 5.4	η < 0.1	η = 2.2	η = 0.1	η = 0.1	**CUMPLE η = 5.4**
N379/N356	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 0.7	x: 0.091 m η = 0.1	x: 0.091 m η = 1.4	x: 0.091 m η = 2.8	η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 4.4	η < 0.1	η = 3.3	η = 0.1	η = 0.1	**CUMPLE η = 4.4**
N380/N357	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 1.5	x: 0.091 m η = 2.2	x: 0.091 m η = 0.3	x: 0.091 m η = 9.6	η < 0.1	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 11.6	η < 0.1	η = 2.7	η < 0.1	η = 0.4	**CUMPLE η = 11.6**
N381/N358	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 1.4	x: 0.091 m η = 2.3	x: 1.79 m η = 0.8	x: 1.79 m η = 2.8	η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 5.9	η < 0.1	η = 2.0	η = 0.1	η = 0.1	**CUMPLE η = 5.9**
N382/N359	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 2.5	x: 0.091 m η = 4.2	x: 0.091 m η = 3.8	x: 0.091 m η = 10.9	η = 0.4	η = 1.0	η < 0.1	η < 0.1	x: 0.091 m η = 16.8	η < 0.1	η = 1.7	η = 0.2	η = 0.5	**CUMPLE η = 16.8**
N389/N367	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.589 m η = 3.2	x: 0.091 m η = 4.9	x: 0.091 m η = 1.8	x: 0.091 m η = 13.7	η = 0.2	η = 1.4	η < 0.1	η < 0.1	x: 0.091 m η = 18.4	η < 0.1	η = 0.4	η < 0.1	η = 0.8	**CUMPLE η = 18.4**
N388/N366	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.549 m η = 2.5	x: 0.091 m η = 2.5	x: 0.091 m η = 2.1	x: 0.091 m η = 3.5	η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 8.1	η < 0.1	η = 1.4	η = 0.2	η = 0.2	**CUMPLE η = 8.1**
N390/N368	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.629 m η = 3.8	x: 0.091 m η = 4.5	x: 0.091 m η = 2.2	x: 1.63 m η = 3.0	η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 1.63 m η = 9.4	η < 0.1	η = 0.1	η = 0.2	η = 0.1	**CUMPLE η = 9.4**
N391/N369	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.669 m η = 0.4	x: 0.091 m η = 0.6	x: 0.091 m η = 0.5	x: 0.091 m η = 16.6	η = 0.1	η = 1.3	η < 0.1	η < 0.1	x: 0.091 m η = 17.6	η < 0.1	η = 1.7	η < 0.1	η = 0.8	**CUMPLE η = 17.6**
N392/N370	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.709 m η = 0.8	x: 0.091 m η = 0.2	x: 0.091 m η = 0.3	x: 0.091 m η = 3.0	η < 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 3.2	η < 0.1	η = 2.4	η < 0.1	η = 0.1	**CUMPLE η = 3.2**
N395/N373	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.829 m η = 2.8	x: 0.091 m η = 2.3	x: 1.83 m η = 1.2	x: 0.091 m η = 11.3	η = 0.1	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 14.6	η < 0.1	η = 2.5	η = 0.1	η = 0.5	**CUMPLE η = 14.6**
N394/N372	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.789 m η = 5.6	x: 0.091 m η = 5.7	x: 0.091 m η = 2.9	x: 1.79 m η = 2.6	η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 1.79 m η = 10.7	η < 0.1	η = 1.6	η = 0.2	η = 0.1	**CUMPLE η = 10.7**
N393/N371	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.749 m η = 4.8	x: 0.091 m η = 5.9	x: 0.091 m η = 1.6	x: 0.091 m η = 10.1	η = 0.1	η = 1.0	η < 0.1	η < 0.1	x: 0.091 m η = 16.1	η < 0.1	η = 1.6	η < 0.1	η = 0.6	**CUMPLE η = 16.1**
N396/N374	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.869 m η = 1.4	x: 0.091 m η = 0.1	x: 0.091 m η = 1.6	x: 0.091 m η = 3.2	η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 4.8	η < 0.1	η = 3.1	η < 0.1	η = 0.1	**CUMPLE η = 4.8**
N387/N365	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 2.5	x: 0.12 m η = 3.1	x: 0.12 m η = 1.1	x: 2.01 m η = 3.4	x: 2.01 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 2.01 m η = 6.8	η < 0.1	η = 1.0	x: 2.01 m η = 0.1	η = 0.2	**CUMPLE η = 6.8**
N386/N364	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 1.4	x: 0.119 m η = 3.0	x: 0.119 m η = 2.4	x: 0.119 m η = 10.9	x: 2.042 m η = 0.3	η = 0.8	η < 0.1	η < 0.1	x: 0.119 m η = 16.1	η < 0.1	η = 1.5	x: 0.119 m η = 0.2	η = 0.4	**CUMPLE η = 16.1**
N385/N363	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 5.7	x: 0.118 m η = 4.5	x: 0.118 m η = 0.8	x: 2.075 m η = 2.2	x: 0.118 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.118 m η = 8.5	η < 0.1	η = 0.3	x: 2.075 m η = 0.1	η = 0.2	**CUMPLE η = 8.5**
N384/N362	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 4.5	x: 0.117 m η = 3.9	x: 0.117 m η = 0.9	x: 0.117 m η = 9.8	x: 0.117 m η = 0.2	η = 0.7	η < 0.1	η < 0.1	x: 0.117 m η = 15.1	η < 0.1	η = 2.3	x: 0.117 m η = 0.1	η = 0.4	**CUMPLE η = 15.1**
N383/N361	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 0.9	x: 0.116 m η = 1.2	x: 0.116 m η = 0.9	x: 0.116 m η = 2.7	x: 2.14 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.116 m η = 4.4	η < 0.1	η = 1.2	x: 2.14 m η = 0.1	η = 0.1	**CUMPLE η = 4.4**
N382/N360	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 0.6	x: 0.115 m η = 1.4	x: 0.115 m η = 3.0	x: 0.115 m η = 9.3	x: 0.115 m η = 0.3	η = 0.6	η < 0.1	η < 0.1	x: 0.115 m η = 13.1	η < 0.1	η = 0.6	x: 2.173 m η = 0.3	η = 0.5	**CUMPLE η = 13.1**
N381/N359	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 4.6	x: 0.114 m η = 3.1	x: 0.114 m η = 0.5	x: 2.206 m η = 2.5	x: 0.114 m η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 2.206 m η = 5.8	η < 0.1	η = 1.2	x: 0.114 m η = 0.1	η < 0.1	**CUMPLE η = 5.8**
N380/N358	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 2.8	x: 0.113 m η = 2.0	x: 0.113 m η = 0.7	x: 0.113 m η = 5.2	x: 0.113 m η = 0.1	η = 0.4	η < 0.1	η < 0.1	x: 0.113 m η = 7.3	η < 0.1	η = 2.1	x: 0.113 m η = 0.1	η = 0.2	**CUMPLE η = 7.3**
N379/N357	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 2.3	x: 0.112 m η = 1.9	x: 0.112 m η = 1.3	x: 0.112 m η = 2.7	x: 0.112 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 5.2	η < 0.1	η = 1.6	x: 2.273 m η = 0.1	η = 0.1	**CUMPLE η = 5.2**
N354/N356	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 0.8	x: 0.232 m η = 1.5	x: 0.232 m η = 2.8	x: 0.232 m η = 5.8	x: 2.307 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.232 m η = 9.8	η < 0.1	η = 1.1	x: 0.232 m η = 0.2	η = 0.1	**CUMPLE η = 9.8**
N388/N365	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.008 m η = 2.5	x: 0.12 m η = 2.6	x: 0.12 m η = 0.6	x: 2.01 m η = 3.2	x: 2.01 m η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 2.01 m η = 5.9	η < 0.1	η = 1.0	x: 2.01 m η = 0.1	η = 0.2	**CUMPLE η = 5.9**
N389/N366	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.04 m η = 3.3	x: 0.119 m η = 3.9	x: 0.119 m η = 1.6	x: 0.119 m η = 9.6	x: 0.119 m η = 0.2	η = 0.7	η < 0.1	η < 0.1	x: 0.119 m η = 14.3	η < 0.1	η = 1.0	x: 2.042 m η = 0.1	η = 0.4	**CUMPLE η = 14.3**
N390/N367	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.073 m η = 5.4	x: 0.118 m η = 3.8	x: 0.118 m η = 1.6	x: 2.075 m η = 2.1	x: 0.118 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 0.118 m η = 8.7	η < 0.1	η = 0.3	x: 0.118 m η = 0.2	η = 0.1	**CUMPLE η = 8.7**
N391/N368	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.105 m η = 5.7	x: 0.117 m η = 5.1	x: 2.107 m η = 0.8	x: 0.117 m η = 9.4	x: 0.117 m η = 0.2	η = 0.7	η < 0.1	η < 0.1	x: 0.117 m η = 15.6	η < 0.1	η = 2.3	x: 0.117 m η = 0.1	η = 0.4	**CUMPLE η = 15.6**
N392/N369	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.138 m η = 0.8	x: 0.116 m η = 1.1	x: 2.14 m η = 0.8	x: 0.116 m η = 2.5	x: 2.14 m η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.116 m η = 3.5	η < 0.1	η = 1.3	x: 0.116 m η = 0.1	η = 0.1	**CUMPLE η = 3.5**
N393/N370	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.171 m η = 0.1	x: 0.115 m η = 1.3	x: 0.115 m η = 1.7	x: 0.115 m η = 8.9	x: 0.115 m η = 0.2	η = 0.6	η < 0.1	η < 0.1	x: 0.115 m η = 10.0	η < 0.1	η = 0.3	x: 2.173 m η = 0.1	η = 0.3	**CUMPLE η = 10.0**
N394/N371	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.204 m η = 6.5	x: 0.114 m η = 5.7	x: 0.114 m η = 2.0	x: 2.206 m η = 2.3	x: 0.114 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 2.206 m η = 9.8	η < 0.1	η = 0.8	x: 0.114 m η = 0.2	η < 0.1	**CUMPLE η = 9.8**
N395/N372	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.237 m η = 6.8	x: 0.113 m η = 7.2	x: 2.239 m η = 1.2	x: 0.113 m η = 5.7	x: 0.113 m η = 0.2	η = 0.5	η < 0.1	η < 0.1	x: 0.113 m η = 13.3	η < 0.1	η = 2.1	x: 0.113 m η = 0.1	η = 0.3	**CUMPLE η = 13.3**
N396/N373	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.271 m η = 2.6	x: 0.112 m η = 3.7	x: 2.273 m η = 1.6	x: 0.112 m η = 2.4	x: 2.273 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 7.5	η < 0.1	η = 1.6	x: 0.112 m η = 0.2	η = 0.1	**CUMPLE η = 7.5**
N376/N374	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.305 m η = 0.5	x: 0.232 m η = 1.8	x: 0.232 m η = 4.5	x: 0.232 m η = 5.8	x: 0.232 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.232 m η = 11.1	η < 0.1	η = 1.1	x: 2.307 m η = 0.2	η = 0.1	**CUMPLE η = 11.1**
N378/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 0.05 m η = 20.5	x: 5.432 m η = 0.5	x: 0.05 m η = 7.7	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 20.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 20.5**
N334/N290	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 5.0	x: 5.45 m η = 35.4	x: 0.068 m η = 6.8	x: 5.45 m η = 10.9	η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 37.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 37.9**
N290/N246	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 4.9	x: 5.45 m η = 40.5	x: 5.45 m η = 1.3	x: 5.45 m η = 10.7	η < 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 40.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**
N246/N202	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.3	η = 4.8	x: 0.05 m η = 40.3	x: 5.45 m η = 1.2	x: 0.05 m η = 10.6	η < 0.1	η < 0.1	x: 0.05 m η < 0.1	x: 0.05 m η = 40.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.4**
N202/N158	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.3	η = 4.7	x: 5.45 m η = 39.6	x: 0.05 m η = 1.3	x: 5.45 m η = 10.5	η < 0.1	η < 0.1	x: 0.05 m η < 0.1	x: 0.05 m η = 39.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.6**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N158/N114	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 4.7	x: 0.05 m η = 39.7	x: 5.45 m η = 1.2	x: 0.05 m η = 10.6	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 39.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.7**
N114/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.2	η = 4.6	x: 5.432 m η = 41.3	x: 5.432 m η = 2.6	x: 5.432 m η = 10.7	η = 0.1	η < 0.1	η < 0.1	x: 5.432 m η = 40.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.3**
N70/N5	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.2	η = 0.3	x: 3.297 m η = 29.0	x: 0.068 m η = 0.4	x: 5.45 m η = 6.4	η < 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 28.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 29.0**
N376/N332	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 13.0	η = 0.9	x: 5.45 m η = 20.6	x: 5.45 m η = 4.3	x: 5.45 m η = 4.3	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 25.6	η < 0.1	η = 0.3	x: 5.45 m η = 2.6	η < 0.1	**CUMPLE η = 25.6**
N332/N288	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.1	η = 1.7	x: 5.45 m η = 28.5	x: 0.05 m η = 8.0	x: 5.45 m η = 5.9	x: 0.05 m η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 34.0	η < 0.1	η = 0.3	x: 5.45 m η = 3.2	η = 0.1	**CUMPLE η = 34.0**
N288/N244	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.0	η = 2.3	x: 5.45 m η = 26.8	x: 0.05 m η = 3.9	x: 5.45 m η = 5.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 29.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 29.7**
N244/N200	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.9	η = 2.8	x: 5.45 m η = 25.8	x: 0.05 m η = 3.8	x: 5.45 m η = 5.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 28.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 28.8**
N200/N156	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 14.9	η = 3.2	x: 5.45 m η = 25.8	x: 0.05 m η = 4.2	x: 5.45 m η = 5.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 29.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 29.3**
N156/N112	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.1	η = 3.6	x: 5.45 m η = 26.1	x: 0.05 m η = 4.0	x: 5.45 m η = 5.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 30.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 30.2**
N112/N68	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 15.3	η = 4.0	x: 5.45 m η = 25.9	x: 0.05 m η = 4.2	x: 5.45 m η = 5.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 33.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.4**
N68/N8	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 13.1	η = 4.3	x: 5.432 m η = 13.9	x: 0.05 m η = 4.0	x: 0.05 m η = 3.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 20.3	η < 0.1	η = 0.2	x: 0.05 m η = 2.3	x: 0.05 m η = 0.2	**CUMPLE η = 20.3**
N395/N351	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 2.203 m η = 18.0	x: 5.432 m η = 2.6	x: 0.05 m η = 6.8	x: 5.43 m η = 0.1	η < 0.1	η < 0.1	x: 2.203 m η = 18.5	η < 0.1	η = 0.8	x: 0.05 m η = 3.8	η < 0.1	**CUMPLE η = 18.5**
N351/N307	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 6.9	η = 0.7	x: 0.068 m η = 39.7	x: 0.068 m η = 9.7	x: 0.068 m η = 10.7	x: 0.068 m η = 0.3	η < 0.1	η < 0.1	x: 0.068 m η = 46.1	η < 0.1	η = 0.3	x: 0.068 m η = 5.5	η = 0.1	**CUMPLE η = 46.1**
N307/N263	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.8	x: 5.45 m η = 40.9	x: 0.05 m η = 5.0	x: 5.45 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 42.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.1**
N263/N219	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.8	x: 5.45 m η = 40.1	x: 0.05 m η = 4.9	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.9**
N219/N175	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.8	x: 5.45 m η = 40.4	x: 0.05 m η = 4.9	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N175/N131	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.9	x: 0.05 m η = 39.4	x: 0.05 m η = 4.9	x: 0.05 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.6**
N131/N87	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 7.0	η = 0.9	x: 5.432 m η = 45.6	x: 0.05 m η = 4.7	x: 5.432 m η = 11.0	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 46.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 46.7**
N87/N38	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η < 0.1	x: 3.297 m η = 21.8	x: 0.068 m η = 3.1	x: 5.45 m η = 6.6	x: 0.068 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 23.0	η < 0.1	η = 0.5	x: 5.45 m η = 3.6	η < 0.1	**CUMPLE η = 23.0**
N393/N349	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.3	x: 0.1 m η = 28.3	x: 5.45 m η = 3.3	x: 5.45 m η = 6.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 29.5	η < 0.1	η = 0.7	x: 5.45 m η = 3.3	η < 0.1	**CUMPLE η = 29.5**
N349/N305	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 40.4	x: 0.05 m η = 8.5	x: 5.45 m η = 11.3	x: 0.05 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 43.3	η < 0.1	η = 0.2	x: 5.45 m η = 9.9	x: 0.05 m η = 0.3	**CUMPLE η = 43.3**
N305/N261	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 39.8	x: 0.05 m η = 4.5	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.0**
N261/N217	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 39.8	x: 0.05 m η = 4.5	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.5**
N217/N173	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 39.7	x: 0.05 m η = 4.5	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N173/N129	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.2	x: 5.45 m η = 39.6	x: 0.05 m η = 4.4	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 41.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.8**
N129/N85	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 1.3	x: 0.05 m η = 39.9	x: 0.05 m η = 4.3	x: 0.05 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.1**
N85/N42	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.6	η = 1.4	x: 0.05 m η = 31.8	x: 0.05 m η = 3.8	x: 0.05 m η = 9.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 33.4	η < 0.1	η = 0.4	x: 0.05 m η = 5.0	η < 0.1	**CUMPLE η = 33.4**
N391/N347	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 0.05 m η = 18.0	x: 5.432 m η = 2.1	x: 0.05 m η = 7.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 19.0	η < 0.1	η = 0.5	x: 0.05 m η = 4.2	η < 0.1	**CUMPLE η = 19.0**
N347/N303	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.8	η = 1.1	x: 5.45 m η = 36.0	x: 0.068 m η = 9.2	x: 5.45 m η = 10.8	x: 0.068 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 39.3	η < 0.1	η = 0.2	x: 5.45 m η = 9.4	x: 0.068 m η = 0.3	**CUMPLE η = 39.3**
N303/N259	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.8	η = 1.0	x: 5.45 m η = 40.5	x: 0.05 m η = 4.1	x: 5.45 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 39.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**
N259/N215	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.8	η = 1.0	x: 0.05 m η = 40.1	x: 0.05 m η = 4.2	x: 0.05 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.8**
N215/N171	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.7	η = 1.0	x: 5.45 m η = 39.7	x: 0.05 m η = 4.2	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.2**
N171/N127	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.7	η = 0.9	x: 0.05 m η = 39.7	x: 0.05 m η = 4.1	x: 0.05 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N127/N83	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.7	η = 0.9	x: 5.432 m η = 42.7	x: 0.05 m η = 3.5	x: 5.432 m η = 10.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 41.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.7**
N83/N34	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.2	η = 0.2	x: 3.297 m η = 28.0	x: 0.068 m η = 1.9	x: 5.45 m η = 6.4	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.566 m η = 29.0	η < 0.1	η = 0.3	x: 5.45 m η = 3.5	η < 0.1	**CUMPLE η = 29.0**
N389/N345	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.7	x: 0.1 m η = 39.0	x: 5.45 m η = 2.6	x: 5.45 m η = 5.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 42.3	η < 0.1	η = 0.3	x: 0.1 m η = 3.3	η < 0.1	**CUMPLE η = 42.3**
N345/N301	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.6	x: 5.45 m η = 39.9	x: 0.05 m η = 8.6	x: 5.45 m η = 11.6	x: 0.05 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 40.9	η < 0.1	η = 0.1	x: 5.45 m η = 10.1	x: 0.05 m η = 0.3	**CUMPLE η = 40.9**
N301/N257	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.7	x: 5.45 m η = 39.9	x: 0.05 m η = 4.1	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 38.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.9**
N257/N213	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.7	x: 0.05 m η = 39.9	x: 0.05 m η = 4.0	x: 0.05 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 40.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.1**
N213/N169	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.7	x: 0.05 m η = 39.6	x: 0.05 m η = 3.9	x: 0.05 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 39.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.7**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N169/N125	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.8	x: 5.45 m η = 39.6	x: 0.05 m η = 3.7	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 39.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.9**
N125/N81	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.8	x: 0.05 m η = 40.2	x: 5.45 m η = 3.3	x: 0.05 m η = 10.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 40.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**
N81/N28	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 4.0	x: 3.548 m η = 29.0	x: 0.05 m η = 2.7	x: 0.05 m η = 9.2	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 3.548 m η = 32.0	η < 0.1	η = 0.2	x: 0.05 m η = 8.0	x: 0.05 m η = 0.1	**CUMPLE η = 32.0**
N386/N342	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 4.0	x: 0.1 m η = 43.5	x: 5.45 m η = 2.1	x: 5.45 m η = 5.7	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 46.8	η < 0.1	η = 0.3	x: 0.1 m η = 3.4	η < 0.1	**CUMPLE η = 46.8**
N342/N298	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.9	x: 5.45 m η = 39.9	x: 5.45 m η = 8.5	x: 5.45 m η = 11.6	x: 5.45 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 44.5	η < 0.1	η = 0.1	x: 5.45 m η = 10.1	x: 5.45 m η = 0.3	**CUMPLE η = 44.5**
N298/N254	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.9	x: 5.45 m η = 39.8	x: 0.05 m η = 2.7	x: 5.45 m η = 10.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 39.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.8**
N254/N210	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 3.9	x: 0.05 m η = 39.9	x: 5.45 m η = 2.7	x: 0.05 m η = 10.5	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 40.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.2**
N210/N166	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 4.0	x: 0.05 m η = 39.6	x: 5.45 m η = 2.9	x: 0.05 m η = 10.5	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 39.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.6**
N166/N122	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 4.0	x: 5.45 m η = 39.6	x: 5.45 m η = 3.0	x: 5.45 m η = 10.5	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 39.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 39.6**
N122/N78	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 4.1	x: 0.05 m η = 40.3	x: 0.05 m η = 4.0	x: 0.05 m η = 10.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.4**
N78/N16	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 4.2	x: 3.548 m η = 29.0	x: 0.05 m η = 3.0	x: 0.05 m η = 9.2	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 3.548 m η = 32.2	η < 0.1	η = 0.1	x: 0.05 m η = 8.0	x: 0.05 m η = 0.1	**CUMPLE η = 32.2**
N384/N340	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 2.741 m η = 18.3	x: 5.432 m η = 1.6	x: 0.05 m η = 7.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.741 m η = 18.8	η < 0.1	η = 0.5	x: 0.05 m η = 4.2	η < 0.1	**CUMPLE η = 18.8**
N340/N296	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 5.45 m η = 36.4	x: 5.45 m η = 8.5	x: 5.45 m η = 10.8	x: 5.45 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 43.3	η < 0.1	η = 0.2	x: 5.45 m η = 9.5	x: 5.45 m η = 0.3	**CUMPLE η = 43.3**
N296/N252	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 5.45 m η = 40.4	x: 0.05 m η = 2.7	x: 5.45 m η = 10.7	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 41.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.3**
N252/N208	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 0.05 m η = 40.0	x: 0.05 m η = 2.7	x: 0.05 m η = 10.5	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.7**
N208/N164	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 5.45 m η = 39.6	x: 5.45 m η = 2.6	x: 5.45 m η = 10.5	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 40.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.7**
N164/N120	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.0	x: 0.05 m η = 39.7	x: 5.45 m η = 2.6	x: 0.05 m η = 10.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.3**
N120/N76	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.432 m η = 42.3	x: 0.05 m η = 4.3	x: 5.432 m η = 10.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N76/N12	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.2	x: 3.297 m η = 28.0	x: 0.068 m η = 2.2	x: 5.45 m η = 6.4	x: 0.068 m η = 0.1	η < 0.1	η < 0.1	x: 3.566 m η = 29.1	η < 0.1	η = 0.3	x: 5.45 m η = 3.5	η < 0.1	**CUMPLE η = 29.1**
N382/N338	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.5	η = 1.1	x: 0.1 m η = 26.3	x: 5.45 m η = 2.7	x: 5.45 m η = 6.4	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 25.5	η < 0.1	η = 0.8	x: 5.45 m η = 3.5	η < 0.1	**CUMPLE η = 26.3**
N338/N294	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.1	x: 5.45 m η = 41.0	x: 5.45 m η = 8.4	x: 5.45 m η = 11.3	x: 5.45 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 47.9	η < 0.1	η = 0.2	x: 5.45 m η = 9.9	x: 5.45 m η = 0.3	**CUMPLE η = 47.9**
N294/N250	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.45 m η = 39.7	x: 0.05 m η = 3.0	x: 5.45 m η = 10.5	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 41.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.0**
N250/N206	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.45 m η = 39.8	x: 0.05 m η = 2.9	x: 5.45 m η = 10.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.6**
N206/N162	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.45 m η = 39.7	x: 5.45 m η = 2.3	x: 5.45 m η = 10.5	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 40.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**
N162/N118	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 5.45 m η = 39.7	x: 0.05 m η = 2.6	x: 5.45 m η = 10.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 40.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 40.5**
N118/N74	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.3	η = 1.0	x: 0.05 m η = 40.0	x: 0.05 m η = 4.5	x: 0.05 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.3**
N74/N20	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 1.1	x: 0.05 m η = 31.3	x: 0.05 m η = 4.0	x: 0.05 m η = 9.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 33.9	η < 0.1	η = 0.4	x: 0.05 m η = 5.0	η < 0.1	**CUMPLE η = 33.9**
N380/N336	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 0.1	x: 2.472 m η = 18.7	x: 5.432 m η = 1.9	x: 0.05 m η = 6.8	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.203 m η = 19.4	η < 0.1	η = 0.8	x: 0.05 m η = 3.8	η < 0.1	**CUMPLE η = 19.4**
N336/N292	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.1	η = 2.2	x: 0.068 m η = 38.8	x: 5.45 m η = 7.8	x: 0.068 m η = 10.6	x: 5.45 m η = 0.3	η < 0.1	η < 0.1	x: 5.45 m η = 44.2	η < 0.1	η = 0.2	x: 0.068 m η = 5.5	η = 0.1	**CUMPLE η = 44.2**
N292/N248	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.45 m η = 41.1	x: 0.05 m η = 3.3	x: 5.45 m η = 10.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 43.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 43.6**
N248/N204	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.45 m η = 40.5	x: 0.05 m η = 3.0	x: 5.45 m η = 10.6	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 43.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 43.2**
N204/N160	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.45 m η = 40.8	x: 0.05 m η = 2.5	x: 5.45 m η = 10.6	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 43.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 43.7**
N160/N116	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.45 m η = 39.3	x: 0.05 m η = 2.4	x: 5.45 m η = 10.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 42.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 42.2**
N116/N72	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 2.2	x: 5.432 m η = 46.0	x: 0.05 m η = 4.1	x: 5.432 m η = 11.0	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 48.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 48.4**
N72/N24	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η < 0.1	x: 3.297 m η = 22.6	x: 0.068 m η = 2.7	x: 5.45 m η = 6.6	x: 0.068 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 23.3	η < 0.1	η = 0.5	x: 5.45 m η = 3.5	η < 0.1	**CUMPLE η = 23.3**
N354/N310	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.9	η = 4.5	x: 5.45 m η = 25.9	x: 5.45 m η = 1.4	x: 5.45 m η = 4.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 30.1	η < 0.1	η = 0.5	x: 5.45 m η = 2.8	η < 0.1	**CUMPLE η = 30.1**
N310/N266	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.8	η = 5.0	x: 5.45 m η = 29.8	x: 5.45 m η = 6.2	x: 5.45 m η = 6.1	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 37.3	η < 0.1	η = 0.1	x: 5.45 m η = 5.2	x: 5.45 m η = 0.2	**CUMPLE η = 37.3**
N266/N222	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.6	η = 5.6	x: 5.45 m η = 29.4	x: 0.05 m η = 2.7	x: 5.45 m η = 6.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 33.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.9**
N222/N178	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.3	η = 6.0	x: 5.45 m η = 29.7	x: 0.05 m η = 1.9	x: 5.45 m η = 6.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 34.9	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 34.9**
N178/N134	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.1	η = 6.5	x: 5.45 m η = 30.0	x: 0.05 m η = 1.5	x: 5.45 m η = 6.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 35.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 35.6**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N134/N90	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.9	η = 6.9	x: 5.45 m η = 30.3	x: 0.05 m η = 1.5	x: 5.45 m η = 6.1	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 36.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 36.5**
N90/N46	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.7	η = 7.4	x: 5.45 m η = 30.0	x: 0.05 m η = 3.2	x: 5.45 m η = 6.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 36.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 36.0**
N46/N7	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.4	η = 7.9	x: 0.05 m η = 21.1	x: 0.05 m η = 2.5	x: 0.05 m η = 4.7	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 21.2	η < 0.1	η = 0.2	x: 0.05 m η = 2.4	η < 0.1	**CUMPLE η = 21.2**
N353/N400	x: 0 m $\bar{\lambda} < 2.0$ Cumple	x: 0.273 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 5.46 m η < 0.1	x: 0 m η < 0.1	x: 5.46 m η = 4.4	x: 5.46 m η = 7.0	x: 5.46 m η = 0.6	x: 5.46 m η = 0.9	x: 0.273 m η < 0.1	x: 0.273 m η < 0.1	x: 5.46 m η = 11.6	x: 0.273 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 11.6**
N400/N399	x: 0 m $\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 4.713 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 1.9	x: 0 m η = 1.6	x: 4.715 m η = 0.5	x: 0 m η = 0.3	η < 0.1	η < 0.1	x: 0 m η = 3.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 3.5**
N399/N398	x: 0.745 m $\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 5.46 m η < 0.1	x: 0.745 m η < 0.1	x: 0.745 m η = 2.7	x: 0.745 m η = 6.5	x: 0.745 m η = 0.7	x: 0.745 m η = 1.8	η < 0.1	η < 0.1	x: 0.745 m η = 9.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 9.3**
N398/N397	x: 0 m $\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 5.46 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 3.2	x: 0 m η = 5.8	x: 0 m η = 0.6	x: 0 m η = 1.0	η < 0.1	η < 0.1	x: 0 m η = 9.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 9.0**
N397/N377	x: 0 m $\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 5.46 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 3.9	x: 0 m η = 3.6	x: 0 m η = 0.6	x: 0 m η = 0.6	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 7.5	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 7.5**
N401/N406	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.7	η = 3.2	x: 5.42 m η = 7.5	x: 5.42 m η = 26.7	x: 5.42 m η = 1.2	x: 5.42 m η = 4.6	η < 0.1	η < 0.1	x: 5.42 m η = 36.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 36.8**
N406/N405	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.1	η = 3.7	x: 0 m η = 7.5	x: 0 m η = 26.7	x: 0 m η = 1.1	x: 0 m η = 4.0	η < 0.1	η < 0.1	x: 0 m η = 37.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 37.3**
N405/N404	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.5	η = 4.2	x: 0 m η = 5.5	x: 0 m η = 24.2	x: 0 m η = 1.0	x: 0 m η = 3.9	η < 0.1	η < 0.1	x: 0 m η = 33.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.2**
N404/N403	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.3	η = 5.2	x: 5.42 m η = 6.0	x: 5.42 m η = 20.1	x: 5.42 m η = 0.9	x: 0 m η = 3.1	η < 0.1	η < 0.1	x: 5.42 m η = 30.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 30.5**
N403/N402	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 5.6	η = 6.8	x: 0 m η = 6.0	x: 0 m η = 20.1	x: 0 m η = 1.0	x: 0 m η = 3.1	η < 0.1	η < 0.1	x: 0 m η = 31.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 31.8**
N407/N412	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 1.4	η = 0.9	x: 5.42 m η = 5.3	x: 5.42 m η = 15.1	x: 5.42 m η = 0.9	x: 5.42 m η = 2.5	η < 0.1	η < 0.1	x: 5.42 m η = 21.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 21.8**
N412/N411	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.0	η = 3.4	x: 0 m η = 5.3	x: 0 m η = 15.1	x: 0 m η = 0.8	x: 0 m η = 2.2	η < 0.1	η < 0.1	x: 0 m η = 24.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 24.4**
N411/N410	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 4.9	η = 4.4	x: 0 m η = 4.0	x: 0 m η = 12.2	x: 0 m η = 0.7	x: 0 m η = 2.1	x: 0 m η < 0.1	η < 0.1	x: 0 m η = 21.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 21.1**
N410/N409	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.9	η = 3.9	x: 5.42 m η = 5.3	x: 5.42 m η = 16.1	x: 5.42 m η = 0.8	x: 5.42 m η = 2.2	η < 0.1	η < 0.1	x: 5.42 m η = 25.0	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 25.0**
N409/N408	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.0	η = 3.7	x: 0 m η = 5.3	x: 0 m η = 16.1	x: 0 m η = 0.9	x: 0 m η = 2.5	η < 0.1	η < 0.1	x: 0 m η = 24.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 24.2**
N376/N351	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 21.9	x: 0.056 m η = 12.0	x: 0.056 m η = 54.9	x: 6.076 m η = 3.3	x: 0.056 m η = 5.4	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 75.3	η < 0.1	η = 1.8	x: 0.056 m η = 2.8	η < 0.1	**CUMPLE η = 75.3**
N351/N393	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.018 m η = 14.3	x: 0.056 m η = 10.2	x: 6.02 m η = 53.4	x: 0.056 m η = 3.2	x: 6.02 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 6.02 m η = 65.2	η < 0.1	η = 1.4	x: 6.02 m η = 2.9	η < 0.1	**CUMPLE η = 65.2**
N393/N347	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 9.8	x: 0.112 m η = 12.8	x: 0.112 m η = 60.1	x: 6.076 m η = 2.9	x: 0.112 m η = 5.7	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.112 m η = 72.4	η < 0.1	η = 1.1	x: 0.112 m η = 3.0	η < 0.1	**CUMPLE η = 72.4**
N347/N389	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.018 m η = 11.6	x: 0.056 m η = 6.3	x: 6.02 m η = 60.9	x: 0.056 m η = 3.1	x: 6.02 m η = 5.8	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 6.02 m η = 69.2	η < 0.1	η = 1.0	x: 6.02 m η = 3.0	η < 0.1	**CUMPLE η = 69.2**
N389/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 2.6	x: 0.112 m η = 4.9	x: 0.112 m η = 63.6	x: 0.112 m η = 2.8	x: 0.112 m η = 5.8	x: 0.112 m η = 0.4	η < 0.1	η < 0.1	x: 0.112 m η = 68.9	η < 0.1	η = 0.1	x: 0.112 m η = 3.0	η < 0.1	**CUMPLE η = 68.9**
N386/N334	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 10.7	x: 0.112 m η = 7.7	x: 0.112 m η = 63.1	x: 0.112 m η = 2.7	x: 0.112 m η = 5.8	x: 0.112 m η = 0.4	η < 0.1	η < 0.1	x: 0.112 m η = 76.2	η < 0.1	η = 0.1	x: 0.112 m η = 5.1	x: 0.112 m η = 0.4	**CUMPLE η = 76.2**
N340/N386	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.018 m η = 14.0	x: 0.056 m η = 14.6	x: 6.02 m η = 59.5	x: 0.056 m η = 2.8	x: 6.02 m η = 5.8	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 6.02 m η = 75.9	η < 0.1	η = 1.2	x: 6.02 m η = 3.1	η < 0.1	**CUMPLE η = 75.9**
N382/N340	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 17.9	x: 0.112 m η = 16.1	x: 0.112 m η = 61.8	x: 6.076 m η = 2.6	x: 0.112 m η = 5.7	x: 0.112 m η = 0.4	η < 0.1	η < 0.1	x: 0.112 m η = 82.1	η < 0.1	η = 1.8	x: 0.112 m η = 3.0	x: 0.112 m η = 0.4	**CUMPLE η = 82.1**
N336/N382	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.018 m η = 20.4	x: 0.056 m η = 15.3	x: 6.02 m η = 53.4	x: 0.056 m η = 2.8	x: 6.02 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 6.02 m η = 70.5	η < 0.1	η = 1.6	x: 6.02 m η = 2.9	η < 0.1	**CUMPLE η = 70.5**
N354/N336	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 10.7	x: 0.056 m η = 14.9	x: 0.056 m η = 52.8	x: 6.076 m η = 2.8	x: 0.056 m η = 5.3	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 66.1	η < 0.1	η = 2.4	x: 0.056 m η = 2.8	η < 0.1	**CUMPLE η = 66.1**
N8/N87	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 29.8	x: 0.056 m η = 12.5	x: 0.056 m η = 61.1	x: 6.076 m η = 3.2	x: 0.056 m η = 5.6	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 93.0	η < 0.1	η = 1.8	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 93.0**
N87/N42	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 15.3	x: 0.056 m η = 22.5	x: 0.056 m η = 52.5	x: 0.056 m η = 3.6	x: 0.056 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 78.6	η < 0.1	η = 0.7	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 78.6**
N42/N83	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 16.6	x: 0.056 m η = 13.1	x: 6.076 m η = 50.9	x: 6.076 m η = 2.9	x: 6.076 m η = 5.5	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 6.076 m η = 70.2	η < 0.1	η = 2.2	x: 6.076 m η = 2.9	η < 0.1	**CUMPLE η = 70.2**
N83/N28	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 12.9	x: 0.056 m η = 14.0	x: 0.056 m η = 49.8	x: 0.056 m η = 3.5	x: 0.056 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 67.0	η < 0.1	η = 1.3	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 67.0**
N28/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 4.4	x: 0.056 m η = 5.2	x: 6.076 m η = 49.5	x: 6.076 m η = 2.6	x: 6.076 m η = 5.5	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 6.076 m η = 56.2	η < 0.1	η = 1.7	x: 6.076 m η = 2.9	η < 0.1	**CUMPLE η = 56.2**
N16/N70	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 7.3	x: 0.056 m η = 5.7	x: 6.076 m η = 49.5	x: 6.076 m η = 2.7	x: 6.076 m η = 5.5	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 6.076 m η = 59.4	η < 0.1	η = 1.7	x: 6.076 m η = 2.9	η < 0.1	**CUMPLE η = 59.4**
N76/N16	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 14.5	x: 0.056 m η = 16.6	x: 0.056 m η = 49.7	x: 0.056 m η = 3.6	x: 0.056 m η = 5.5	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 69.9	η < 0.1	η = 1.3	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 69.9**
N20/N76	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 19.0	x: 0.056 m η = 15.6	x: 6.076 m η = 50.8	x: 6.076 m η = 3.0	x: 6.076 m η = 5.5	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 6.076 m η = 72.8	η < 0.1	η = 2.3	x: 6.076 m η = 2.9	η < 0.1	**CUMPLE η = 72.8**
N72/N20	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 17.7	x: 0.056 m η = 22.7	x: 0.056 m η = 52.1	x: 0.056 m η = 3.6	x: 0.056 m η = 5.6	x: 0.056 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 78.4	η < 0.1	η = 0.8	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 78.4**
N7/N72	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 6.074 m η = 17.9	x: 0.056 m η = 11.8	x: 0.056 m η = 59.7	x: 6.076 m η = 3.1	x: 0.056 m η = 5.6	x: 6.076 m η = 0.4	η < 0.1	η < 0.1	x: 0.056 m η = 79.9	η < 0.1	η = 2.5	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 79.9**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N413/N414	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.4	η = 0.5	x: 5.42 m η = 3.4	x: 5.42 m η = 11.7	x: 5.42 m η = 0.6	x: 5.42 m η = 2.7	η < 0.1	η < 0.1	x: 5.42 m η = 15.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 15.5**
N414/N399	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.6	η = 0.7	x: 0 m η = 3.4	x: 0 m η = 11.7	x: 0 m η = 0.5	x: 0 m η = 2.0	η < 0.1	η < 0.1	x: 0 m η = 15.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 15.6**
N398/N404	$\bar{\lambda} < 2.0$ Cumple	x: 0.184 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 1.47 m η = 2.4	x: 0 m η = 3.8	x: 1.47 m η = 17.7	x: 1.47 m η = 5.5	η = 5.4	η = 0.3	x: 0.184 m η < 0.1	x: 0.184 m η < 0.1	x: 1.47 m η = 25.6	x: 0.184 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 25.6**
N404/N410	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 2.5	x: 0 m η = 4.2	x: 2.55 m η = 31.5	x: 2.55 m η = 6.9	η = 3.9	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 41.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 41.5**
N410/N389	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.428 m η = 2.6	x: 0 m η = 3.1	x: 0 m η = 29.4	x: 0 m η = 6.9	η = 6.0	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 38.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 38.4**
N399/N405	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.13 m η = 2.2	x: 0.09 m η = 4.1	x: 0.09 m η = 26.7	x: 2.13 m η = 3.9	η = 7.7	η = 0.1	η < 0.1	η < 0.1	x: 0.09 m η = 33.0	η < 0.1	η = 0.1	η = 1.2	η < 0.1	**CUMPLE η = 33.0**
N405/N411	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 2.3	x: 0 m η = 4.1	x: 2.55 m η = 32.7	x: 2.55 m η = 5.1	η = 3.6	η = 0.3	η < 0.1	η < 0.1	x: 2.55 m η = 40.7	η < 0.1	η = 0.1	η = 2.8	η = 0.2	**CUMPLE η = 40.7**
N411/N386	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.428 m η = 2.4	x: 0 m η = 3.0	x: 0.429 m η = 31.9	x: 0.429 m η = 9.9	η = 5.5	η = 1.0	η < 0.1	η < 0.1	x: 0.429 m η = 42.7	η < 0.1	η = 0.1	η = 4.9	η = 0.9	**CUMPLE η = 42.7**
N400/N414	$\bar{\lambda} < 2.0$ Cumple	x: 0.165 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.66 m η = 1.3	x: 0 m η = 3.0	x: 0.66 m η = 9.0	x: 0.66 m η = 1.9	η = 6.1	η = 0.2	x: 0.165 m η < 0.1	x: 0.165 m η < 0.1	x: 0.66 m η = 13.6	x: 0.165 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 13.6**
N414/N406	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.13 m η = 1.5	x: 0 m η = 3.2	x: 2.13 m η = 27.1	x: 2.13 m η = 3.7	η = 3.5	η = 0.1	η < 0.1	η < 0.1	x: 2.13 m η = 33.1	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.1**
N406/N412	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 1.7	x: 0 m η = 3.1	x: 0 m η = 27.6	x: 2.55 m η = 5.2	η = 4.4	η = 0.3	η < 0.1	η < 0.1	x: 0 m η = 33.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.6**
N412/N382	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.268 m η = 1.8	x: 0 m η = 2.2	x: 0.269 m η = 24.1	x: 0.269 m η = 11.7	η = 6.8	η = 2.1	η < 0.1	η < 0.1	x: 0.269 m η = 37.5	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 37.5**
N397/N403	$\bar{\lambda} < 2.0$ Cumple	x: 0.203 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.81 m η = 2.0	x: 0 m η = 3.1	x: 0.81 m η = 10.4	x: 0.81 m η = 6.8	η = 5.8	η = 0.7	x: 0.203 m η < 0.1	x: 0.203 m η < 0.1	x: 0.81 m η = 18.8	x: 0.203 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 18.8**
N403/N409	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 2.55 m η = 2.2	x: 0 m η = 3.7	x: 2.55 m η = 26.4	x: 2.55 m η = 7.6	η = 3.4	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 36.4	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 36.4**
N409/N393	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	x: 0.268 m η = 2.3	x: 0 m η = 2.7	x: 0 m η = 24.6	x: 0.269 m η = 8.5	η = 5.9	η = 0.4	η < 0.1	η < 0.1	x: 0.269 m η = 33.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 33.8**
N419/N418	$\bar{\lambda} < 2.0$ Cumple	x: 0.344 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 41.2	x: 5.5 m η = 5.8	x: 5.5 m η = 17.5	x: 5.5 m η = 0.9	x: 5.5 m η = 2.8	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 57.1	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 57.1**
N418/N417	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.3	η = 41.3	x: 0 m η = 5.8	x: 0 m η = 17.5	x: 0 m η = 0.8	x: 0 m η = 2.5	η < 0.1	η < 0.1	x: 0 m η = 57.2	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 57.2**
N417/N416	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.5	η = 41.1	x: 5.5 m η = 5.8	x: 5.5 m η = 18.6	x: 5.5 m η = 0.8	x: 5.5 m η = 2.5	η < 0.1	η < 0.1	x: 5.5 m η = 57.3	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 57.3**
N416/N415	$\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.6	η = 37.2	x: 0 m η = 5.8	x: 0 m η = 18.6	x: 0 m η = 0.9	x: 0 m η = 2.8	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 53.2	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 53.2**
N427/N426	$\bar{\lambda} < 2.0$ Cumple	x: 0.344 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.9	x: 5.5 m η = 5.9	x: 5.5 m η = 18.1	x: 5.5 m η = 1.0	x: 5.5 m η = 2.9	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 68.6	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**
N426/N425	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.9	x: 0 m η = 5.9	x: 0 m η = 18.1	x: 0 m η = 0.8	x: 0 m η = 2.5	η < 0.1	η < 0.1	x: 0 m η = 68.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**
N425/N424	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.8	x: 5.5 m η = 5.9	x: 5.5 m η = 18.1	x: 5.5 m η = 0.8	x: 5.5 m η = 2.5	η < 0.1	η < 0.1	x: 5.5 m η = 68.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**
N424/N423	$\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 49.9	x: 0 m η = 5.9	x: 0 m η = 18.1	x: 0 m η = 1.0	x: 0 m η = 2.9	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 66.6	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 66.6**
N408/N422	$\bar{\lambda} < 2.0$ Cumple	x: 0.344 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 3.4	η = 36.2	x: 5.5 m η = 5.8	x: 5.5 m η = 20.1	x: 5.5 m η = 0.9	x: 5.5 m η = 2.8	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 52.6	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 52.6**
N422/N421	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.7	η = 40.3	x: 0 m η = 5.8	x: 0 m η = 20.1	x: 0 m η = 0.8	x: 0 m η = 2.6	η < 0.1	η < 0.1	x: 0 m η = 56.8	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 56.8**
N421/N420	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.3	η = 40.8	x: 5.5 m η = 5.8	x: 5.5 m η = 17.6	x: 5.5 m η = 0.8	x: 5.5 m η = 2.5	η < 0.1	η < 0.1	x: 5.5 m η = 56.7	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 56.7**
N420/N419	$\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 2.2	η = 41.0	x: 0 m η = 5.8	x: 0 m η = 17.6	x: 0 m η = 0.9	x: 0 m η = 2.8	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 56.9	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 56.9**
N402/N430	$\bar{\lambda} < 2.0$ Cumple	x: 0.344 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η = 0.1	η = 49.9	x: 5.5 m η = 5.9	x: 5.5 m η = 18.1	x: 5.5 m η = 1.0	x: 5.5 m η = 2.9	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 66.6	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 66.6**
N430/N429	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.8	x: 0 m η = 5.9	x: 0 m η = 18.1	x: 0 m η = 0.8	x: 0 m η = 2.5	η < 0.1	η < 0.1	x: 0 m η = 68.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**
N429/N428	$\bar{\lambda} < 2.0$ Cumple	$\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.9	x: 5.5 m η = 5.9	x: 5.5 m η = 18.1	x: 5.5 m η = 0.8	x: 5.5 m η = 2.5	η < 0.1	η < 0.1	x: 5.5 m η = 68.6	η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**
N428/N427	$\bar{\lambda} < 2.0$ Cumple	x: 0 m $\lambda_w \leq \lambda_{w,máx}$ Cumple	η < 0.1	η = 51.9	x: 0 m η = 5.9	x: 0 m η = 18.1	x: 0 m η = 1.0	x: 0 m η = 2.9	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 68.6	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(1)	N.P.(2)	N.P.(2)	**CUMPLE η = 68.6**

Barras	COMPROBACIONES (CTE DB SE-A) - TEMPERATURA AMBIENTE															Estado
	$\bar{\lambda}$	λ_w	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	

Notación:

$\bar{\lambda}$: Limitación de esbeltez
λ_w: Abolladura del alma inducida por el ala comprimida
N_t: Resistencia a tracción
N_c: Resistencia a compresión
M_Y: Resistencia a flexión eje Y
M_Z: Resistencia a flexión eje Z
V_Z: Resistencia a corte Z
V_Y: Resistencia a corte Y
M_YV_Z: Resistencia a momento flector Y y fuerza cortante Z combinados
M_ZV_Y: Resistencia a momento flector Z y fuerza cortante Y combinados
NM_YM_Z: Resistencia a flexión y axil combinados
$NM_YM_ZV_YV_Z$: Resistencia a flexión, axil y cortante combinados
M_t: Resistencia a torsión
M_tV_Z: Resistencia a cortante Z y momento torsor combinados
M_tV_Y: Resistencia a cortante Y y momento torsor combinados
x: Distancia al origen de la barra
η: Coeficiente de aprovechamiento (%)
N.P.: No procede

Comprobaciones que no proceden (N.P.):

(1) La comprobación no procede, ya que no hay momento torsor.
(2) No hay interacción entre momento torsor y esfuerzo cortante para ninguna combinación. Por lo tanto, la comprobación no procede.
(3) La comprobación no procede, ya que no hay axil de tracción.

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N1/N7	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 12.7	x: 6.109 m η = 43.4	x: 0 m η = 10.2	η = 7.6	η = 0.4	η < 0.1	η < 0.1	x: 6.109 m η = 58.3	η < 0.1	η = 0.1	η = 0.7	η = 0.3	**CUMPLE η = 58.3**
N7/N2	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 29.8	x: 0.091 m η = 1.8	η = 9.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 31.6	η < 0.1	η = 1.6	η = 5.8	η < 0.1	**CUMPLE η = 31.6**
N2/N25	η = 8.9	η = 0.8	x: 1.306 m η = 8.4	x: 1.306 m η = 1.7	x: 1.306 m η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 1.306 m η = 19.1	η < 0.1	η = 8.7	x: 1.306 m η = 1.4	η = 0.2	**CUMPLE η = 19.1**
N25/N23	N_{Ed} = 0.00 N.P.(1)	η = 1.0	x: 0.049 m η = 11.0	x: 1.306 m η = 3.2	x: 0.049 m η = 2.3	η = 0.5	η < 0.1	η < 0.1	x: 0.049 m η = 11.9	η < 0.1	η = 8.8	x: 0.049 m η = 1.7	η = 0.3	**CUMPLE η = 11.9**
N23/N21	N_{Ed} = 0.00 N.P.(1)	η = 14.1	x: 1.306 m η = 4.9	x: 1.306 m η = 4.2	x: 0.049 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 1.306 m η = 23.2	η < 0.1	η = 8.6	x: 0.049 m η = 0.7	η = 0.3	**CUMPLE η = 23.2**
N21/N19	N_{Ed} = 0.00 N.P.(1)	η = 25.7	x: 1.305 m η = 6.7	x: 1.305 m η = 5.0	x: 0.049 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 37.3	η < 0.1	η = 7.5	x: 0.049 m η = 0.8	η = 0.2	**CUMPLE η = 37.3**
N19/N9	η = 0.3	η = 37.3	x: 1.305 m η = 6.9	x: 0.05 m η = 3.6	x: 0.05 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 47.7	η < 0.1	η = 7.2	x: 0.05 m η = 0.7	η < 0.1	**CUMPLE η = 47.7**
N9/N11	η = 0.4	η = 46.5	x: 1.304 m η = 7.5	x: 0.05 m η = 1.5	x: 0.05 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 54.5	η < 0.1	η = 6.0	x: 0.05 m η = 0.7	η = 0.1	**CUMPLE η = 54.5**
N11/N13	η = 0.7	η = 55.4	x: 1.304 m η = 7.2	x: 1.304 m η = 0.8	x: 0.051 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 63.5	η < 0.1	η = 3.5	x: 0.051 m η = 0.5	η = 0.1	**CUMPLE η = 63.5**
N13/N15	η = 0.9	η = 62.9	x: 1.304 m η = 9.2	x: 1.304 m η = 2.8	x: 0.051 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 74.9	η < 0.1	η = 2.1	x: 0.051 m η = 0.7	η = 0.2	**CUMPLE η = 74.9**
N15/N17	η = 1.5	η = 70.0	x: 1.094 m η = 7.7	x: 0.051 m η = 2.5	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.468 m η = 79.3	η < 0.1	η = 2.5	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 79.3**
N17/N6	η = 1.6	η = 74.4	x: 1.303 m η = 14.6	x: 1.303 m η = 2.7	x: 0.052 m η = 1.4	η = 0.4	η < 0.1	η < 0.1	x: 1.303 m η = 91.7	η < 0.1	η = 1.7	x: 0.052 m η = 0.9	η = 0.2	**CUMPLE η = 91.7**
N6/N29	η = 1.7	η = 75.1	x: 0.052 m η = 14.4	x: 0.052 m η = 2.6	x: 1.303 m η = 1.3	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 92.2	η < 0.1	η = 2.1	x: 1.303 m η = 0.9	η = 0.2	**CUMPLE η = 92.2**
N29/N27	η = 1.7	η = 71.5	x: 0.469 m η = 7.7	x: 1.304 m η = 2.5	x: 1.304 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.887 m η = 81.0	η < 0.1	η = 3.0	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 81.0**
N27/N31	η = 1.3	η = 65.1	x: 0.051 m η = 9.3	x: 0.051 m η = 2.9	x: 1.304 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 77.3	η < 0.1	η = 2.5	x: 1.304 m η = 0.6	η = 0.2	**CUMPLE η = 77.3**
N31/N33	η = 1.1	η = 58.3	x: 0.051 m η = 7.4	x: 0.051 m η = 0.9	x: 1.304 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 66.5	η < 0.1	η = 4.0	x: 1.304 m η = 0.5	η = 0.1	**CUMPLE η = 66.5**
N33/N35	η = 0.8	η = 50.0	x: 0.051 m η = 7.7	x: 1.305 m η = 1.7	x: 1.305 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 58.3	η < 0.1	η = 6.7	x: 1.305 m η = 0.6	η = 0.1	**CUMPLE η = 58.3**
N35/N41	η = 0.8	η = 41.4	x: 0.05 m η = 7.1	x: 1.303 m η = 3.9	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 52.4	η < 0.1	η = 8.2	x: 1.305 m η = 0.7	η < 0.1	**CUMPLE η = 52.4**
N41/N39	η = 0.4	η = 30.4	x: 0.05 m η = 7.1	x: 0.05 m η = 5.5	x: 1.306 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 43.0	η < 0.1	η = 8.8	x: 1.306 m η = 0.8	η = 0.2	**CUMPLE η = 43.0**
N39/N37	η = 0.3	η = 19.3	x: 0.049 m η = 5.2	x: 0.049 m η = 5.0	x: 1.306 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.049 m η = 29.6	η < 0.1	η = 10.1	x: 1.306 m η = 0.7	η = 0.3	**CUMPLE η = 29.6**
N37/N44	η < 0.1	η = 6.7	x: 1.306 m η = 7.3	x: 0.049 m η = 3.9	x: 1.306 m η = 1.9	η = 0.6	η < 0.1	η < 0.1	x: 0.049 m η = 16.2	η < 0.1	η = 10.4	x: 1.306 m η = 1.4	η = 0.4	**CUMPLE η = 16.2**
N44/N3	η = 3.4	η = 0.7	x: 1.225 m η = 5.8	x: 0.049 m η = 2.1	x: 1.225 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 1.225 m η = 9.8	η < 0.1	η = 10.5	x: 1.225 m η = 0.4	η = 0.3	**CUMPLE η = 10.5**
N4/N423	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 4.5	x: 0.15 m η = 8.7	x: 0 m η = 47.4	η = 3.4	η = 20.2	η < 0.1	η < 0.1	x: 0 m η = 54.0	η < 0.1	η = 0.2	η = 2.3	η = 20.2	**CUMPLE η = 54.0**
N423/N415	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 4.9	x: 2.55 m η = 20.6	x: 2.55 m η = 25.9	η = 3.7	η = 1.9	η < 0.1	η < 0.1	x: 2.55 m η = 42.7	η < 0.1	η = 0.2	η = 2.3	η = 1.9	**CUMPLE η = 42.7**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N415/N8	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 4.2	x: 0.109 m η = 21.2	x: 0 m η = 25.9	η = 4.2	η = 9.6	η < 0.1	η < 0.1	x: 0 m η = 42.6	η < 0.1	η = 0.2	η = 2.3	η = 9.7	**CUMPLE η = 42.6**
N8/N3	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 0.2	x: 0.091 m η = 12.3	x: 0.091 m η = 2.1	η = 3.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 14.6	η < 0.1	η = 2.0	η = 2.5	η < 0.1	**CUMPLE η = 14.6**
N5/N6	x: 1.51 m η = 17.9	x: 0.091 m η = 2.5	x: 1.51 m η = 0.5	x: 1.51 m η = 8.0	η = 0.1	η = 1.1	η < 0.1	η < 0.1	x: 1.51 m η = 26.3	η < 0.1	η = 0.1	η < 0.1	η = 0.6	**CUMPLE η = 26.3**
N7/N26	x: 1.304 m η = 0.2	x: 0.131 m η = 1.7	x: 0.131 m η = 90.7	x: 0.131 m η = 3.2	x: 0.131 m η = 15.4	η = 0.6	η < 0.1	η < 0.1	x: 0.131 m η = 95.6	η < 0.1	η = 14.6	x: 0.131 m η = 10.9	η = 0.5	**CUMPLE η = 95.6**
N26/N24	x: 1.303 m η = 11.9	x: 0.05 m η = 1.7	x: 0.05 m η = 15.4	x: 1.305 m η = 2.6	x: 1.305 m η = 2.0	η = 0.7	η < 0.1	η < 0.1	x: 0.05 m η = 29.3	η < 0.1	η = 14.0	x: 1.305 m η = 1.5	η = 0.5	**CUMPLE η = 29.3**
N24/N22	x: 1.303 m η = 23.4	x: 0.051 m η = 1.8	x: 1.305 m η = 4.3	x: 0.051 m η = 1.4	x: 0.051 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 0.051 m η = 28.4	η < 0.1	η = 10.0	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 28.4**
N22/N20	x: 1.303 m η = 35.1	x: 0.051 m η = 2.2	x: 1.305 m η = 7.2	x: 0.051 m η = 1.5	x: 0.051 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 42.4	η < 0.1	η = 12.0	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 42.4**
N20/N10	x: 1.302 m η = 58.3	x: 0.051 m η = 7.1	x: 0.886 m η = 5.1	x: 0.051 m η = 3.7	x: 0.051 m η = 0.4	η = 0.7	η < 0.1	η < 0.1	x: 0.051 m η = 66.3	η < 0.1	η = 0.7	x: 0.051 m η = 0.3	η = 0.4	**CUMPLE η = 66.3**
N10/N12	x: 1.302 m η = 67.3	x: 0.052 m η = 7.4	x: 1.304 m η = 8.6	x: 1.304 m η = 4.8	x: 0.052 m η = 1.2	η = 0.8	η < 0.1	η < 0.1	x: 1.304 m η = 80.7	η < 0.1	η = 1.5	x: 0.052 m η = 0.8	η = 0.5	**CUMPLE η = 80.7**
N12/N14	x: 1.301 m η = 74.8	x: 0.052 m η = 7.6	x: 1.094 m η = 6.1	x: 0.052 m η = 1.9	x: 0.052 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.469 m η = 81.7	η < 0.1	η = 5.0	x: 0.052 m η = 0.3	η = 0.2	**CUMPLE η = 81.7**
N14/N16	x: 1.301 m η = 81.9	x: 0.053 m η = 8.1	x: 1.303 m η = 10.8	x: 1.303 m η = 2.5	x: 0.053 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 95.2	η < 0.1	η = 6.4	x: 0.053 m η = 0.9	η = 0.2	**CUMPLE η = 95.2**
N16/N18	x: 1.3 m η = 49.0	x: 0.053 m η = 5.5	x: 0.053 m η = 4.5	x: 0.053 m η = 2.1	x: 1.302 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 55.5	η < 0.1	η = 1.3	x: 1.302 m η = 0.3	η = 0.3	**CUMPLE η = 55.5**
N18/N5	x: 1.313 m η = 50.6	x: 0.054 m η = 5.6	x: 1.315 m η = 8.9	x: 1.315 m η = 3.8	x: 0.054 m η = 1.0	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 63.2	η < 0.1	η = 1.2	x: 0.054 m η = 0.7	η = 0.3	**CUMPLE η = 63.2**
N8/N43	x: 1.304 m η = 8.8	x: 0.131 m η = 2.3	x: 0.131 m η = 56.6	x: 0.131 m η = 3.2	x: 0.131 m η = 9.8	η = 0.8	η < 0.1	η < 0.1	x: 0.131 m η = 68.6	η < 0.1	η = 18.2	x: 0.131 m η = 7.4	η = 0.2	**CUMPLE η = 68.6**
N43/N38	x: 1.303 m η = 21.6	x: 0.05 m η = 2.6	x: 0.05 m η = 8.6	x: 1.305 m η = 3.5	x: 1.305 m η = 0.9	η = 0.9	η < 0.1	η < 0.1	x: 0.05 m η = 32.2	η < 0.1	η = 17.7	x: 1.305 m η = 0.8	η = 0.2	**CUMPLE η = 32.2**
N38/N40	x: 1.303 m η = 32.7	x: 0.051 m η = 2.7	x: 1.305 m η = 4.4	x: 0.051 m η = 1.9	x: 0.051 m η = 1.0	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 37.8	η < 0.1	η = 10.5	x: 0.051 m η = 0.8	η = 0.3	**CUMPLE η = 37.8**
N40/N42	x: 1.303 m η = 43.7	x: 0.051 m η = 3.1	x: 1.305 m η = 7.6	x: 0.051 m η = 1.3	x: 0.051 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 51.4	η < 0.1	η = 12.9	x: 0.051 m η = 0.9	η = 0.3	**CUMPLE η = 51.4**
N42/N36	x: 1.302 m η = 64.3	x: 0.051 m η = 7.7	x: 0.886 m η = 5.5	x: 0.051 m η = 3.6	x: 0.051 m η = 0.4	η = 0.7	η < 0.1	η < 0.1	x: 0.051 m η = 72.8	η < 0.1	η = 0.9	x: 0.051 m η = 0.3	η = 0.5	**CUMPLE η = 72.8**
N36/N34	x: 1.302 m η = 72.6	x: 0.052 m η = 8.0	x: 1.304 m η = 8.8	x: 1.304 m η = 4.9	x: 0.052 m η = 1.2	η = 0.8	η < 0.1	η < 0.1	x: 1.304 m η = 86.2	η < 0.1	η = 1.9	x: 0.052 m η = 0.8	η = 0.5	**CUMPLE η = 86.2**
N34/N32	x: 1.301 m η = 79.4	x: 0.052 m η = 8.1	x: 1.094 m η = 6.3	x: 0.052 m η = 2.1	x: 0.052 m η = 0.3	η = 0.3	η < 0.1	η < 0.1	x: 0.26 m η = 86.9	η < 0.1	η = 5.2	x: 0.052 m η = 0.3	η = 0.1	**CUMPLE η = 86.9**
N32/N28	x: 1.301 m η = 85.8	x: 0.053 m η = 8.5	x: 1.303 m η = 10.9	x: 1.303 m η = 2.6	x: 0.053 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 99.3	η < 0.1	η = 6.6	x: 0.053 m η = 0.8	η = 0.1	**CUMPLE η = 99.3**
N28/N30	x: 1.3 m η = 49.4	x: 0.053 m η = 5.5	x: 0.053 m η = 4.7	x: 0.053 m η = 2.1	x: 1.302 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 56.1	η < 0.1	η = 1.2	x: 1.302 m η = 0.3	η = 0.3	**CUMPLE η = 56.1**
N30/N5	x: 1.313 m η = 50.6	x: 0.054 m η = 5.6	x: 1.315 m η = 8.8	x: 1.315 m η = 3.8	x: 0.054 m η = 1.0	η = 0.5	η < 0.1	η < 0.1	x: 1.315 m η = 63.2	η < 0.1	η = 1.1	x: 0.054 m η = 0.7	η = 0.3	**CUMPLE η = 63.2**
N16/N15	x: 1.59 m η = 22.7	x: 0.091 m η = 2.6	x: 1.59 m η = 9.0	x: 0.091 m η = 12.5	η = 1.2	η = 1.0	η < 0.1	η < 0.1	x: 0.091 m η = 43.8	η < 0.1	η = 1.4	η = 0.8	η = 0.6	**CUMPLE η = 43.8**
N18/N17	x: 1.55 m η = 12.1	x: 0.091 m η = 0.8	x: 0.091 m η = 7.9	x: 1.55 m η = 4.1	η = 1.1	η = 0.2	x: 0.091 m η < 0.1	η < 0.1	x: 1.55 m η = 24.1	η < 0.1	η = 1.2	η = 0.7	η = 0.1	**CUMPLE η = 24.1**
N14/N13	x: 1.63 m η = 23.8	x: 0.091 m η = 1.5	x: 1.63 m η = 11.2	x: 0.091 m η = 3.4	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 38.1	η < 0.1	η = 1.5	η = 1.0	η < 0.1	**CUMPLE η = 38.1**
N12/N11	x: 1.67 m η = 29.6	x: 0.091 m η = 2.0	x: 1.67 m η = 12.3	x: 1.67 m η = 6.5	η = 1.6	η = 0.6	η < 0.1	η < 0.1	x: 1.67 m η = 48.4	η < 0.1	η = 1.9	η = 1.1	η = 0.3	**CUMPLE η = 48.4**
N10/N9	x: 1.71 m η = 30.9	x: 0.091 m η = 1.0	x: 1.71 m η = 13.7	x: 1.71 m η = 5.6	η = 1.7	η = 0.2	η < 0.1	η < 0.1	x: 1.71 m η = 50.2	η < 0.1	η = 3.3	η = 1.2	η = 0.1	**CUMPLE η = 50.2**
N26/N25	x: 1.87 m η = 32.1	x: 0.091 m η = 0.1	x: 0.091 m η = 23.9	x: 0.091 m η = 2.3	η = 2.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 58.1	η < 0.1	η = 6.3	η = 1.7	η = 0.1	**CUMPLE η = 58.1**
N24/N23	x: 1.83 m η = 49.7	x: 0.091 m η = 2.2	x: 1.83 m η = 17.3	x: 0.091 m η = 6.6	η = 2.0	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 72.4	η < 0.1	η = 5.8	η = 1.4	η = 0.2	**CUMPLE η = 72.4**
N22/N21	x: 1.79 m η = 40.7	x: 0.091 m η = 1.4	x: 1.79 m η = 17.1	x: 0.091 m η = 6.3	η = 2.1	η = 0.2	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 64.0	η < 0.1	η = 5.2	η = 1.4	η = 0.1	**CUMPLE η = 64.0**
N20/N19	x: 1.75 m η = 40.6	x: 0.091 m η = 2.6	x: 1.75 m η = 15.4	x: 0.091 m η = 14.1	η = 1.9	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 69.8	η < 0.1	η = 4.1	η = 1.3	η = 0.5	**CUMPLE η = 69.8**
N28/N27	x: 1.59 m η = 20.4	x: 0.091 m η = 2.5	x: 1.59 m η = 8.1	x: 0.091 m η = 12.6	η = 1.1	η = 1.0	η < 0.1	η < 0.1	x: 0.091 m η = 40.8	η < 0.1	η = 1.6	η = 0.7	η = 0.6	**CUMPLE η = 40.8**
N30/N29	x: 1.55 m η = 9.8	x: 0.091 m η = 0.6	x: 0.091 m η = 6.9	x: 1.55 m η = 4.2	η = 1.0	η = 0.2	x: 0.091 m η < 0.1	η < 0.1	x: 1.55 m η = 20.9	η < 0.1	η = 1.4	η = 0.6	η = 0.1	**CUMPLE η = 20.9**
N32/N31	x: 1.63 m η = 21.5	x: 0.091 m η = 1.4	x: 1.63 m η = 10.4	x: 0.091 m η = 3.5	η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 35.2	η < 0.1	η = 1.6	η = 0.9	η < 0.1	**CUMPLE η = 35.2**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N34/N33	x: 1.67 m η = 27.4	x: 0.091 m η = 1.9	x: 1.67 m η = 11.5	x: 1.67 m η = 7.0	η = 1.5	η = 0.6	η < 0.1	η < 0.1	x: 1.67 m η = 45.9	η < 0.1	η = 2.2	η = 1.0	η = 0.3	**CUMPLE η = 45.9**
N36/N35	x: 1.71 m η = 28.8	x: 0.091 m η = 0.8	x: 1.71 m η = 12.8	x: 1.71 m η = 6.4	η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.71 m η = 48.0	η < 0.1	η = 3.6	η = 1.1	η = 0.1	**CUMPLE η = 48.0**
N38/N37	x: 1.83 m η = 46.7	x: 0.091 m η = 2.0	x: 1.83 m η = 16.9	x: 0.091 m η = 9.8	η = 2.0	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 72.5	η < 0.1	η = 6.9	η = 1.3	η = 0.3	**CUMPLE η = 72.5**
N40/N39	x: 1.79 m η = 38.9	x: 0.091 m η = 1.3	x: 1.79 m η = 16.4	x: 0.091 m η = 7.4	η = 2.0	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 62.4	η < 0.1	η = 5.9	η = 1.3	η = 0.1	**CUMPLE η = 62.4**
N42/N41	x: 1.75 m η = 38.5	x: 0.091 m η = 2.5	x: 1.75 m η = 14.7	x: 0.091 m η = 15.3	η = 1.9	η = 0.9	η < 0.1	η < 0.1	x: 0.091 m η = 68.2	η < 0.1	η = 4.6	η = 1.2	η = 0.5	**CUMPLE η = 68.2**
N43/N44	x: 1.87 m η = 36.1	x: 0.091 m η = 0.6	x: 0.091 m η = 21.1	x: 0.091 m η = 3.1	η = 2.3	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 60.2	η < 0.1	η = 7.6	η = 1.6	η = 0.1	**CUMPLE η = 60.2**
N18/N6	x: 2.01 m η = 1.2	x: 0.12 m η = 12.3	x: 0.498 m η = 3.6	x: 0.12 m η = 1.3	x: 2.01 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 17.0	η < 0.1	η = 1.8	x: 2.01 m η = 0.4	η = 0.1	**CUMPLE η = 17.0**
N16/N17	x: 2.042 m η = 0.5	x: 0.119 m η = 17.7	x: 0.119 m η = 5.3	x: 0.119 m η = 6.8	x: 2.042 m η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.119 m η = 29.7	η < 0.1	η = 2.0	x: 2.042 m η = 0.5	η = 0.3	**CUMPLE η = 29.7**
N14/N15	x: 2.075 m η = 2.4	x: 0.118 m η = 29.1	x: 0.118 m η = 6.2	x: 2.075 m η = 1.1	x: 2.075 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 35.7	η < 0.1	η = 1.1	x: 2.075 m η = 0.6	η < 0.1	**CUMPLE η = 35.7**
N12/N13	x: 2.107 m η = 1.2	x: 0.117 m η = 31.2	x: 0.117 m η = 7.1	x: 0.117 m η = 3.7	x: 2.107 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.117 m η = 42.0	η < 0.1	η = 1.2	x: 2.107 m η = 0.7	η = 0.2	**CUMPLE η = 42.0**
N10/N11	x: 2.14 m η = 1.6	x: 0.116 m η = 37.8	x: 0.116 m η = 7.4	x: 0.116 m η = 1.3	x: 2.14 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 46.5	η < 0.1	η = 2.3	x: 2.14 m η = 0.7	η < 0.1	**CUMPLE η = 46.5**
N20/N9	x: 2.173 m η = 0.4	x: 0.115 m η = 39.3	x: 0.115 m η = 8.8	x: 0.115 m η = 5.6	x: 2.173 m η = 1.1	η = 0.5	η < 0.1	η < 0.1	x: 0.115 m η = 53.7	η < 0.1	η = 3.2	x: 2.173 m η = 0.8	η = 0.3	**CUMPLE η = 53.7**
N22/N19	x: 2.206 m η = 2.4	x: 0.114 m η = 50.7	x: 0.114 m η = 9.7	x: 0.114 m η = 2.0	x: 2.206 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 62.4	η < 0.1	η = 2.9	x: 2.206 m η = 0.9	η = 0.1	**CUMPLE η = 62.4**
N24/N21	x: 2.239 m η = 1.0	x: 0.113 m η = 51.1	x: 2.239 m η = 10.4	x: 0.113 m η = 2.8	x: 2.239 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 63.4	η < 0.1	η = 3.2	x: 2.239 m η = 0.9	η < 0.1	**CUMPLE η = 63.4**
N26/N23	x: 2.273 m η = 1.7	x: 0.112 m η = 59.9	x: 0.112 m η = 17.0	x: 0.112 m η = 6.8	x: 2.273 m η = 1.8	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 83.7	η < 0.1	η = 2.9	x: 2.273 m η = 1.3	η = 0.1	**CUMPLE η = 83.7**
N7/N25	N_{Ed} = 0.00 N.P.(1)	x: 0.232 m η = 44.1	x: 0.232 m η = 18.9	x: 0.232 m η = 10.0	x: 0.232 m η = 1.5	η = 0.4	η < 0.1	η < 0.1	x: 0.232 m η = 73.0	η < 0.1	η = 2.1	x: 0.232 m η = 1.0	η = 0.2	**CUMPLE η = 73.0**
N30/N6	x: 2.01 m η = 1.0	x: 0.12 m η = 9.1	x: 0.687 m η = 3.4	x: 0.12 m η = 1.4	x: 2.01 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 0.122 m η = 13.5	η < 0.1	η = 1.9	x: 2.01 m η = 0.3	η = 0.1	**CUMPLE η = 13.5**
N28/N29	x: 2.042 m η = 0.3	x: 0.119 m η = 14.8	x: 0.119 m η = 4.8	x: 0.119 m η = 6.7	x: 2.042 m η = 0.6	η = 0.5	η < 0.1	η < 0.1	x: 0.119 m η = 26.2	η < 0.1	η = 2.0	x: 2.042 m η = 0.5	η = 0.3	**CUMPLE η = 26.2**
N32/N27	x: 2.075 m η = 2.2	x: 0.118 m η = 26.2	x: 0.118 m η = 5.7	x: 2.075 m η = 0.9	x: 2.075 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 32.2	η < 0.1	η = 1.2	x: 2.075 m η = 0.6	η < 0.1	**CUMPLE η = 32.2**
N34/N31	x: 2.107 m η = 1.0	x: 0.117 m η = 28.4	x: 0.117 m η = 6.6	x: 0.117 m η = 3.8	x: 2.107 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.117 m η = 38.8	η < 0.1	η = 1.4	x: 2.107 m η = 0.7	η = 0.2	**CUMPLE η = 38.8**
N36/N33	x: 2.14 m η = 1.5	x: 0.116 m η = 35.0	x: 0.116 m η = 6.9	x: 0.116 m η = 1.3	x: 2.14 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 43.3	η < 0.1	η = 2.5	x: 2.14 m η = 0.7	η < 0.1	**CUMPLE η = 43.3**
N42/N35	x: 2.173 m η = 0.2	x: 0.115 m η = 36.7	x: 0.115 m η = 8.4	x: 0.115 m η = 6.0	x: 2.173 m η = 1.1	η = 0.5	η < 0.1	η < 0.1	x: 0.115 m η = 51.1	η < 0.1	η = 3.6	x: 2.173 m η = 0.8	η = 0.3	**CUMPLE η = 51.1**
N40/N41	x: 2.206 m η = 2.2	x: 0.114 m η = 48.0	x: 0.114 m η = 9.2	x: 0.114 m η = 1.9	x: 2.206 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 59.2	η < 0.1	η = 3.4	x: 2.206 m η = 0.9	η < 0.1	**CUMPLE η = 59.2**
N38/N39	x: 2.239 m η = 0.9	x: 0.113 m η = 48.9	x: 2.239 m η = 10.0	x: 2.239 m η = 2.8	x: 2.239 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 61.4	η < 0.1	η = 4.1	x: 2.239 m η = 0.9	η < 0.1	**CUMPLE η = 61.4**
N43/N37	x: 2.273 m η = 1.5	x: 0.112 m η = 56.6	x: 0.112 m η = 14.2	x: 0.112 m η = 8.2	x: 2.273 m η = 1.6	η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 79.0	η < 0.1	η = 3.6	x: 2.273 m η = 1.2	η = 0.1	**CUMPLE η = 79.0**
N8/N44	N_{Ed} = 0.00 N.P.(1)	x: 0.232 m η = 46.0	x: 0.232 m η = 7.6	x: 0.232 m η = 12.7	x: 0.232 m η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.232 m η = 66.2	η < 0.1	η = 2.7	x: 0.232 m η = 0.5	η = 0.3	**CUMPLE η = 66.2**
N45/N46	x: 6.108 m η = 1.5	x: 0 m η = 23.2	x: 6.109 m η = 58.7	x: 0 m η = 7.7	η = 9.9	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 76.5	η < 0.1	η < 0.1	η = 2.0	η = 0.2	**CUMPLE η = 76.5**
N46/N47	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 40.0	x: 0.091 m η = 0.3	η = 12.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 40.4	η < 0.1	η = 0.4	η = 7.5	η < 0.1	**CUMPLE η = 40.4**
N47/N48	η = 11.7	η = 2.3	x: 1.306 m η = 12.6	x: 1.306 m η = 0.8	x: 1.306 m η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 25.0	η < 0.1	η = 1.3	x: 1.306 m η = 1.1	η = 0.1	**CUMPLE η = 25.0**
N48/N49	η = 2.1	η = 8.8	x: 0.049 m η = 18.6	x: 1.306 m η = 2.2	x: 0.049 m η = 4.3	η = 0.2	η < 0.1	η < 0.1	x: 0.049 m η = 28.3	η < 0.1	η = 1.3	x: 0.049 m η = 2.6	η = 0.1	**CUMPLE η = 28.3**
N49/N50	η = 7.8	η = 35.7	x: 1.306 m η = 9.9	x: 0.049 m η = 2.1	x: 0.049 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 1.306 m η = 46.7	η < 0.1	η = 1.1	x: 0.049 m η = 0.9	η = 0.1	**CUMPLE η = 46.7**
N50/N51	η = 12.0	η = 57.1	x: 1.305 m η = 12.2	x: 1.305 m η = 1.1	x: 0.049 m η = 1.8	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 70.3	η < 0.1	η = 1.0	x: 0.049 m η = 1.1	η = 0.1	**CUMPLE η = 70.3**
N51/N52	η = 16.5	η = 78.5	x: 1.305 m η = 11.1	x: 0.05 m η = 1.2	x: 0.05 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 90.4	η < 0.1	η = 1.1	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 90.4**
N52/N53	η = 10.4	η = 49.8	x: 1.304 m η = 7.8	x: 1.304 m η = 0.8	x: 0.05 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 58.5	η < 0.1	η = 0.7	x: 0.05 m η = 0.6	η = 0.1	**CUMPLE η = 58.5**
N53/N54	η = 12.3	η = 58.8	x: 1.304 m η = 6.3	x: 0.051 m η = 0.9	x: 0.051 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 65.4	η < 0.1	η = 0.3	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 65.4**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N54/N55	η = 13.5	η = 65.0	x: 1.304 m η = 7.4	x: 1.304 m η = 0.8	x: 0.051 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 73.3	η < 0.1	η = 0.2	x: 0.051 m η = 0.4	η = 0.1	**CUMPLE η = 73.3**
N55/N56	η = 14.8	η = 70.9	x: 1.094 m η = 6.1	x: 0.051 m η = 0.9	x: 0.051 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.886 m η = 77.6	η < 0.1	η = 0.4	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 77.6**
N56/N57	η = 15.5	η = 74.6	x: 1.303 m η = 10.5	x: 1.303 m η = 0.8	x: 0.052 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 86.0	η < 0.1	η = 0.5	x: 0.052 m η = 0.6	η = 0.1	**CUMPLE η = 86.0**
N57/N58	η = 15.6	η = 74.8	x: 0.052 m η = 10.5	x: 0.052 m η = 0.8	x: 1.303 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 86.1	η < 0.1	η = 0.5	x: 1.303 m η = 0.6	η = 0.1	**CUMPLE η = 86.1**
N58/N59	η = 15.0	η = 71.3	x: 0.261 m η = 6.0	x: 1.304 m η = 0.9	x: 1.304 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.678 m η = 77.9	η < 0.1	η = 0.5	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 77.9**
N59/N60	η = 13.8	η = 65.6	x: 0.051 m η = 7.4	x: 0.051 m η = 0.8	x: 1.304 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 73.8	η < 0.1	η = 0.2	x: 1.304 m η = 0.4	η = 0.1	**CUMPLE η = 73.8**
N60/N61	η = 12.6	η = 59.5	x: 0.051 m η = 6.3	x: 1.304 m η = 1.0	x: 1.304 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 66.2	η < 0.1	η = 0.2	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 66.2**
N61/N62	η = 10.7	η = 50.7	x: 0.051 m η = 7.7	x: 0.051 m η = 0.8	x: 1.305 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 59.2	η < 0.1	η = 0.7	x: 1.305 m η = 0.6	η = 0.1	**CUMPLE η = 59.2**
N62/N63	η = 17.3	η = 80.4	x: 0.05 m η = 11.0	x: 1.305 m η = 1.3	x: 1.305 m η = 1.2	η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 92.1	η < 0.1	η = 1.0	x: 1.305 m η = 0.8	η = 0.1	**CUMPLE η = 92.1**
N63/N64	η = 12.8	η = 59.2	x: 0.05 m η = 12.1	x: 0.05 m η = 1.3	x: 1.306 m η = 1.8	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 72.6	η < 0.1	η = 0.7	x: 1.306 m η = 1.1	η = 0.1	**CUMPLE η = 72.6**
N64/N65	η = 8.6	η = 38.1	x: 0.049 m η = 9.8	x: 1.306 m η = 1.9	x: 1.306 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 0.049 m η = 48.8	η < 0.1	η = 0.7	x: 1.306 m η = 0.9	η = 0.1	**CUMPLE η = 48.8**
N65/N66	η = 3.0	η = 11.5	x: 1.306 m η = 17.2	x: 0.049 m η = 1.9	x: 1.306 m η = 4.1	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 29.7	η < 0.1	η = 0.9	x: 1.306 m η = 2.5	η < 0.1	**CUMPLE η = 29.7**
N66/N67	η = 9.1	η = 2.0	x: 0.049 m η = 10.8	x: 0.049 m η = 0.8	x: 0.049 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 20.8	η < 0.1	η = 0.8	x: 0.049 m η = 0.7	η < 0.1	**CUMPLE η = 20.8**
N69/N424	x: 0.15 m η = 0.9	x: 0 m η = 8.8	x: 0 m η = 10.1	x: 0 m η = 12.8	η = 10.8	η = 1.5	η < 0.1	η < 0.1	x: 0 m η = 26.8	η < 0.1	η = 0.1	η = 8.2	η = 1.5	**CUMPLE η = 26.8**
N424/N416	x: 2.55 m η = 1.2	x: 0 m η = 9.5	x: 2.55 m η = 45.3	x: 0 m η = 10.8	η = 12.2	η = 0.7	η < 0.1	η < 0.1	x: 2.55 m η = 56.5	η < 0.1	η = 0.1	η = 8.2	η = 0.7	**CUMPLE η = 56.5**
N416/N68	x: 0.108 m η = 1.4	x: 0 m η = 8.2	x: 0.109 m η = 47.8	x: 0 m η = 6.4	η = 13.7	η = 1.2	η < 0.1	η < 0.1	x: 0.109 m η = 58.5	η < 0.1	η = 0.1	η = 8.2	η = 1.2	**CUMPLE η = 58.5**
N68/N67	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 32.1	x: 0.091 m η = 0.2	η = 9.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 32.4	η < 0.1	η = 0.2	η = 6.3	η < 0.1	**CUMPLE η = 32.4**
N70/N57	x: 1.51 m η = 34.8	x: 0.091 m η = 9.1	x: 1.51 m η = 0.3	x: 0.091 m η = 8.8	η < 0.1	η = 1.0	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 43.7	η < 0.1	η = 0.2	η < 0.1	η = 0.6	**CUMPLE η = 43.7**
N46/N71	x: 1.304 m η = 0.2	x: 0.131 m η = 0.7	x: 0.131 m η = 74.7	x: 0.131 m η = 2.0	x: 0.131 m η = 12.7	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 77.4	η < 0.1	η = 2.0	x: 0.131 m η = 7.7	η = 0.2	**CUMPLE η = 77.4**
N71/N72	x: 1.303 m η = 25.9	x: 0.05 m η = 5.9	x: 0.05 m η = 22.1	x: 1.305 m η = 3.9	x: 1.305 m η = 1.9	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 48.1	η < 0.1	η = 4.9	x: 1.305 m η = 1.4	η = 0.3	**CUMPLE η = 48.1**
N72/N73	x: 1.303 m η = 34.5	x: 0.051 m η = 4.8	x: 1.305 m η = 6.7	x: 0.051 m η = 2.6	x: 0.051 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 41.5	η < 0.1	η = 5.0	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 41.5**
N73/N74	x: 1.303 m η = 55.9	x: 0.051 m η = 9.3	x: 1.305 m η = 15.0	x: 1.305 m η = 1.5	x: 0.051 m η = 2.5	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 72.5	η < 0.1	η = 4.7	x: 0.051 m η = 1.5	η = 0.1	**CUMPLE η = 72.5**
N74/N75	x: 1.302 m η = 73.7	x: 0.051 m η = 12.7	x: 1.302 m η = 7.8	x: 0.051 m η = 4.8	x: 0.051 m η = 0.4	η = 0.8	η < 0.1	η < 0.1	x: 0.051 m η = 85.0	η < 0.1	η = 2.4	x: 0.051 m η = 0.4	η = 0.4	**CUMPLE η = 85.0**
N75/N76	x: 1.302 m η = 47.1	x: 0.052 m η = 8.5	x: 1.304 m η = 9.8	x: 1.304 m η = 2.9	x: 0.052 m η = 1.4	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 59.8	η < 0.1	η = 1.4	x: 0.052 m η = 0.8	η = 0.2	**CUMPLE η = 59.8**
N76/N77	x: 1.301 m η = 46.9	x: 0.052 m η = 7.5	x: 0.052 m η = 6.2	x: 0.052 m η = 0.6	x: 1.303 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 53.6	η < 0.1	η = 2.4	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 53.6**
N77/N78	x: 1.301 m η = 52.8	x: 0.053 m η = 8.8	x: 1.303 m η = 9.2	x: 1.303 m η = 0.5	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 62.5	η < 0.1	η = 2.5	x: 0.053 m η = 0.7	η < 0.1	**CUMPLE η = 62.5**
N78/N79	x: 1.3 m η = 56.5	x: 0.053 m η = 9.3	x: 0.053 m η = 7.1	x: 0.053 m η = 1.6	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 65.3	η < 0.1	η = 1.7	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 65.3**
N79/N70	x: 1.313 m η = 59.4	x: 0.054 m η = 10.0	x: 1.315 m η = 13.0	x: 1.315 m η = 1.8	x: 0.054 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 74.3	η < 0.1	η = 1.8	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 74.3**
N68/N88	x: 1.304 m η = 0.6	x: 0.131 m η = 1.2	x: 0.131 m η = 66.6	x: 0.131 m η = 1.4	x: 0.131 m η = 11.3	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 68.3	η < 0.1	η = 1.4	x: 0.131 m η = 7.1	η < 0.1	**CUMPLE η = 68.3**
N88/N87	x: 1.303 m η = 24.6	x: 0.05 m η = 6.2	x: 0.05 m η = 18.9	x: 1.305 m η = 2.8	x: 1.305 m η = 1.4	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 43.7	η < 0.1	η = 3.6	x: 1.305 m η = 1.1	η = 0.1	**CUMPLE η = 43.7**
N87/N86	x: 1.303 m η = 33.4	x: 0.051 m η = 4.9	x: 1.305 m η = 6.5	x: 0.051 m η = 1.3	x: 0.051 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 40.0	η < 0.1	η = 4.7	x: 0.051 m η = 0.9	η < 0.1	**CUMPLE η = 40.0**
N86/N85	x: 1.303 m η = 54.5	x: 0.051 m η = 9.4	x: 1.305 m η = 15.0	x: 1.305 m η = 1.1	x: 0.051 m η = 2.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 70.3	η < 0.1	η = 4.7	x: 0.051 m η = 1.5	η = 0.1	**CUMPLE η = 70.3**
N85/N84	x: 1.302 m η = 72.0	x: 0.051 m η = 12.8	x: 1.095 m η = 7.8	x: 0.051 m η = 2.5	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.053 m η = 80.7	η < 0.1	η = 2.5	x: 0.051 m η = 0.4	η = 0.4	**CUMPLE η = 80.7**
N84/N83	x: 1.302 m η = 46.1	x: 0.052 m η = 8.5	x: 1.304 m η = 9.7	x: 1.304 m η = 1.6	x: 0.052 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 57.4	η < 0.1	η = 1.4	x: 0.052 m η = 0.8	η = 0.2	**CUMPLE η = 57.4**
N83/N82	x: 1.301 m η = 46.9	x: 0.052 m η = 7.5	x: 0.052 m η = 6.2	x: 0.052 m η = 0.8	x: 1.303 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 53.9	η < 0.1	η = 2.4	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 53.9**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N82/N81	x: 1.301 m η = 52.6	x: 0.053 m η = 8.8	x: 1.303 m η = 9.2	x: 1.303 m η = 0.9	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 62.7	η < 0.1	η = 2.5	x: 0.053 m η = 0.7	η < 0.1	**CUMPLE η = 62.7**
N81/N80	x: 1.3 m η = 56.1	x: 0.053 m η = 9.3	x: 0.053 m η = 7.2	x: 0.053 m η = 0.8	x: 1.302 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.053 m η = 63.7	η < 0.1	η = 1.8	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 63.7**
N80/N70	x: 1.313 m η = 58.8	x: 0.054 m η = 10.0	x: 1.315 m η = 13.0	x: 1.315 m η = 0.9	x: 0.054 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 1.315 m η = 72.3	η < 0.1	η = 1.7	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 72.3**
N78/N55	x: 1.59 m η = 36.7	x: 0.091 m η = 8.9	x: 1.59 m η = 12.2	x: 0.091 m η = 8.9	η = 1.7	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 57.2	η < 0.1	η = 0.3	η = 1.0	η = 0.4	**CUMPLE η = 57.2**
N79/N56	x: 1.55 m η = 20.7	x: 0.091 m η = 4.5	x: 0.091 m η = 9.9	x: 1.55 m η = 1.6	η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 32.1	η < 0.1	η = 0.4	η = 0.9	η = 0.1	**CUMPLE η = 32.1**
N77/N54	x: 1.63 m η = 38.5	x: 0.091 m η = 8.0	x: 1.63 m η = 15.9	x: 0.091 m η = 1.1	η = 2.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 54.9	η < 0.1	η = 0.7	η = 1.3	η = 0.1	**CUMPLE η = 54.9**
N76/N53	x: 1.67 m η = 58.8	x: 0.091 m η = 13.9	x: 1.67 m η = 20.9	x: 0.091 m η = 7.5	η = 2.7	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 86.6	η < 0.1	η = 0.2	η = 1.6	η = 0.4	**CUMPLE η = 86.6**
N75/N52	x: 1.71 m η = 59.9	x: 0.091 m η = 12.8	x: 1.71 m η = 25.1	x: 1.71 m η = 1.0	η = 3.2	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 85.8	η < 0.1	η = 0.7	η = 1.9	η = 0.1	**CUMPLE η = 85.8**
N71/N48	x: 1.869 m η = 46.7	x: 0.091 m η = 10.0	x: 0.091 m η = 30.0	x: 0.091 m η = 1.6	η = 3.2	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 78.2	η < 0.1	η = 0.6	η = 1.9	η < 0.1	**CUMPLE η = 78.2**
N72/N49	x: 1.829 m η = 65.5	x: 0.091 m η = 14.7	x: 1.83 m η = 22.3	x: 0.091 m η = 6.0	η = 2.6	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 92.5	η < 0.1	η = 0.6	η = 1.6	η = 0.2	**CUMPLE η = 92.5**
N73/N50	x: 1.789 m η = 49.3	x: 0.091 m η = 10.4	x: 1.79 m η = 20.2	x: 1.79 m η = 1.1	η = 2.5	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 70.6	η < 0.1	η = 0.6	η = 1.5	η < 0.1	**CUMPLE η = 70.6**
N74/N51	x: 1.749 m η = 49.1	x: 0.091 m η = 11.1	x: 1.75 m η = 18.1	x: 0.091 m η = 4.7	η = 2.3	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 71.4	η < 0.1	η = 0.4	η = 1.3	η = 0.2	**CUMPLE η = 71.4**
N81/N59	x: 1.59 m η = 35.7	x: 0.091 m η = 8.7	x: 1.59 m η = 11.6	x: 0.091 m η = 9.1	η = 1.6	η = 0.8	η < 0.1	η < 0.1	x: 0.091 m η = 55.8	η < 0.1	η = 0.7	η = 1.0	η = 0.5	**CUMPLE η = 55.8**
N80/N58	x: 1.55 m η = 19.6	x: 0.091 m η = 4.2	x: 0.091 m η = 9.4	x: 1.55 m η = 1.5	η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 30.4	η < 0.1	η = 0.2	η = 0.8	η = 0.1	**CUMPLE η = 30.4**
N82/N60	x: 1.63 m η = 37.5	x: 0.091 m η = 7.8	x: 1.63 m η = 15.4	x: 0.091 m η = 1.2	η = 2.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 53.5	η < 0.1	η = 0.5	η = 1.3	η < 0.1	**CUMPLE η = 53.5**
N83/N61	x: 1.67 m η = 57.9	x: 0.091 m η = 13.7	x: 1.67 m η = 20.4	x: 0.091 m η = 7.5	η = 2.7	η = 0.7	η < 0.1	η < 0.1	x: 0.091 m η = 85.0	η < 0.1	η = 0.2	η = 1.6	η = 0.4	**CUMPLE η = 85.0**
N84/N62	x: 1.71 m η = 59.0	x: 0.091 m η = 12.6	x: 1.71 m η = 24.6	x: 1.71 m η = 0.9	η = 3.2	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 84.4	η < 0.1	η = 0.5	η = 1.9	η = 0.1	**CUMPLE η = 84.4**
N87/N65	x: 1.829 m η = 64.6	x: 0.091 m η = 14.5	x: 1.83 m η = 22.1	x: 0.091 m η = 5.0	η = 2.6	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 90.5	η < 0.1	η = 0.2	η = 1.5	η = 0.1	**CUMPLE η = 90.5**
N86/N64	x: 1.789 m η = 48.8	x: 0.091 m η = 10.2	x: 1.79 m η = 19.9	x: 1.79 m η = 1.0	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 69.7	η < 0.1	η = 0.5	η = 1.5	η = 0.1	**CUMPLE η = 69.7**
N85/N63	x: 1.749 m η = 48.5	x: 0.091 m η = 11.0	x: 1.75 m η = 17.8	x: 0.091 m η = 4.8	η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 70.7	η < 0.1	η = 0.4	η = 1.3	η = 0.3	**CUMPLE η = 70.7**
N88/N66	x: 1.869 m η = 47.9	x: 0.091 m η = 10.5	x: 0.091 m η = 29.0	x: 0.091 m η = 1.4	η = 3.1	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 78.2	η < 0.1	η = 0.4	η = 1.9	η < 0.1	**CUMPLE η = 78.2**
N79/N57	x: 2.01 m η = 5.4	x: 0.12 m η = 22.1	x: 0.12 m η = 6.5	x: 2.01 m η = 0.4	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.9	η < 0.1	η = 0.5	x: 2.01 m η = 0.5	η < 0.1	**CUMPLE η = 28.9**
N78/N56	x: 2.042 m η = 5.4	x: 0.119 m η = 29.2	x: 0.119 m η = 8.9	x: 0.119 m η = 5.9	x: 2.042 m η = 1.0	η = 0.4	η < 0.1	η < 0.1	x: 0.119 m η = 44.0	η < 0.1	η = 0.8	x: 2.042 m η = 0.7	η = 0.2	**CUMPLE η = 44.0**
N77/N55	x: 2.075 m η = 10.2	x: 0.118 m η = 46.7	x: 0.118 m η = 10.1	x: 0.118 m η = 1.1	x: 2.075 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 57.9	η < 0.1	η = 0.4	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 57.9**
N76/N54	x: 2.107 m η = 9.6	x: 0.117 m η = 50.3	x: 0.117 m η = 13.2	x: 0.117 m η = 4.6	x: 2.107 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 0.117 m η = 68.1	η < 0.1	η = 0.6	x: 2.107 m η = 1.0	η = 0.2	**CUMPLE η = 68.1**
N75/N53	x: 2.14 m η = 16.2	x: 0.116 m η = 73.4	x: 0.116 m η = 14.9	x: 0.116 m η = 1.1	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 89.5	η < 0.1	η = 0.5	x: 2.14 m η = 1.1	η < 0.1	**CUMPLE η = 89.5**
N74/N52	x: 2.173 m η = 15.4	x: 0.115 m η = 76.2	x: 0.115 m η = 17.0	x: 0.115 m η = 5.1	x: 2.173 m η = 1.9	η = 0.4	η < 0.1	η < 0.1	x: 0.115 m η = 98.3	η < 0.1	η = 0.6	x: 2.173 m η = 1.2	η = 0.2	**CUMPLE η = 98.3**
N73/N51	x: 2.206 m η = 13.1	x: 0.114 m η = 60.8	x: 0.114 m η = 12.0	x: 0.114 m η = 0.9	x: 2.206 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 73.7	η < 0.1	η = 0.3	x: 2.206 m η = 0.9	η < 0.1	**CUMPLE η = 73.7**
N72/N50	x: 2.239 m η = 12.4	x: 0.113 m η = 61.4	x: 2.239 m η = 12.6	x: 0.113 m η = 3.4	x: 2.239 m η = 1.4	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 77.2	η < 0.1	η = 0.9	x: 2.239 m η = 0.9	η = 0.1	**CUMPLE η = 77.2**
N71/N49	x: 2.273 m η = 16.8	x: 0.112 m η = 78.3	x: 0.112 m η = 21.1	x: 0.112 m η = 0.8	x: 2.273 m η = 2.1	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 99.8	η < 0.1	η = 0.3	x: 2.273 m η = 1.3	η < 0.1	**CUMPLE η = 99.8**
N46/N48	x: 2.307 m η = 12.4	x: 0.232 m η = 61.0	x: 0.232 m η = 15.7	x: 0.232 m η = 2.4	x: 0.232 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 0.232 m η = 79.0	η < 0.1	η = 0.5	x: 0.232 m η = 0.7	η = 0.1	**CUMPLE η = 79.0**
N80/N57	x: 2.01 m η = 5.0	x: 0.12 m η = 20.6	x: 0.12 m η = 6.3	x: 2.01 m η = 0.6	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 27.1	η < 0.1	η = 0.4	x: 2.01 m η = 0.5	η < 0.1	**CUMPLE η = 27.1**
N81/N58	x: 2.042 m η = 5.1	x: 0.119 m η = 27.8	x: 0.119 m η = 8.7	x: 0.119 m η = 5.0	x: 2.042 m η = 1.0	η = 0.4	η < 0.1	η < 0.1	x: 0.119 m η = 41.5	η < 0.1	η = 1.1	x: 2.042 m η = 0.7	η = 0.2	**CUMPLE η = 41.5**
N82/N59	x: 2.075 m η = 9.9	x: 0.118 m η = 45.4	x: 0.118 m η = 9.9	x: 2.075 m η = 0.8	x: 2.075 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 55.8	η < 0.1	η = 0.3	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 55.8**
N83/N60	x: 2.107 m η = 9.3	x: 0.117 m η = 49.0	x: 0.117 m η = 12.9	x: 0.117 m η = 5.5	x: 2.107 m η = 1.4	η = 0.4	η < 0.1	η < 0.1	x: 0.117 m η = 67.4	η < 0.1	η = 0.4	x: 2.107 m η = 1.0	η = 0.2	**CUMPLE η = 67.4**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N84/N61	x: 2.14 m η = 15.9	x: 0.116 m η = 72.2	x: 0.116 m η = 14.7	x: 2.14 m η = 1.1	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 87.6	η < 0.1	η = 0.4	x: 2.14 m η = 1.1	η < 0.1	**CUMPLE η = 87.6**
N85/N62	x: 2.173 m η = 15.1	x: 0.115 m η = 75.1	x: 0.115 m η = 16.8	x: 0.115 m η = 4.4	x: 2.173 m η = 1.9	η = 0.4	η < 0.1	η < 0.1	x: 0.115 m η = 96.2	η < 0.1	η = 0.8	x: 2.173 m η = 1.2	η = 0.2	**CUMPLE η = 96.2**
N86/N63	x: 2.206 m η = 12.9	x: 0.114 m η = 60.1	x: 0.114 m η = 11.8	x: 0.114 m η = 0.6	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 72.4	η < 0.1	η = 0.3	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 72.4**
N87/N64	x: 2.239 m η = 12.2	x: 0.113 m η = 60.9	x: 2.239 m η = 12.6	x: 0.113 m η = 3.4	x: 2.239 m η = 1.4	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 76.7	η < 0.1	η = 0.6	x: 2.239 m η = 0.9	η = 0.1	**CUMPLE η = 76.7**
N88/N65	x: 2.273 m η = 16.6	x: 0.112 m η = 77.3	x: 0.112 m η = 20.2	x: 2.273 m η = 0.7	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 98.0	η < 0.1	η = 0.2	x: 2.273 m η = 1.3	η < 0.1	**CUMPLE η = 98.0**
N68/N66	x: 2.307 m η = 12.7	x: 0.232 m η = 61.5	x: 0.232 m η = 12.3	x: 0.232 m η = 1.2	x: 0.232 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 75.0	η < 0.1	η = 0.2	x: 0.232 m η = 0.6	η < 0.1	**CUMPLE η = 75.0**
N89/N90	x: 6.108 m η = 1.5	x: 0 m η = 21.9	x: 6.109 m η = 62.5	x: 0 m η = 7.6	η = 10.7	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 79.3	η < 0.1	η < 0.1	η = 2.5	η = 0.2	**CUMPLE η = 79.3**
N90/N91	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 43.4	x: 0.091 m η = 0.3	η = 13.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 43.5	η < 0.1	η = 0.2	η = 8.0	η < 0.1	**CUMPLE η = 43.5**
N91/N92	η = 12.8	η = 3.1	x: 1.306 m η = 13.2	x: 1.306 m η = 0.4	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.3	η < 0.1	η = 1.1	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.3**
N92/N93	η = 1.4	η = 5.8	x: 0.049 m η = 18.4	x: 1.306 m η = 0.8	x: 0.049 m η = 4.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 24.4	η < 0.1	η = 1.0	x: 0.049 m η = 2.4	η < 0.1	**CUMPLE η = 24.4**
N93/N94	η = 7.1	η = 30.7	x: 1.306 m η = 9.4	x: 1.306 m η = 0.7	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 40.2	η < 0.1	η = 1.0	x: 0.049 m η = 0.9	η < 0.1	**CUMPLE η = 40.2**
N94/N95	η = 11.6	η = 51.2	x: 1.305 m η = 12.1	x: 0.049 m η = 0.5	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 63.4	η < 0.1	η = 0.8	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 63.4**
N95/N96	η = 16.4	η = 71.8	x: 1.305 m η = 11.0	x: 0.05 m η = 0.2	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 82.8	η < 0.1	η = 0.5	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 82.8**
N96/N97	η = 10.4	η = 45.8	x: 1.304 m η = 7.1	x: 1.304 m η = 0.2	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 53.2	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 53.2**
N97/N98	η = 12.3	η = 54.2	x: 1.304 m η = 6.3	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 60.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 60.7**
N98/N99	η = 13.7	η = 60.6	x: 1.304 m η = 7.8	x: 1.302 m η = 0.2	x: 0.051 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 68.5	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 68.5**
N99/N100	η = 15.2	η = 66.5	x: 1.094 m η = 6.2	x: 1.301 m η = 0.1	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 72.9	η < 0.1	η < 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 72.9**
N100/N101	η = 15.9	η = 70.2	x: 1.303 m η = 11.1	x: 1.303 m η = 0.3	x: 0.052 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 81.7	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 81.7**
N101/N102	η = 16.0	η = 70.5	x: 0.052 m η = 11.1	x: 0.052 m η = 0.3	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 81.9	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 81.9**
N102/N103	η = 15.4	η = 67.1	x: 0.469 m η = 6.2	x: 0.052 m η = 0.2	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.469 m η = 73.5	η < 0.1	η < 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 73.5**
N103/N104	η = 14.0	η = 61.5	x: 0.051 m η = 7.8	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 69.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 69.3**
N104/N105	η = 12.7	η = 55.4	x: 0.051 m η = 6.3	x: 0.051 m η = 0.2	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 61.9	η < 0.1	η = 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 61.9**
N105/N106	η = 10.8	η = 47.3	x: 0.051 m η = 7.2	x: 0.051 m η = 0.2	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 54.6	η < 0.1	η = 0.1	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 54.6**
N106/N107	η = 17.4	η = 75.1	x: 0.05 m η = 11.1	x: 1.305 m η = 0.5	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 86.3	η < 0.1	η = 0.4	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 86.3**
N107/N108	η = 12.7	η = 55.0	x: 0.05 m η = 12.3	x: 1.306 m η = 0.7	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 67.5	η < 0.1	η = 0.5	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 67.5**
N108/N109	η = 8.3	η = 35.0	x: 0.049 m η = 9.5	x: 0.049 m η = 0.9	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 44.9	η < 0.1	η = 0.7	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 44.9**
N109/N110	η = 2.7	η = 10.7	x: 1.306 m η = 15.5	x: 0.049 m η = 0.9	x: 1.306 m η = 3.6	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.3	η < 0.1	η = 0.8	x: 1.306 m η = 2.3	η = 0.1	**CUMPLE η = 26.3**
N110/N111	η = 8.3	η = 2.5	x: 0.049 m η = 9.6	x: 0.049 m η = 0.4	x: 1.225 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 18.1	η < 0.1	η = 0.8	x: 0.049 m η = 0.5	η = 0.1	**CUMPLE η = 18.1**
N113/N425	x: 0.15 m η = 1.0	x: 0 m η = 8.2	x: 0 m η = 4.8	x: 0 m η = 8.5	η = 8.6	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 17.4	η < 0.1	η = 0.1	η = 6.5	η = 0.5	**CUMPLE η = 17.4**
N425/N417	x: 2.55 m η = 1.3	x: 0 m η = 8.8	x: 2.55 m η = 41.5	x: 0 m η = 7.8	η = 9.8	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 50.9	η < 0.1	η = 0.1	η = 6.5	η = 0.5	**CUMPLE η = 50.9**
N417/N112	x: 0.108 m η = 1.5	x: 0 m η = 7.7	x: 0.109 m η = 43.5	x: 0.109 m η = 4.1	η = 11.0	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 52.8	η < 0.1	η = 0.1	η = 6.5	η = 0.2	**CUMPLE η = 52.8**
N112/N111	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 29.0	x: 0.091 m η = 0.2	η = 8.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 29.2	η < 0.1	η = 0.2	η = 5.5	η < 0.1	**CUMPLE η = 29.2**
N114/N101	x: 1.51 m η = 32.7	x: 0.091 m η = 9.4	x: 1.51 m η = 0.4	x: 0.091 m η = 0.8	η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.51 m η = 33.4	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 33.4**
N90/N115	x: 1.304 m η = 0.8	x: 0.131 m η = 2.7	x: 0.131 m η = 75.4	x: 0.131 m η = 2.0	x: 0.131 m η = 12.8	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 80.1	η < 0.1	η = 1.4	x: 0.131 m η = 7.6	η = 0.2	**CUMPLE η = 80.1**
N115/N116	x: 1.303 m η = 20.1	x: 0.05 m η = 4.9	x: 0.05 m η = 23.1	x: 1.305 m η = 3.3	x: 1.305 m η = 2.3	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 43.6	η < 0.1	η = 2.7	x: 1.305 m η = 1.5	η = 0.3	**CUMPLE η = 43.6**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N116/N117	x: 1.303 m η = 40.5	x: 0.051 m η = 9.1	x: 1.305 m η = 7.0	x: 0.051 m η = 2.0	x: 0.051 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 47.7	η < 0.1	η = 0.8	x: 0.051 m η = 1.1	η = 0.1	**CUMPLE η = 47.7**
N117/N118	x: 1.303 m η = 61.1	x: 0.051 m η = 14.0	x: 1.305 m η = 14.9	x: 1.305 m η = 1.8	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 77.8	η < 0.1	η = 0.9	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 77.8**
N118/N119	x: 1.302 m η = 77.7	x: 0.051 m η = 17.4	x: 1.095 m η = 7.8	x: 0.051 m η = 4.2	x: 0.051 m η = 0.4	η = 0.7	η < 0.1	η < 0.1	x: 0.051 m η = 88.7	η < 0.1	η = 0.6	x: 0.051 m η = 0.4	η = 0.3	**CUMPLE η = 88.7**
N119/N120	x: 1.302 m η = 48.7	x: 0.052 m η = 11.0	x: 1.304 m η = 8.7	x: 1.304 m η = 2.4	x: 0.052 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 59.7	η < 0.1	η = 0.2	x: 0.052 m η = 0.7	η = 0.2	**CUMPLE η = 59.7**
N120/N121	x: 1.301 m η = 55.0	x: 0.052 m η = 12.2	x: 0.26 m η = 5.4	x: 0.052 m η = 0.5	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 60.8	η < 0.1	η = 0.4	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 60.8**
N121/N122	x: 1.301 m η = 61.0	x: 0.053 m η = 13.6	x: 1.303 m η = 9.6	x: 1.303 m η = 0.6	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.2	η < 0.1	η = 0.4	x: 0.053 m η = 0.7	η < 0.1	**CUMPLE η = 71.2**
N122/N123	x: 1.3 m η = 64.6	x: 0.053 m η = 14.3	x: 0.053 m η = 7.4	x: 0.053 m η = 1.7	x: 1.302 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 73.7	η < 0.1	η = 0.4	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.7**
N123/N114	x: 1.313 m η = 67.3	x: 0.054 m η = 14.9	x: 1.315 m η = 13.6	x: 1.315 m η = 2.0	x: 0.054 m η = 1.6	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 83.0	η < 0.1	η = 0.3	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 83.0**
N112/N132	x: 1.304 m η = 0.4	x: 0.131 m η = 0.2	x: 0.131 m η = 60.7	x: 0.131 m η = 1.8	x: 0.131 m η = 10.3	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 61.0	η < 0.1	η = 1.1	x: 0.131 m η = 6.4	η < 0.1	**CUMPLE η = 61.0**
N132/N131	x: 1.303 m η = 24.2	x: 0.05 m η = 5.7	x: 0.05 m η = 17.3	x: 1.305 m η = 3.1	x: 1.305 m η = 1.4	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 41.5	η < 0.1	η = 2.2	x: 1.305 m η = 1.1	η < 0.1	**CUMPLE η = 41.5**
N131/N130	x: 1.303 m η = 44.2	x: 0.051 m η = 9.9	x: 1.305 m η = 6.9	x: 0.051 m η = 1.4	x: 0.051 m η = 1.3	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 51.1	η < 0.1	η = 0.8	x: 0.051 m η = 0.9	η = 0.1	**CUMPLE η = 51.1**
N130/N129	x: 1.303 m η = 64.3	x: 0.051 m η = 14.6	x: 1.305 m η = 15.1	x: 1.305 m η = 1.6	x: 0.051 m η = 2.4	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 80.5	η < 0.1	η = 0.6	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 80.5**
N129/N128	x: 1.302 m η = 80.5	x: 0.051 m η = 17.9	x: 1.095 m η = 8.0	x: 0.051 m η = 2.5	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.677 m η = 88.7	η < 0.1	η = 0.5	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 88.7**
N128/N127	x: 1.302 m η = 49.8	x: 0.052 m η = 11.2	x: 1.304 m η = 8.7	x: 1.304 m η = 1.5	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.2	η < 0.1	η = 0.3	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.2**
N127/N126	x: 1.301 m η = 55.9	x: 0.052 m η = 12.4	x: 0.052 m η = 5.5	x: 0.052 m η = 1.3	x: 0.052 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 62.7	η < 0.1	η = 0.5	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 62.7**
N126/N125	x: 1.301 m η = 61.6	x: 0.053 m η = 13.8	x: 1.303 m η = 9.6	x: 1.303 m η = 1.2	x: 0.053 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 72.3	η < 0.1	η = 0.4	x: 0.053 m η = 0.6	η = 0.1	**CUMPLE η = 72.3**
N125/N124	x: 1.3 m η = 64.9	x: 0.053 m η = 14.3	x: 0.053 m η = 7.5	x: 0.053 m η = 0.9	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 72.5	η < 0.1	η = 0.3	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 72.5**
N124/N114	x: 1.313 m η = 67.3	x: 0.054 m η = 14.9	x: 1.315 m η = 13.6	x: 1.315 m η = 1.2	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 81.1	η < 0.1	η = 0.3	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 81.1**
N122/N99	x: 1.59 m η = 37.5	x: 0.091 m η = 10.2	x: 1.59 m η = 13.3	x: 0.091 m η = 0.7	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 51.0	η < 0.1	η = 0.4	η = 1.1	η < 0.1	**CUMPLE η = 51.0**
N123/N100	x: 1.55 m η = 20.0	x: 0.091 m η = 4.8	x: 0.091 m η = 10.8	x: 0.091 m η = 0.2	η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 30.8	η < 0.1	η = 0.5	η = 0.9	η < 0.1	**CUMPLE η = 30.8**
N121/N98	x: 1.63 m η = 39.0	x: 0.091 m η = 9.2	x: 1.63 m η = 17.2	x: 1.63 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 56.2	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 56.2**
N120/N97	x: 1.67 m η = 55.0	x: 0.091 m η = 14.1	x: 1.67 m η = 20.6	x: 0.091 m η = 0.6	η = 2.7	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 75.9	η < 0.1	η = 0.5	η = 1.6	η < 0.1	**CUMPLE η = 75.9**
N119/N96	x: 1.71 m η = 56.3	x: 0.091 m η = 13.1	x: 1.71 m η = 23.8	x: 1.71 m η = 0.5	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.1	η < 0.1	η = 0.4	η = 1.8	η < 0.1	**CUMPLE η = 80.1**
N115/N92	x: 1.869 m η = 41.8	x: 0.091 m η = 9.7	x: 0.091 m η = 28.1	x: 0.091 m η = 0.6	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.0	η < 0.1	η = 0.6	η = 1.8	η < 0.1	**CUMPLE η = 70.0**
N116/N93	x: 1.829 m η = 60.7	x: 0.091 m η = 14.9	x: 1.83 m η = 20.7	x: 0.091 m η = 1.9	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 81.5	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 81.5**
N117/N94	x: 1.789 m η = 47.2	x: 0.091 m η = 10.9	x: 1.79 m η = 19.7	x: 1.789 m η = 0.6	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.0	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 67.0**
N118/N95	x: 1.75 m η = 72.5	x: 0.091 m η = 18.1	x: 1.75 m η = 26.9	x: 0.091 m η = 0.8	η = 3.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 99.6	η < 0.1	η = 0.5	η = 2.0	η < 0.1	**CUMPLE η = 99.6**
N125/N103	x: 1.59 m η = 35.7	x: 0.091 m η = 9.8	x: 1.59 m η = 12.5	x: 0.091 m η = 0.4	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 48.4	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 48.4**
N124/N102	x: 1.55 m η = 18.2	x: 0.091 m η = 4.4	x: 0.091 m η = 10.1	x: 0.091 m η = 0.2	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 28.3	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 28.3**
N126/N104	x: 1.63 m η = 37.2	x: 0.091 m η = 8.8	x: 1.63 m η = 16.4	x: 1.63 m η = 0.2	η = 2.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 53.6	η < 0.1	η = 0.4	η = 1.3	η < 0.1	**CUMPLE η = 53.6**
N127/N105	x: 1.67 m η = 53.3	x: 0.091 m η = 13.8	x: 1.67 m η = 19.8	x: 1.67 m η = 0.5	η = 2.6	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 73.5	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 73.5**
N128/N106	x: 1.71 m η = 54.5	x: 0.091 m η = 12.8	x: 1.71 m η = 23.1	x: 1.71 m η = 0.5	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 77.8	η < 0.1	η = 0.4	η = 1.8	η < 0.1	**CUMPLE η = 77.8**
N131/N109	x: 1.829 m η = 59.0	x: 0.091 m η = 14.6	x: 1.83 m η = 20.4	x: 0.091 m η = 1.8	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 79.6	η < 0.1	η = 0.3	η = 1.4	η = 0.1	**CUMPLE η = 79.6**
N130/N108	x: 1.789 m η = 46.2	x: 0.091 m η = 10.8	x: 1.79 m η = 19.2	x: 1.79 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 65.7	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 65.7**
N129/N107	x: 1.75 m η = 70.7	x: 0.091 m η = 17.8	x: 1.75 m η = 26.2	x: 1.75 m η = 0.4	η = 3.3	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 97.1	η < 0.1	η = 0.1	η = 1.9	η < 0.1	**CUMPLE η = 97.1**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N132/N110	x: 1.869 m η = 43.9	x: 0.091 m η = 10.3	x: 0.091 m η = 26.5	x: 0.091 m η = 0.5	η = 2.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.7	η < 0.1	η = 0.6	η = 1.7	η < 0.1	**CUMPLE η = 70.7**
N123/N101	x: 2.01 m η = 5.6	x: 0.12 m η = 21.0	x: 0.12 m η = 6.3	x: 0.12 m η = 1.1	x: 2.01 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.5	η < 0.1	η = 0.4	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 28.5**
N122/N100	x: 2.042 m η = 5.9	x: 0.119 m η = 28.6	x: 0.119 m η = 9.0	x: 2.042 m η = 0.7	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 38.1	η < 0.1	η = 0.3	x: 2.042 m η = 0.7	η < 0.1	**CUMPLE η = 38.1**
N121/N99	x: 2.075 m η = 11.7	x: 0.118 m η = 47.6	x: 0.118 m η = 10.4	x: 0.118 m η = 0.4	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 58.1	η < 0.1	η < 0.1	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 58.1**
N120/N98	x: 2.107 m η = 11.1	x: 0.117 m η = 50.8	x: 0.117 m η = 12.8	x: 0.117 m η = 0.9	x: 2.107 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 64.4	η < 0.1	η = 0.2	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 64.4**
N119/N97	x: 2.14 m η = 16.6	x: 0.116 m η = 69.1	x: 0.116 m η = 14.0	x: 0.116 m η = 1.1	x: 2.14 m η = 1.6	η = 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 84.1	η < 0.1	η = 0.3	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 84.1**
N118/N96	x: 2.173 m η = 15.7	x: 0.115 m η = 71.5	x: 0.115 m η = 16.2	x: 0.115 m η = 0.7	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 88.3	η < 0.1	η = 0.5	x: 2.173 m η = 1.2	η < 0.1	**CUMPLE η = 88.3**
N117/N95	x: 2.206 m η = 13.9	x: 0.114 m η = 58.5	x: 0.114 m η = 11.6	x: 0.114 m η = 0.2	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 70.2	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 70.2**
N116/N94	x: 2.239 m η = 13.1	x: 0.113 m η = 58.9	x: 2.239 m η = 11.9	x: 0.113 m η = 0.9	x: 2.239 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 71.2	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 71.2**
N115/N93	x: 2.273 m η = 17.1	x: 0.112 m η = 72.7	x: 0.112 m η = 20.0	x: 0.112 m η = 0.6	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 92.9	η < 0.1	η = 0.4	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 92.9**
N90/N92	x: 2.307 m η = 12.2	x: 0.232 m η = 55.4	x: 0.232 m η = 17.3	x: 0.232 m η = 1.1	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 73.5	η < 0.1	η = 0.2	x: 2.307 m η = 0.4	η < 0.1	**CUMPLE η = 73.5**
N124/N101	x: 2.01 m η = 5.1	x: 0.12 m η = 18.5	x: 0.12 m η = 5.9	x: 0.12 m η = 0.6	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 24.9	η < 0.1	η = 0.3	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 24.9**
N125/N102	x: 2.042 m η = 5.5	x: 0.119 m η = 26.2	x: 0.119 m η = 8.6	x: 0.119 m η = 0.5	x: 2.042 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 35.3	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 35.3**
N126/N103	x: 2.075 m η = 11.3	x: 0.118 m η = 45.2	x: 0.118 m η = 10.0	x: 0.118 m η = 0.8	x: 2.075 m η = 1.1	η = 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 56.1	η < 0.1	η = 0.1	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 56.1**
N127/N104	x: 2.107 m η = 10.6	x: 0.117 m η = 48.5	x: 0.117 m η = 12.4	x: 0.117 m η = 0.6	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 61.0	η < 0.1	η = 0.3	x: 2.107 m η = 0.9	η < 0.1	**CUMPLE η = 61.0**
N128/N105	x: 2.14 m η = 16.2	x: 0.116 m η = 66.8	x: 0.116 m η = 13.6	x: 0.116 m η = 0.6	x: 2.14 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 80.9	η < 0.1	η = 0.3	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 80.9**
N129/N106	x: 2.173 m η = 15.3	x: 0.115 m η = 69.3	x: 0.115 m η = 15.8	x: 0.115 m η = 0.7	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 85.3	η < 0.1	η = 0.1	x: 2.173 m η = 1.1	η < 0.1	**CUMPLE η = 85.3**
N130/N107	x: 2.206 m η = 13.6	x: 0.114 m η = 57.1	x: 0.114 m η = 11.3	x: 0.114 m η = 0.4	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 68.8	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 68.8**
N131/N108	x: 2.239 m η = 12.8	x: 0.113 m η = 57.7	x: 2.239 m η = 11.7	x: 0.113 m η = 0.9	x: 2.239 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 69.8	η < 0.1	η = 0.3	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 69.8**
N132/N109	x: 2.273 m η = 16.8	x: 0.112 m η = 70.8	x: 0.112 m η = 18.5	x: 0.112 m η = 0.6	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 89.6	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 89.6**
N112/N110	x: 2.307 m η = 12.5	x: 0.232 m η = 56.4	x: 0.232 m η = 11.2	x: 0.232 m η = 1.0	x: 0.232 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 68.2	η < 0.1	η = 0.2	x: 0.232 m η = 0.6	η = 0.1	**CUMPLE η = 68.2**
N133/N134	x: 6.108 m η = 1.5	x: 0 m η = 22.0	x: 6.109 m η = 63.0	x: 0 m η = 7.3	η = 10.8	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 80.2	η < 0.1	η < 0.1	η = 2.6	η = 0.2	**CUMPLE η = 80.2**
N134/N135	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 43.8	x: 0.091 m η = 0.2	η = 13.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 43.9	η < 0.1	η = 0.2	η = 3.3	η < 0.1	**CUMPLE η = 43.9**
N135/N136	η = 12.9	η = 3.1	x: 1.306 m η = 13.3	x: 1.306 m η = 0.3	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.2	η < 0.1	η = 1.0	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.2**
N136/N137	η = 1.4	η = 5.7	x: 0.049 m η = 18.5	x: 1.306 m η = 0.5	x: 0.049 m η = 4.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 24.3	η < 0.1	η = 0.9	x: 0.049 m η = 2.5	η < 0.1	**CUMPLE η = 24.3**
N137/N138	η = 7.2	η = 30.8	x: 1.306 m η = 9.4	x: 1.306 m η = 0.5	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 40.3	η < 0.1	η = 0.8	x: 0.049 m η = 0.9	η < 0.1	**CUMPLE η = 40.3**
N138/N139	η = 11.7	η = 51.2	x: 1.305 m η = 12.1	x: 0.049 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 63.4	η < 0.1	η = 0.7	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 63.4**
N139/N140	η = 16.5	η = 71.8	x: 1.305 m η = 11.0	x: 0.05 m η = 0.2	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 82.8	η < 0.1	η = 0.5	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 82.8**
N140/N141	η = 10.4	η = 45.8	x: 1.304 m η = 7.2	x: 1.304 m η = 0.3	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 53.3	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 53.3**
N141/N142	η = 12.4	η = 54.3	x: 1.304 m η = 6.3	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 60.8	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 60.8**
N142/N143	η = 13.8	η = 60.6	x: 1.304 m η = 7.8	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 68.4	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 68.4**
N143/N144	η = 15.3	η = 66.5	x: 1.094 m η = 6.2	x: 1.303 m η = 0.1	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 72.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 72.9**
N144/N145	η = 16.0	η = 70.2	x: 1.303 m η = 11.2	x: 1.303 m η = 0.5	x: 0.052 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 81.9	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 81.9**
N145/N146	η = 16.2	η = 70.6	x: 0.052 m η = 11.1	x: 0.052 m η = 0.4	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 82.1	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 82.1**
N146/N147	η = 15.5	η = 67.2	x: 0.469 m η = 6.2	x: 0.052 m η = 0.1	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.469 m η = 73.5	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 73.5**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N147/N148	η = 14.1	η = 61.6	x: 0.051 m η = 7.7	x: 1.304 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 69.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 69.3**
N148/N149	η = 12.9	η = 55.6	x: 0.051 m η = 6.3	x: 1.304 m η = 0.2	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 62.1	η < 0.1	η < 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 62.1**
N149/N150	η = 10.9	η = 47.5	x: 0.051 m η = 7.2	x: 0.051 m η = 0.2	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 54.9	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 54.9**
N150/N151	η = 17.6	η = 75.5	x: 0.05 m η = 11.1	x: 1.305 m η = 0.3	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 86.6	η < 0.1	η = 0.3	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 86.6**
N151/N152	η = 12.9	η = 55.5	x: 0.05 m η = 12.3	x: 0.05 m η = 0.3	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 67.9	η < 0.1	η = 0.4	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 67.9**
N152/N153	η = 8.5	η = 35.4	x: 0.049 m η = 9.5	x: 0.049 m η = 0.4	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 45.0	η < 0.1	η = 0.5	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 45.0**
N153/N154	η = 2.8	η = 11.0	x: 1.306 m η = 15.4	x: 0.049 m η = 0.4	x: 1.306 m η = 3.7	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.5	η < 0.1	η = 0.7	x: 1.306 m η = 2.3	η < 0.1	**CUMPLE η = 26.5**
N154/N155	η = 8.0	η = 2.5	x: 0.049 m η = 9.5	x: 0.049 m η = 0.3	x: 1.225 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 17.5	η < 0.1	η = 0.6	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 17.5**
N157/N426	x: 0.15 m η = 0.9	x: 0 m η = 8.3	x: 0 m η = 5.2	x: 0 m η = 6.7	η = 7.9	η = 0.4	η < 0.1	η < 0.1	x: 0 m η = 14.1	η < 0.1	η = 0.1	η = 6.3	η = 0.3	**CUMPLE η = 14.1**
N426/N418	x: 2.55 m η = 1.3	x: 0 m η = 8.9	x: 2.55 m η = 40.7	x: 0 m η = 6.1	η = 9.3	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 49.6	η < 0.1	η = 0.1	η = 6.3	η = 0.3	**CUMPLE η = 49.6**
N418/N156	x: 0.108 m η = 1.5	x: 0 m η = 7.7	x: 0.109 m η = 42.7	x: 0.109 m η = 3.2	η = 10.8	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 51.5	η < 0.1	η = 0.1	η = 6.3	η = 0.2	**CUMPLE η = 51.5**
N156/N155	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 0.2	x: 0.091 m η = 28.3	x: 0.091 m η = 0.2	η = 8.5	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.5	η < 0.1	η = 0.1	η = 5.4	η < 0.1	**CUMPLE η = 28.5**
N158/N145	x: 1.51 m η = 32.9	x: 0.091 m η = 9.6	x: 1.51 m η = 0.4	x: 0.091 m η = 1.3	η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 34.4	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 34.4**
N134/N159	x: 1.304 m η = 0.9	x: 0.131 m η = 2.7	x: 0.131 m η = 75.9	x: 0.131 m η = 1.2	x: 0.131 m η = 12.8	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 79.8	η < 0.1	η = 1.1	x: 0.131 m η = 7.6	η = 0.1	**CUMPLE η = 79.8**
N159/N160	x: 1.303 m η = 20.2	x: 0.05 m η = 4.9	x: 0.05 m η = 23.2	x: 1.305 m η = 2.0	x: 1.305 m η = 2.3	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 43.5	η < 0.1	η = 2.2	x: 1.305 m η = 1.5	η = 0.2	**CUMPLE η = 43.5**
N160/N161	x: 1.303 m η = 40.5	x: 0.051 m η = 9.2	x: 1.305 m η = 6.9	x: 0.051 m η = 1.3	x: 0.051 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 47.6	η < 0.1	η = 0.1	x: 0.051 m η = 1.0	η = 0.1	**CUMPLE η = 47.6**
N161/N162	x: 1.303 m η = 61.2	x: 0.051 m η = 14.1	x: 1.305 m η = 14.9	x: 1.305 m η = 1.1	x: 0.051 m η = 2.4	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 77.1	η < 0.1	η = 0.4	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 77.1**
N162/N163	x: 1.302 m η = 77.8	x: 0.051 m η = 17.5	x: 1.095 m η = 7.8	x: 0.051 m η = 2.6	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 87.1	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 87.1**
N163/N164	x: 1.302 m η = 48.8	x: 0.052 m η = 11.1	x: 1.304 m η = 8.7	x: 1.304 m η = 1.5	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.0	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.0**
N164/N165	x: 1.301 m η = 55.0	x: 0.052 m η = 12.3	x: 0.053 m η = 5.4	x: 0.052 m η = 0.5	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 60.6	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 60.6**
N165/N166	x: 1.301 m η = 61.0	x: 0.053 m η = 13.7	x: 1.303 m η = 9.6	x: 1.303 m η = 0.4	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 70.8	η < 0.1	η = 0.1	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 70.8**
N166/N167	x: 1.3 m η = 64.7	x: 0.053 m η = 14.4	x: 0.053 m η = 7.4	x: 0.053 m η = 1.0	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.1	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.1**
N167/N158	x: 1.313 m η = 67.4	x: 0.054 m η = 15.1	x: 1.315 m η = 13.6	x: 1.315 m η = 1.4	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 82.5	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 82.5**
N156/N176	x: 1.304 m η = 0.4	x: 0.131 m η = 0.1	x: 0.131 m η = 60.2	x: 0.131 m η = 1.9	x: 0.131 m η = 10.2	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 60.9	η < 0.1	η = 0.7	x: 0.131 m η = 6.3	η = 0.1	**CUMPLE η = 60.9**
N176/N175	x: 1.303 m η = 24.8	x: 0.05 m η = 5.8	x: 0.05 m η = 17.0	x: 1.305 m η = 3.3	x: 1.305 m η = 1.3	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 41.9	η < 0.1	η = 1.4	x: 1.305 m η = 1.0	η = 0.2	**CUMPLE η = 41.9**
N175/N174	x: 1.303 m η = 44.7	x: 0.051 m η = 10.1	x: 1.305 m η = 6.9	x: 0.051 m η = 1.7	x: 0.051 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 51.6	η < 0.1	η = 0.1	x: 0.051 m η = 0.9	η = 0.1	**CUMPLE η = 51.6**
N174/N173	x: 1.303 m η = 64.8	x: 0.051 m η = 14.8	x: 1.305 m η = 15.1	x: 1.305 m η = 2.0	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 80.0	η < 0.1	η = 0.3	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 80.0**
N173/N172	x: 1.302 m η = 81.0	x: 0.051 m η = 18.1	x: 1.095 m η = 8.0	x: 0.051 m η = 2.4	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.469 m η = 89.6	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 89.6**
N172/N171	x: 1.302 m η = 50.1	x: 0.052 m η = 11.3	x: 1.304 m η = 8.7	x: 1.304 m η = 1.5	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.8	η < 0.1	η < 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.8**
N171/N170	x: 1.301 m η = 56.1	x: 0.052 m η = 12.5	x: 0.052 m η = 5.6	x: 0.052 m η = 0.6	x: 1.303 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 62.1	η < 0.1	η < 0.1	x: 1.303 m η = 0.2	η < 0.1	**CUMPLE η = 62.1**
N170/N169	x: 1.301 m η = 61.7	x: 0.053 m η = 13.9	x: 1.303 m η = 9.6	x: 1.303 m η = 0.7	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.7	η < 0.1	η = 0.1	x: 0.053 m η = 0.6	η < 0.1	**CUMPLE η = 71.7**
N169/N168	x: 1.3 m η = 65.1	x: 0.053 m η = 14.5	x: 0.053 m η = 7.5	x: 0.053 m η = 1.0	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.0	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.0**
N168/N158	x: 1.313 m η = 67.5	x: 0.054 m η = 15.1	x: 1.315 m η = 13.6	x: 1.315 m η = 1.3	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 81.9	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 81.9**
N166/N143	x: 1.59 m η = 37.3	x: 0.091 m η = 10.2	x: 1.59 m η = 13.3	x: 0.091 m η = 0.8	η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 51.2	η < 0.1	η = 0.1	η = 0.4	η < 0.1	**CUMPLE η = 51.2**
N167/N144	x: 1.55 m η = 20.2	x: 0.091 m η = 4.9	x: 0.091 m η = 10.9	x: 1.55 m η = 0.2	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 31.3	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 31.3**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N165/N142	x: 1.63 m η = 38.8	x: 0.091 m η = 9.2	x: 1.63 m η = 17.1	x: 0.091 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 56.1	η < 0.1	η = 0.1	η = 0.5	η < 0.1	**CUMPLE η = 56.1**
N164/N141	x: 1.67 m η = 55.1	x: 0.091 m η = 14.3	x: 1.67 m η = 20.6	x: 0.091 m η = 0.8	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 76.2	η < 0.1	η = 0.2	η = 1.6	η = 0.1	**CUMPLE η = 76.2**
N163/N140	x: 1.71 m η = 56.3	x: 0.091 m η = 13.2	x: 1.71 m η = 23.8	x: 1.71 m η = 0.5	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.3	η < 0.1	η = 0.3	η = 1.8	η < 0.1	**CUMPLE η = 80.3**
N159/N136	x: 1.869 m η = 42.0	x: 0.091 m η = 9.8	x: 0.091 m η = 28.3	x: 0.091 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.3	η < 0.1	η = 0.5	η = 1.8	η < 0.1	**CUMPLE η = 70.3**
N160/N137	x: 1.829 m η = 61.0	x: 0.091 m η = 15.0	x: 1.83 m η = 20.8	x: 0.091 m η = 1.4	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 82.0	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 82.0**
N161/N138	x: 1.789 m η = 47.2	x: 0.091 m η = 11.0	x: 1.79 m η = 19.7	x: 0.091 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.1	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 67.1**
N162/N139	x: 1.75 m η = 72.4	x: 0.091 m η = 18.2	x: 1.75 m η = 26.8	x: 0.091 m η = 0.8	η = 3.4	η = 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 99.8	η < 0.1	η = 0.2	η = 0.8	η < 0.1	**CUMPLE η = 99.8**
N169/N147	x: 1.59 m η = 35.3	x: 0.091 m η = 9.8	x: 1.59 m η = 12.4	x: 0.091 m η = 0.9	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 48.3	η < 0.1	η = 0.2	η = 0.4	η < 0.1	**CUMPLE η = 48.3**
N168/N146	x: 1.55 m η = 18.2	x: 0.091 m η = 4.5	x: 0.091 m η = 10.1	x: 1.55 m η = 0.2	η = 1.4	η < 0.1	η < 0.1	x: 0.091 m η < 0.1	x: 1.55 m η = 28.3	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 28.3**
N170/N148	x: 1.63 m η = 36.9	x: 0.091 m η = 8.8	x: 1.63 m η = 16.3	x: 0.091 m η = 0.1	η = 2.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 53.3	η < 0.1	η = 0.1	η = 0.5	η < 0.1	**CUMPLE η = 53.3**
N171/N149	x: 1.67 m η = 53.2	x: 0.091 m η = 13.9	x: 1.67 m η = 19.8	x: 0.091 m η = 0.7	η = 2.6	η = 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 73.6	η < 0.1	η = 0.3	η = 1.5	η = 0.1	**CUMPLE η = 73.6**
N172/N150	x: 1.71 m η = 54.5	x: 0.091 m η = 12.9	x: 1.71 m η = 23.1	x: 1.71 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 77.8	η < 0.1	η = 0.3	η = 1.8	η < 0.1	**CUMPLE η = 77.8**
N175/N153	x: 1.829 m η = 59.2	x: 0.091 m η = 14.7	x: 1.83 m η = 20.5	x: 0.091 m η = 0.7	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 79.9	η < 0.1	η = 0.1	η = 1.4	η < 0.1	**CUMPLE η = 79.9**
N174/N152	x: 1.789 m η = 46.2	x: 0.091 m η = 10.8	x: 1.79 m η = 19.2	x: 1.789 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 65.4	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 65.4**
N173/N151	x: 1.75 m η = 70.6	x: 0.091 m η = 17.9	x: 1.75 m η = 26.1	x: 0.091 m η = 0.7	η = 3.3	η = 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 96.9	η < 0.1	η = 0.2	η = 1.9	η < 0.1	**CUMPLE η = 96.9**
N176/N154	x: 1.869 m η = 44.3	x: 0.091 m η = 10.4	x: 0.091 m η = 26.6	x: 0.091 m η = 0.3	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.8	η < 0.1	η = 0.5	η = 1.7	η < 0.1	**CUMPLE η = 70.8**
N167/N145	x: 2.01 m η = 5.7	x: 0.12 m η = 21.3	x: 0.12 m η = 6.3	x: 0.12 m η = 0.7	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.4	η < 0.1	η = 0.3	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 28.4**
N166/N144	x: 2.042 m η = 6.1	x: 0.119 m η = 28.8	x: 0.119 m η = 9.0	x: 0.119 m η = 0.9	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 38.8	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 38.8**
N165/N143	x: 2.075 m η = 11.8	x: 0.118 m η = 47.4	x: 0.118 m η = 10.4	x: 0.118 m η = 0.3	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 57.8	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 57.8**
N164/N142	x: 2.107 m η = 11.1	x: 0.117 m η = 50.6	x: 0.117 m η = 12.8	x: 0.117 m η = 0.2	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 63.4	η < 0.1	η = 0.2	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 63.4**
N163/N141	x: 2.14 m η = 16.8	x: 0.116 m η = 69.2	x: 0.116 m η = 14.0	x: 0.116 m η = 0.7	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	x: 0.116 m η < 0.1	x: 0.116 m η = 83.9	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 83.9**
N162/N140	x: 2.173 m η = 15.9	x: 0.115 m η = 71.6	x: 0.115 m η = 16.2	x: 0.115 m η = 0.8	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 88.6	η < 0.1	η = 0.3	x: 0.115 m η = 0.6	η < 0.1	**CUMPLE η = 88.6**
N161/N139	x: 2.206 m η = 14.0	x: 0.114 m η = 58.5	x: 0.114 m η = 11.6	x: 0.114 m η = 0.1	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 70.2	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 70.2**
N160/N138	x: 2.239 m η = 13.1	x: 0.113 m η = 58.8	x: 2.239 m η = 11.9	x: 0.113 m η = 0.5	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 70.6	η < 0.1	η = 0.3	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 70.6**
N159/N137	x: 2.273 m η = 17.2	x: 0.112 m η = 73.0	x: 0.112 m η = 20.2	x: 0.112 m η = 0.6	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 93.2	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 93.2**
N134/N136	x: 2.307 m η = 12.3	x: 0.232 m η = 55.6	x: 0.232 m η = 17.4	x: 0.232 m η = 1.0	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 73.9	η < 0.1	η = 0.2	x: 0.232 m η = 0.8	η < 0.1	**CUMPLE η = 73.9**
N168/N145	x: 2.01 m η = 5.2	x: 0.12 m η = 18.5	x: 0.12 m η = 5.9	x: 0.12 m η = 0.6	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 25.0	η < 0.1	η = 0.3	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 25.0**
N169/N146	x: 2.042 m η = 5.6	x: 0.119 m η = 26.2	x: 0.119 m η = 8.6	x: 0.119 m η = 0.8	x: 2.042 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 35.3	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 35.3**
N170/N147	x: 2.075 m η = 11.3	x: 0.118 m η = 44.8	x: 0.118 m η = 9.9	x: 0.118 m η = 0.3	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 55.0	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 55.0**
N171/N148	x: 2.107 m η = 10.6	x: 0.117 m η = 48.1	x: 0.117 m η = 12.3	x: 0.117 m η = 0.4	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 60.8	η < 0.1	η = 0.1	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 60.8**
N172/N149	x: 2.14 m η = 16.3	x: 0.116 m η = 66.8	x: 0.116 m η = 13.6	x: 0.116 m η = 0.5	x: 2.14 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 80.8	η < 0.1	η = 0.3	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 80.8**
N173/N150	x: 2.173 m η = 15.5	x: 0.115 m η = 69.2	x: 0.115 m η = 15.8	x: 0.115 m η = 1.0	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 85.7	η < 0.1	η < 0.1	x: 2.173 m η = 1.1	η = 0.1	**CUMPLE η = 85.7**
N174/N151	x: 2.206 m η = 13.7	x: 0.114 m η = 57.0	x: 0.114 m η = 11.3	x: 0.114 m η = 0.1	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 68.4	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 68.4**
N175/N152	x: 2.239 m η = 12.9	x: 0.113 m η = 57.6	x: 2.239 m η = 11.7	x: 0.113 m η = 0.6	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 69.1	η < 0.1	η = 0.1	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 69.1**
N176/N153	x: 2.273 m η = 16.9	x: 0.112 m η = 71.1	x: 0.112 m η = 18.5	x: 0.112 m η = 0.6	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 89.9	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 89.9**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N156/N154	x: 2.307 m η = 12.7	x: 0.232 m η = 56.7	x: 0.232 m η = 10.9	x: 2.307 m η = 0.4	x: 0.232 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 67.6	η < 0.1	η = 0.1	x: 0.232 m η = 0.5	η < 0.1	**CUMPLE η = 67.6**
N177/N178	x: 6.108 m η = 1.5	x: 0 m η = 21.9	x: 6.109 m η = 62.7	x: 0 m η = 7.2	η = 10.8	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 80.1	η < 0.1	η < 0.1	η = 2.5	η = 0.2	**CUMPLE η = 80.1**
N178/N179	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 43.6	x: 0.091 m η = 0.2	η = 13.7	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 43.7	η < 0.1	η = 0.2	η = 3.2	η < 0.1	**CUMPLE η = 43.7**
N179/N180	η = 12.9	η = 3.1	x: 1.306 m η = 13.2	x: 1.306 m η = 0.3	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.1	η < 0.1	η = 0.9	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.1**
N180/N181	η = 1.4	η = 5.8	x: 0.049 m η = 18.5	x: 1.306 m η = 0.5	x: 0.049 m η = 4.0	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 24.3	η < 0.1	η = 0.9	x: 0.049 m η = 2.5	η < 0.1	**CUMPLE η = 24.3**
N181/N182	η = 7.1	η = 30.7	x: 1.306 m η = 9.4	x: 1.306 m η = 0.5	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 40.4	η < 0.1	η = 0.8	x: 0.049 m η = 0.9	η < 0.1	**CUMPLE η = 40.4**
N182/N183	η = 11.6	η = 51.2	x: 1.305 m η = 12.1	x: 0.258 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 63.5	η < 0.1	η = 0.7	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 63.5**
N183/N184	η = 16.4	η = 71.8	x: 1.305 m η = 11.0	x: 0.259 m η = 0.1	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 82.8	η < 0.1	η = 0.4	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 82.8**
N184/N185	η = 10.4	η = 45.8	x: 1.304 m η = 7.2	x: 1.304 m η = 0.2	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 53.2	η < 0.1	η = 0.1	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 53.2**
N185/N186	η = 12.3	η = 54.2	x: 1.304 m η = 6.3	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 60.7	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 60.7**
N186/N187	η = 13.7	η = 60.5	x: 1.304 m η = 7.8	x: 0.051 m η = 0.1	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 68.4	η < 0.1	η < 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 68.4**
N187/N188	η = 15.2	η = 66.5	x: 1.094 m η = 6.2	x: 1.303 m η = 0.2	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 72.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 72.9**
N188/N189	η = 15.9	η = 70.2	x: 1.303 m η = 11.2	x: 1.303 m η = 0.5	x: 0.052 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 81.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 81.8**
N189/N190	η = 16.0	η = 70.5	x: 0.052 m η = 11.1	x: 0.052 m η = 0.5	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 82.1	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 82.1**
N190/N191	η = 15.4	η = 67.1	x: 0.469 m η = 6.2	x: 0.052 m η = 0.2	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 73.5	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 73.5**
N191/N192	η = 14.0	η = 61.5	x: 0.051 m η = 7.7	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 69.3	η < 0.1	η < 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 69.3**
N192/N193	η = 12.8	η = 55.5	x: 0.051 m η = 6.3	x: 1.302 m η = 0.2	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 61.9	η < 0.1	η < 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 61.9**
N193/N194	η = 10.8	η = 47.4	x: 0.051 m η = 7.2	x: 0.051 m η = 0.2	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 54.7	η < 0.1	η = 0.1	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 54.7**
N194/N195	η = 17.4	η = 75.3	x: 0.05 m η = 11.1	x: 0.678 m η = 0.1	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 86.4	η < 0.1	η = 0.2	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 86.4**
N195/N196	η = 12.7	η = 55.3	x: 0.05 m η = 12.3	x: 1.306 m η = 0.1	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 67.5	η < 0.1	η = 0.4	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 67.5**
N196/N197	η = 8.3	η = 35.2	x: 0.049 m η = 9.5	x: 0.049 m η = 0.3	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 44.8	η < 0.1	η = 0.5	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 44.8**
N197/N198	η = 2.7	η = 10.9	x: 1.306 m η = 15.5	x: 0.049 m η = 0.3	x: 1.306 m η = 3.7	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.4	η < 0.1	η = 0.7	x: 1.306 m η = 2.3	η < 0.1	**CUMPLE η = 26.4**
N198/N199	η = 8.1	η = 2.4	x: 0.049 m η = 9.5	x: 0.049 m η = 0.4	x: 1.225 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 17.8	η < 0.1	η = 0.5	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 17.8**
N201/N427	x: 0.15 m η = 1.0	x: 0 m η = 8.1	x: 0 m η = 4.2	x: 0 m η = 6.3	η = 8.6	η = 0.4	η < 0.1	η < 0.1	x: 0 m η = 12.3	η < 0.1	η = 0.1	η = 6.3	η = 0.2	**CUMPLE η = 12.3**
N427/N419	x: 2.55 m η = 1.4	x: 0 m η = 8.8	x: 2.55 m η = 41.2	x: 0 m η = 5.8	η = 9.6	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 49.8	η < 0.1	η = 0.1	η = 6.3	η = 0.2	**CUMPLE η = 49.8**
N419/N200	x: 0.108 m η = 1.5	x: 0 m η = 7.7	x: 0.109 m η = 43.1	x: 0.109 m η = 3.0	η = 10.6	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 51.7	η < 0.1	η = 0.1	η = 6.3	η = 0.1	**CUMPLE η = 51.7**
N200/N199	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 28.6	x: 0.091 m η = 0.1	η = 8.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.8	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 28.8**
N202/N189	x: 1.51 m η = 32.8	x: 0.091 m η = 9.5	x: 1.51 m η = 0.4	x: 0.091 m η = 1.1	η = 0.1	η = 0.2	η < 0.1	η < 0.1	x: 1.51 m η = 34.2	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 34.2**
N178/N203	x: 1.304 m η = 0.8	x: 0.131 m η = 2.7	x: 0.131 m η = 75.7	x: 0.131 m η = 1.4	x: 0.131 m η = 12.8	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 79.8	η < 0.1	η = 1.1	x: 0.131 m η = 7.6	η = 0.1	**CUMPLE η = 79.8**
N203/N204	x: 1.303 m η = 20.2	x: 0.05 m η = 4.8	x: 0.05 m η = 23.1	x: 1.305 m η = 2.4	x: 1.305 m η = 2.3	η = 0.4	η < 0.1	η < 0.1	x: 0.05 m η = 43.5	η < 0.1	η = 2.2	x: 1.305 m η = 1.5	η = 0.3	**CUMPLE η = 43.5**
N204/N205	x: 1.303 m η = 40.6	x: 0.051 m η = 9.1	x: 1.305 m η = 6.9	x: 0.051 m η = 1.6	x: 0.051 m η = 1.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 47.6	η < 0.1	η < 0.1	x: 1.305 m η = 0.4	η = 0.1	**CUMPLE η = 47.6**
N205/N206	x: 1.303 m η = 61.2	x: 0.051 m η = 13.9	x: 1.305 m η = 14.9	x: 1.305 m η = 1.7	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 77.7	η < 0.1	η = 0.3	x: 0.051 m η = 1.4	η = 0.1	**CUMPLE η = 77.7**
N206/N207	x: 1.302 m η = 77.8	x: 0.051 m η = 17.4	x: 1.095 m η = 7.8	x: 0.051 m η = 2.3	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.26 m η = 86.8	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 86.8**
N207/N208	x: 1.302 m η = 48.7	x: 0.052 m η = 11.0	x: 1.304 m η = 8.7	x: 1.304 m η = 1.4	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 58.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 58.8**
N208/N209	x: 1.301 m η = 55.0	x: 0.052 m η = 12.2	x: 0.054 m η = 5.4	x: 0.052 m η = 0.4	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 60.9	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 60.9**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N209/N210	x: 1.301 m η = 61.0	x: 0.053 m η = 13.6	x: 1.303 m η = 9.6	x: 1.303 m η = 0.5	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.1	η < 0.1	η < 0.1	x: 1.303 m η = 0.5	η = 0.1	**CUMPLE η = 71.1**
N210/N211	x: 1.3 m η = 64.7	x: 0.053 m η = 14.3	x: 0.053 m η = 7.4	x: 0.053 m η = 1.0	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.0	η < 0.1	η = 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.0**
N211/N202	x: 1.313 m η = 67.4	x: 0.054 m η = 15.0	x: 1.315 m η = 13.6	x: 1.315 m η = 1.4	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 82.5	η < 0.1	η < 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 82.5**
N200/N220	x: 1.304 m η = 0.4	x: 0.131 m η = 0.1	x: 0.131 m η = 60.5	x: 0.131 m η = 2.0	x: 0.131 m η = 10.3	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 61.3	η < 0.1	η = 0.7	x: 0.131 m η = 6.3	η = 0.2	**CUMPLE η = 61.3**
N220/N219	x: 1.303 m η = 24.8	x: 0.05 m η = 5.8	x: 0.05 m η = 17.2	x: 1.305 m η = 3.4	x: 1.305 m η = 1.3	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 42.0	η < 0.1	η = 1.4	x: 1.305 m η = 1.0	η = 0.3	**CUMPLE η = 42.0**
N219/N218	x: 1.303 m η = 44.7	x: 0.051 m η = 10.0	x: 1.305 m η = 6.9	x: 0.051 m η = 1.9	x: 0.051 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 51.6	η < 0.1	η = 0.1	x: 0.051 m η = 0.9	η = 0.1	**CUMPLE η = 51.6**
N218/N217	x: 1.303 m η = 64.8	x: 0.051 m η = 14.7	x: 1.305 m η = 15.1	x: 1.305 m η = 2.2	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 80.4	η < 0.1	η = 0.1	x: 0.051 m η = 1.4	η = 0.2	**CUMPLE η = 80.4**
N217/N216	x: 1.302 m η = 80.9	x: 0.051 m η = 18.1	x: 1.095 m η = 8.0	x: 0.051 m η = 2.2	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.469 m η = 89.3	η < 0.1	η < 0.1	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 89.3**
N216/N215	x: 1.302 m η = 50.0	x: 0.052 m η = 11.3	x: 1.304 m η = 8.7	x: 1.304 m η = 1.3	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.5	η < 0.1	η < 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.5**
N215/N214	x: 1.301 m η = 56.0	x: 0.052 m η = 12.5	x: 0.052 m η = 5.6	x: 0.052 m η = 0.7	x: 1.303 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 61.8	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 61.8**
N214/N213	x: 1.301 m η = 61.7	x: 0.053 m η = 13.8	x: 1.303 m η = 9.6	x: 1.303 m η = 0.8	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.4	η < 0.1	η < 0.1	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 71.4**
N213/N212	x: 1.3 m η = 65.0	x: 0.053 m η = 14.4	x: 0.053 m η = 7.5	x: 0.053 m η = 0.9	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.0	η < 0.1	η < 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.0**
N212/N202	x: 1.313 m η = 67.4	x: 0.054 m η = 15.0	x: 1.315 m η = 13.6	x: 1.315 m η = 1.3	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 81.8	η < 0.1	η < 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 81.8**
N210/N187	x: 1.59 m η = 37.3	x: 0.091 m η = 10.1	x: 1.59 m η = 13.3	x: 0.091 m η = 0.4	η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 51.0	η < 0.1	η = 0.2	η = 0.4	η < 0.1	**CUMPLE η = 51.0**
N211/N188	x: 1.55 m η = 20.1	x: 0.091 m η = 4.8	x: 0.091 m η = 10.9	x: 1.55 m η = 0.2	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 31.1	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 31.1**
N209/N186	x: 1.63 m η = 38.8	x: 0.091 m η = 9.1	x: 1.63 m η = 17.1	x: 0.476 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 56.0	η < 0.1	η < 0.1	η = 0.5	η < 0.1	**CUMPLE η = 56.0**
N208/N185	x: 1.67 m η = 55.1	x: 0.091 m η = 14.2	x: 1.67 m η = 20.6	x: 0.091 m η = 0.5	η = 2.7	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 75.9	η < 0.1	η = 0.3	η = 1.6	η < 0.1	**CUMPLE η = 75.9**
N207/N184	x: 1.71 m η = 56.3	x: 0.091 m η = 13.1	x: 1.71 m η = 23.8	x: 1.71 m η = 0.5	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.1	η < 0.1	η = 0.2	η = 1.8	η < 0.1	**CUMPLE η = 80.1**
N203/N180	x: 1.869 m η = 41.9	x: 0.091 m η = 9.7	x: 0.091 m η = 28.2	x: 0.091 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.1	η < 0.1	η = 0.6	η = 1.8	η < 0.1	**CUMPLE η = 70.1**
N204/N181	x: 1.829 m η = 60.9	x: 0.091 m η = 14.9	x: 1.83 m η = 20.8	x: 0.091 m η = 1.4	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 81.8	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 81.8**
N205/N182	x: 1.789 m η = 47.2	x: 0.091 m η = 10.9	x: 1.79 m η = 19.7	x: 1.789 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.0	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 67.0**
N206/N183	x: 1.75 m η = 72.4	x: 0.091 m η = 18.1	x: 1.75 m η = 26.8	x: 0.091 m η = 0.6	η = 3.4	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 99.5	η < 0.1	η = 0.3	η = 2.0	η < 0.1	**CUMPLE η = 99.5**
N213/N191	x: 1.59 m η = 35.4	x: 0.091 m η = 9.7	x: 1.59 m η = 12.4	x: 0.091 m η = 0.5	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 48.2	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 48.2**
N212/N190	x: 1.55 m η = 18.2	x: 0.091 m η = 4.4	x: 0.091 m η = 10.1	x: 1.55 m η = 0.2	η = 1.4	η < 0.1	η < 0.1	x: 0.091 m η < 0.1	x: 1.55 m η = 28.3	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 28.3**
N214/N192	x: 1.63 m η = 36.9	x: 0.091 m η = 8.8	x: 1.63 m η = 16.3	x: 1.629 m η = 0.1	η = 2.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 53.3	η < 0.1	η = 0.1	η = 0.5	η < 0.1	**CUMPLE η = 53.3**
N215/N193	x: 1.67 m η = 53.2	x: 0.091 m η = 13.8	x: 1.67 m η = 19.8	x: 1.67 m η = 0.4	η = 2.6	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 73.3	η < 0.1	η = 0.3	η = 1.5	η < 0.1	**CUMPLE η = 73.3**
N216/N194	x: 1.71 m η = 54.5	x: 0.091 m η = 12.7	x: 1.71 m η = 23.1	x: 1.71 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 77.7	η < 0.1	η = 0.3	η = 1.7	η < 0.1	**CUMPLE η = 77.7**
N219/N197	x: 1.829 m η = 59.2	x: 0.091 m η = 14.6	x: 1.83 m η = 20.5	x: 0.091 m η = 0.7	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 79.7	η < 0.1	η = 0.1	η = 0.6	η < 0.1	**CUMPLE η = 79.7**
N218/N196	x: 1.789 m η = 46.2	x: 0.091 m η = 10.7	x: 1.79 m η = 19.2	x: 1.79 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 65.4	η < 0.1	η = 0.2	η = 1.4	η < 0.1	**CUMPLE η = 65.4**
N217/N195	x: 1.75 m η = 70.6	x: 0.091 m η = 17.7	x: 1.75 m η = 26.1	x: 0.091 m η = 0.3	η = 3.3	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 96.8	η < 0.1	η = 0.2	η = 1.9	η < 0.1	**CUMPLE η = 96.8**
N220/N198	x: 1.869 m η = 44.1	x: 0.091 m η = 10.3	x: 0.091 m η = 26.6	x: 0.091 m η = 0.3	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.7	η < 0.1	η = 0.5	η = 1.7	η < 0.1	**CUMPLE η = 70.7**
N211/N189	x: 2.01 m η = 5.6	x: 0.12 m η = 21.2	x: 0.12 m η = 6.3	x: 0.12 m η = 0.8	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.3	η < 0.1	η = 0.4	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 28.3**
N210/N188	x: 2.042 m η = 6.0	x: 0.119 m η = 28.7	x: 0.119 m η = 9.0	x: 0.119 m η = 0.7	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 38.5	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 38.5**
N209/N187	x: 2.075 m η = 11.7	x: 0.118 m η = 47.4	x: 0.118 m η = 10.4	x: 0.314 m η = 0.2	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 57.8	η < 0.1	η = 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 57.8**
N208/N186	x: 2.107 m η = 11.0	x: 0.117 m η = 50.6	x: 0.117 m η = 12.7	x: 0.117 m η = 0.3	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 63.6	η < 0.1	η = 0.2	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 63.6**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N207/N185	x: 2.14 m η = 16.6	x: 0.116 m η = 69.1	x: 0.116 m η = 14.0	x: 0.116 m η = 0.6	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 83.6	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 83.6**
N206/N184	x: 2.173 m η = 15.8	x: 0.115 m η = 71.5	x: 0.115 m η = 16.2	x: 0.115 m η = 0.7	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 88.3	η < 0.1	η = 0.2	x: 0.115 m η = 0.6	η < 0.1	**CUMPLE η = 88.3**
N205/N183	x: 2.206 m η = 13.9	x: 0.114 m η = 58.4	x: 0.114 m η = 11.6	x: 0.114 m η = 0.2	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 70.2	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 70.2**
N204/N182	x: 2.239 m η = 13.0	x: 0.113 m η = 58.8	x: 2.239 m η = 11.9	x: 0.113 m η = 0.6	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 70.5	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 70.5**
N203/N181	x: 2.273 m η = 17.1	x: 0.112 m η = 72.9	x: 0.112 m η = 20.1	x: 0.112 m η = 0.6	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 93.0	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 93.0**
N178/N180	x: 2.307 m η = 12.2	x: 0.232 m η = 55.5	x: 0.232 m η = 17.4	x: 0.232 m η = 1.0	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 73.9	η < 0.1	η = 0.3	x: 0.232 m η = 0.8	η < 0.1	**CUMPLE η = 73.9**
N212/N189	x: 2.01 m η = 5.1	x: 0.12 m η = 18.5	x: 0.12 m η = 5.9	x: 0.12 m η = 0.6	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 25.0	η < 0.1	η = 0.3	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 25.0**
N213/N190	x: 2.042 m η = 5.5	x: 0.119 m η = 26.2	x: 0.119 m η = 8.6	x: 0.119 m η = 0.7	x: 2.042 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 35.2	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 35.2**
N214/N191	x: 2.075 m η = 11.2	x: 0.118 m η = 44.9	x: 0.118 m η = 10.0	x: 0.118 m η = 0.2	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 55.0	η < 0.1	η = 0.2	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 55.0**
N215/N192	x: 2.107 m η = 10.5	x: 0.117 m η = 48.2	x: 0.117 m η = 12.3	x: 0.117 m η = 0.5	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 60.6	η < 0.1	η = 0.1	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 60.6**
N216/N193	x: 2.14 m η = 16.2	x: 0.116 m η = 66.8	x: 0.116 m η = 13.6	x: 0.116 m η = 0.4	x: 2.14 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 80.7	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 80.7**
N217/N194	x: 2.173 m η = 15.3	x: 0.115 m η = 69.2	x: 0.115 m η = 15.8	x: 0.115 m η = 0.9	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 85.5	η < 0.1	η = 0.1	x: 0.115 m η = 0.6	η < 0.1	**CUMPLE η = 85.5**
N218/N195	x: 2.206 m η = 13.6	x: 0.114 m η = 57.0	x: 0.114 m η = 11.3	x: 0.114 m η = 0.2	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 68.3	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 68.3**
N219/N196	x: 2.239 m η = 12.8	x: 0.113 m η = 57.5	x: 2.239 m η = 11.7	x: 0.113 m η = 0.6	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 69.2	η < 0.1	η = 0.1	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 69.2**
N220/N197	x: 2.273 m η = 16.8	x: 0.112 m η = 71.0	x: 0.112 m η = 18.5	x: 0.112 m η = 0.6	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 89.8	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 89.8**
N200/N198	x: 2.307 m η = 12.6	x: 0.232 m η = 56.6	x: 0.232 m η = 11.0	x: 2.307 m η = 0.4	x: 0.232 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 67.7	η < 0.1	η = 0.1	x: 0.232 m η = 0.5	η < 0.1	**CUMPLE η = 67.7**
N221/N222	x: 6.108 m η = 1.5	x: 0 m η = 22.0	x: 6.109 m η = 63.3	x: 0 m η = 7.0	η = 10.9	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 80.9	η < 0.1	η < 0.1	η = 2.6	η = 0.2	**CUMPLE η = 80.9**
N222/N223	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 44.0	x: 0.091 m η = 0.2	η = 13.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 44.1	η < 0.1	η = 0.2	η = 8.0	η < 0.1	**CUMPLE η = 44.1**
N223/N224	η = 13.0	η = 3.1	x: 1.306 m η = 13.4	x: 1.306 m η = 0.4	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.5	η < 0.1	η = 1.0	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.5**
N224/N225	η = 1.4	η = 5.7	x: 0.049 m η = 18.6	x: 1.306 m η = 0.6	x: 0.049 m η = 4.1	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 24.4	η < 0.1	η = 1.0	x: 0.049 m η = 2.5	η < 0.1	**CUMPLE η = 24.4**
N225/N226	η = 7.2	η = 30.9	x: 1.306 m η = 9.4	x: 1.306 m η = 0.5	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 40.6	η < 0.1	η = 0.9	x: 0.049 m η = 0.9	η < 0.1	**CUMPLE η = 40.6**
N226/N227	η = 11.7	η = 51.5	x: 1.305 m η = 12.1	x: 1.305 m η = 0.3	x: 0.049 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 63.9	η < 0.1	η = 0.8	x: 0.049 m η = 1.1	η < 0.1	**CUMPLE η = 63.9**
N227/N228	η = 16.5	η = 72.1	x: 1.305 m η = 11.0	x: 0.05 m η = 0.2	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 83.3	η < 0.1	η = 0.5	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 83.3**
N228/N229	η = 10.4	η = 46.0	x: 1.304 m η = 7.2	x: 1.302 m η = 0.1	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 53.4	η < 0.1	η = 0.2	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 53.4**
N229/N230	η = 12.4	η = 54.5	x: 1.304 m η = 6.4	x: 0.051 m η = 0.1	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 60.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 60.9**
N230/N231	η = 13.8	η = 60.9	x: 1.304 m η = 7.8	x: 1.304 m η = 0.2	x: 0.051 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 68.8	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 68.8**
N231/N232	η = 15.3	η = 66.9	x: 1.094 m η = 6.3	x: 1.303 m η = 0.2	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.094 m η = 73.3	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 73.3**
N232/N233	η = 16.1	η = 70.6	x: 1.303 m η = 11.3	x: 1.303 m η = 0.5	x: 0.052 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 82.4	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 82.4**
N233/N234	η = 16.2	η = 70.9	x: 0.052 m η = 11.2	x: 0.052 m η = 0.5	x: 1.303 m η = 0.9	η < 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 82.6	η < 0.1	η = 0.1	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 82.6**
N234/N235	η = 15.5	η = 67.6	x: 0.469 m η = 6.3	x: 0.052 m η = 0.2	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 74.0	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 74.0**
N235/N236	η = 14.2	η = 61.9	x: 0.051 m η = 7.8	x: 0.051 m η = 0.1	x: 1.304 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 69.8	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 69.8**
N236/N237	η = 12.9	η = 55.9	x: 0.051 m η = 6.4	x: 1.302 m η = 0.1	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 62.3	η < 0.1	η < 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 62.3**
N237/N238	η = 11.0	η = 47.7	x: 0.051 m η = 7.2	x: 1.303 m η = 0.1	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 55.0	η < 0.1	η = 0.1	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 55.0**
N238/N239	η = 17.6	η = 75.8	x: 0.05 m η = 11.1	x: 1.305 m η = 0.3	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 87.0	η < 0.1	η = 0.3	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 87.0**
N239/N240	η = 12.9	η = 55.7	x: 0.05 m η = 12.3	x: 0.05 m η = 0.3	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 68.1	η < 0.1	η = 0.5	x: 1.306 m η = 1.1	η < 0.1	**CUMPLE η = 68.1**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N240/N241	η = 8.5	η = 35.6	x: 0.049 m η = 9.6	x: 0.049 m η = 0.3	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 45.2	η < 0.1	η = 0.6	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 45.2**
N241/N242	η = 2.8	η = 11.1	x: 1.306 m η = 15.5	x: 0.049 m η = 0.3	x: 1.306 m η = 3.7	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.6	η < 0.1	η = 0.7	x: 1.306 m η = 2.3	η < 0.1	**CUMPLE η = 26.6**
N242/N243	η = 8.1	η = 2.5	x: 0.049 m η = 9.5	x: 0.049 m η = 0.4	x: 1.225 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 17.7	η < 0.1	η = 0.6	x: 0.049 m η = 0.5	η < 0.1	**CUMPLE η = 17.7**
N245/N428	x: 0.15 m η = 0.9	x: 0 m η = 8.3	x: 0 m η = 5.1	x: 0 m η = 6.0	η = 7.9	η = 0.4	η < 0.1	η < 0.1	x: 0.15 m η = 12.4	η < 0.1	η = 0.1	η = 6.3	η < 0.1	**CUMPLE η = 12.4**
N428/N420	x: 2.55 m η = 1.3	x: 0 m η = 8.9	x: 2.55 m η = 40.9	x: 0 m η = 5.5	η = 9.4	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 49.3	η < 0.1	η = 0.1	η = 6.3	η < 0.1	**CUMPLE η = 49.3**
N420/N244	x: 0.108 m η = 1.5	x: 0 m η = 7.7	x: 0.109 m η = 42.9	x: 0.109 m η = 2.9	η = 10.8	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 51.2	η < 0.1	η = 0.1	η = 6.3	η = 0.1	**CUMPLE η = 51.2**
N244/N243	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 0.2	x: 0.091 m η = 28.4	x: 0.091 m η = 0.2	η = 8.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 28.6	η < 0.1	η = 0.1	η = 5.4	η < 0.1	**CUMPLE η = 28.6**
N246/N233	x: 1.51 m η = 33.1	x: 0.091 m η = 9.6	x: 1.51 m η = 0.4	x: 1.51 m η = 0.9	η = 0.1	η = 0.1	η < 0.1	η < 0.1	x: 1.51 m η = 34.4	η < 0.1	η = 0.2	η < 0.1	η < 0.1	**CUMPLE η = 34.4**
N222/N247	x: 1.304 m η = 0.9	x: 0.131 m η = 2.7	x: 0.131 m η = 76.2	x: 0.131 m η = 1.9	x: 0.131 m η = 12.9	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 80.8	η < 0.1	η = 1.2	x: 0.131 m η = 7.6	η = 0.2	**CUMPLE η = 80.8**
N247/N248	x: 1.303 m η = 20.3	x: 0.05 m η = 4.9	x: 0.05 m η = 23.3	x: 1.305 m η = 2.9	x: 1.305 m η = 2.3	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 43.9	η < 0.1	η = 2.3	x: 1.305 m η = 1.5	η = 0.3	**CUMPLE η = 43.9**
N248/N249	x: 1.303 m η = 40.7	x: 0.051 m η = 9.2	x: 1.305 m η = 7.0	x: 0.051 m η = 2.0	x: 0.051 m η = 1.5	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 47.7	η < 0.1	η = 0.1	x: 0.051 m η = 1.0	η = 0.2	**CUMPLE η = 47.7**
N249/N250	x: 1.303 m η = 61.4	x: 0.051 m η = 14.1	x: 1.305 m η = 14.9	x: 1.305 m η = 2.3	x: 0.051 m η = 2.4	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 78.7	η < 0.1	η = 0.3	x: 0.051 m η = 1.4	η = 0.2	**CUMPLE η = 78.7**
N250/N251	x: 1.302 m η = 78.2	x: 0.051 m η = 17.5	x: 1.095 m η = 7.9	x: 0.051 m η = 2.2	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.26 m η = 87.1	η < 0.1	η = 0.3	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 87.1**
N251/N252	x: 1.302 m η = 49.0	x: 0.052 m η = 11.1	x: 1.304 m η = 8.7	x: 1.304 m η = 1.3	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.0	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.0**
N252/N253	x: 1.301 m η = 55.3	x: 0.052 m η = 12.3	x: 0.053 m η = 5.5	x: 0.052 m η = 0.7	x: 0.052 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 61.5	η < 0.1	η < 0.1	x: 1.303 m η = 0.1	η < 0.1	**CUMPLE η = 61.5**
N253/N254	x: 1.301 m η = 61.3	x: 0.053 m η = 13.8	x: 1.303 m η = 9.6	x: 1.303 m η = 0.8	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.7	η < 0.1	η < 0.1	x: 1.303 m η = 0.5	η = 0.1	**CUMPLE η = 71.7**
N254/N255	x: 1.3 m η = 65.0	x: 0.053 m η = 14.4	x: 0.053 m η = 7.4	x: 0.053 m η = 1.0	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.4	η < 0.1	η = 0.2	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.4**
N255/N246	x: 1.313 m η = 67.8	x: 0.054 m η = 15.1	x: 1.315 m η = 13.7	x: 1.315 m η = 1.5	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 83.1	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 83.1**
N244/N264	x: 1.304 m η = 0.4	x: 0.131 m η = 0.1	x: 0.131 m η = 60.4	x: 0.131 m η = 2.0	x: 0.131 m η = 10.3	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 61.4	η < 0.1	η = 0.8	x: 0.131 m η = 6.3	η = 0.2	**CUMPLE η = 61.4**
N264/N263	x: 1.303 m η = 24.9	x: 0.05 m η = 5.9	x: 0.05 m η = 17.1	x: 1.305 m η = 3.5	x: 1.305 m η = 1.3	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 42.2	η < 0.1	η = 1.5	x: 1.305 m η = 1.0	η = 0.4	**CUMPLE η = 42.2**
N263/N262	x: 1.303 m η = 44.9	x: 0.051 m η = 10.1	x: 1.305 m η = 6.9	x: 0.051 m η = 2.2	x: 0.051 m η = 1.3	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 51.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 51.9**
N262/N261	x: 1.303 m η = 65.1	x: 0.051 m η = 14.8	x: 1.305 m η = 15.1	x: 1.305 m η = 2.6	x: 0.051 m η = 2.4	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 81.4	η < 0.1	η = 0.1	x: 0.051 m η = 1.4	η = 0.3	**CUMPLE η = 81.4**
N261/N260	x: 1.302 m η = 81.4	x: 0.051 m η = 18.2	x: 1.095 m η = 8.0	x: 0.051 m η = 2.1	x: 0.051 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.677 m η = 89.7	η < 0.1	η = 0.3	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 89.7**
N260/N259	x: 1.302 m η = 50.3	x: 0.052 m η = 11.4	x: 1.304 m η = 8.8	x: 1.304 m η = 1.2	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.8	η < 0.1	η = 0.1	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.8**
N259/N258	x: 1.301 m η = 56.3	x: 0.052 m η = 12.6	x: 0.052 m η = 5.6	x: 0.052 m η = 0.9	x: 1.303 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 62.0	η < 0.1	η = 0.1	x: 1.303 m η = 0.2	η = 0.1	**CUMPLE η = 62.0**
N258/N257	x: 1.301 m η = 62.0	x: 0.053 m η = 13.9	x: 1.303 m η = 9.6	x: 1.303 m η = 1.0	x: 0.053 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 71.8	η < 0.1	η < 0.1	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 71.8**
N257/N256	x: 1.3 m η = 65.4	x: 0.053 m η = 14.5	x: 0.053 m η = 7.6	x: 0.053 m η = 0.9	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 73.4	η < 0.1	η = 0.1	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 73.4**
N256/N246	x: 1.313 m η = 67.8	x: 0.054 m η = 15.1	x: 1.315 m η = 13.7	x: 1.315 m η = 1.3	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 82.5	η < 0.1	η = 0.1	x: 0.054 m η = 0.9	η = 0.1	**CUMPLE η = 82.5**
N254/N231	x: 1.59 m η = 37.6	x: 0.091 m η = 10.2	x: 1.59 m η = 13.4	x: 0.091 m η = 0.2	η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 51.1	η < 0.1	η = 0.2	η = 0.4	η < 0.1	**CUMPLE η = 51.1**
N255/N232	x: 1.55 m η = 20.3	x: 0.091 m η = 4.9	x: 0.091 m η = 11.0	x: 1.55 m η = 0.2	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 31.5	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 31.5**
N253/N230	x: 1.63 m η = 39.1	x: 0.091 m η = 9.2	x: 1.63 m η = 17.2	x: 0.091 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 56.3	η < 0.1	η = 0.1	η = 0.5	η < 0.1	**CUMPLE η = 56.3**
N252/N229	x: 1.67 m η = 55.4	x: 0.091 m η = 14.3	x: 1.67 m η = 20.7	x: 0.091 m η = 0.4	η = 2.7	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 76.1	η < 0.1	η = 0.2	η = 1.6	η < 0.1	**CUMPLE η = 76.1**
N251/N228	x: 1.71 m η = 56.7	x: 0.091 m η = 13.3	x: 1.71 m η = 24.0	x: 1.71 m η = 0.4	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.7	η < 0.1	η = 0.2	η = 1.8	η < 0.1	**CUMPLE η = 80.7**
N247/N224	x: 1.869 m η = 42.2	x: 0.091 m η = 9.8	x: 0.091 m η = 28.4	x: 0.091 m η = 0.5	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 70.5	η < 0.1	η = 0.6	η = 1.8	η < 0.1	**CUMPLE η = 70.5**
N248/N225	x: 1.829 m η = 61.3	x: 0.091 m η = 15.0	x: 1.83 m η = 20.9	x: 0.091 m η = 1.4	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 82.3	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 82.3**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N249/N226	x: 1.789 m η = 47.4	x: 0.091 m η = 11.0	x: 1.79 m η = 19.8	x: 1.789 m η = 0.5	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.3	η < 0.1	η = 0.3	η = 1.4	η < 0.1	**CUMPLE η = 67.3**
N250/N227	x: 1.75 m η = 72.8	x: 0.091 m η = 18.2	x: 1.75 m η = 27.0	x: 1.75 m η = 0.7	η = 3.4	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 99.8	η < 0.1	η = 0.3	η = 2.0	η < 0.1	**CUMPLE η = 99.8**
N257/N235	x: 1.59 m η = 35.5	x: 0.091 m η = 9.8	x: 1.59 m η = 12.5	x: 0.091 m η = 0.3	η = 1.7	η < 0.1	η < 0.1	η < 0.1	x: 1.59 m η = 48.2	η < 0.1	η = 0.2	η = 1.0	η < 0.1	**CUMPLE η = 48.2**
N256/N234	x: 1.55 m η = 18.3	x: 0.091 m η = 4.5	x: 0.091 m η = 10.1	x: 1.55 m η = 0.2	η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 28.5	η < 0.1	η = 0.3	η = 0.9	η < 0.1	**CUMPLE η = 28.5**
N258/N236	x: 1.63 m η = 37.1	x: 0.091 m η = 8.8	x: 1.63 m η = 16.4	x: 0.091 m η = 0.2	η = 2.2	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 53.5	η < 0.1	η = 0.2	η = 1.3	η < 0.1	**CUMPLE η = 53.5**
N259/N237	x: 1.67 m η = 53.5	x: 0.091 m η = 14.0	x: 1.67 m η = 19.9	x: 0.091 m η = 0.2	η = 2.6	η < 0.1	η < 0.1	η < 0.1	x: 1.67 m η = 73.5	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 73.5**
N260/N238	x: 1.71 m η = 54.8	x: 0.091 m η = 12.9	x: 1.71 m η = 23.2	x: 1.71 m η = 0.4	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 78.1	η < 0.1	η = 0.3	η = 1.8	η < 0.1	**CUMPLE η = 78.1**
N263/N241	x: 1.829 m η = 59.5	x: 0.091 m η = 14.7	x: 1.83 m η = 20.6	x: 0.091 m η = 0.9	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 80.1	η < 0.1	η = 0.1	η = 1.4	η < 0.1	**CUMPLE η = 80.1**
N262/N240	x: 1.789 m η = 46.4	x: 0.091 m η = 10.8	x: 1.79 m η = 19.3	x: 1.79 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 65.8	η < 0.1	η = 0.3	η = 1.4	η < 0.1	**CUMPLE η = 65.8**
N261/N239	x: 1.75 m η = 70.9	x: 0.091 m η = 17.9	x: 1.75 m η = 26.3	x: 1.75 m η = 0.5	η = 3.3	η < 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 97.4	η < 0.1	η = 0.2	η = 1.9	η < 0.1	**CUMPLE η = 97.4**
N264/N242	x: 1.869 m η = 44.5	x: 0.091 m η = 10.5	x: 0.091 m η = 26.7	x: 0.091 m η = 0.3	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 71.1	η < 0.1	η = 0.5	η = 1.7	η < 0.1	**CUMPLE η = 71.1**
N255/N233	x: 2.01 m η = 5.7	x: 0.12 m η = 21.4	x: 0.12 m η = 6.4	x: 0.12 m η = 0.9	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 28.7	η < 0.1	η = 0.4	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 28.7**
N254/N232	x: 2.042 m η = 6.1	x: 0.119 m η = 29.0	x: 0.119 m η = 9.1	x: 2.042 m η = 0.6	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 38.7	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 38.7**
N253/N231	x: 2.075 m η = 11.8	x: 0.118 m η = 47.7	x: 0.118 m η = 10.4	x: 0.118 m η = 0.2	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 58.2	η < 0.1	η = 0.1	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 58.2**
N252/N230	x: 2.107 m η = 11.1	x: 0.117 m η = 50.9	x: 0.117 m η = 12.8	x: 0.117 m η = 0.6	x: 2.107 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 64.4	η < 0.1	η = 0.2	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 64.4**
N251/N229	x: 2.14 m η = 16.8	x: 0.116 m η = 69.6	x: 0.116 m η = 14.1	x: 0.116 m η = 0.6	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 84.2	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 84.2**
N250/N228	x: 2.173 m η = 16.0	x: 0.115 m η = 72.0	x: 0.115 m η = 16.3	x: 0.115 m η = 0.4	x: 2.173 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 88.6	η < 0.1	η = 0.3	x: 0.115 m η = 0.6	η < 0.1	**CUMPLE η = 88.6**
N249/N227	x: 2.206 m η = 14.0	x: 0.114 m η = 58.8	x: 0.114 m η = 11.7	x: 0.114 m η = 0.3	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 70.7	η < 0.1	η = 0.3	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 70.7**
N248/N226	x: 2.239 m η = 13.1	x: 0.113 m η = 59.1	x: 2.239 m η = 11.9	x: 0.113 m η = 0.6	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 71.0	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 71.0**
N247/N225	x: 2.273 m η = 17.2	x: 0.112 m η = 73.3	x: 0.112 m η = 20.2	x: 0.112 m η = 0.6	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 93.7	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 93.7**
N222/N224	x: 2.307 m η = 12.3	x: 0.232 m η = 55.9	x: 0.232 m η = 17.5	x: 0.232 m η = 1.1	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 74.4	η < 0.1	η = 0.3	x: 0.232 m η = 0.8	η < 0.1	**CUMPLE η = 74.4**
N256/N233	x: 2.01 m η = 5.2	x: 0.12 m η = 18.6	x: 0.12 m η = 6.0	x: 0.12 m η = 0.6	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 25.2	η < 0.1	η = 0.4	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 25.2**
N257/N234	x: 2.042 m η = 5.6	x: 0.119 m η = 26.4	x: 0.119 m η = 8.6	x: 0.119 m η = 0.6	x: 2.042 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 35.2	η < 0.1	η = 0.1	x: 0.119 m η = 0.4	η < 0.1	**CUMPLE η = 35.2**
N258/N235	x: 2.075 m η = 11.3	x: 0.118 m η = 45.1	x: 0.118 m η = 10.0	x: 0.118 m η = 0.3	x: 2.075 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 55.2	η < 0.1	η = 0.2	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 55.2**
N259/N236	x: 2.107 m η = 10.7	x: 0.117 m η = 48.4	x: 0.117 m η = 12.4	x: 0.117 m η = 0.8	x: 2.107 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 61.1	η < 0.1	η = 0.1	x: 0.117 m η = 0.5	η < 0.1	**CUMPLE η = 61.1**
N260/N237	x: 2.14 m η = 16.4	x: 0.116 m η = 67.2	x: 0.116 m η = 13.7	x: 0.116 m η = 0.4	x: 2.14 m η = 1.5	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 81.1	η < 0.1	η = 0.2	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 81.1**
N261/N238	x: 2.173 m η = 15.5	x: 0.115 m η = 69.6	x: 0.115 m η = 15.9	x: 0.115 m η = 0.7	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 85.7	η < 0.1	η = 0.1	x: 2.173 m η = 1.1	η < 0.1	**CUMPLE η = 85.7**
N262/N239	x: 2.206 m η = 13.7	x: 0.114 m η = 57.2	x: 0.114 m η = 11.4	x: 0.114 m η = 0.3	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 68.7	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 68.7**
N263/N240	x: 2.239 m η = 12.9	x: 0.113 m η = 57.8	x: 2.239 m η = 11.7	x: 0.113 m η = 0.7	x: 2.239 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 69.7	η < 0.1	η = 0.1	x: 2.239 m η = 0.8	η < 0.1	**CUMPLE η = 69.7**
N264/N241	x: 2.273 m η = 16.9	x: 0.112 m η = 71.4	x: 0.112 m η = 18.6	x: 0.112 m η = 0.6	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 90.2	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 90.2**
N244/N242	x: 2.307 m η = 12.7	x: 0.232 m η = 56.9	x: 0.232 m η = 10.9	x: 0.232 m η = 0.5	x: 0.232 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 68.0	η < 0.1	η = 0.2	x: 0.232 m η = 0.5	η < 0.1	**CUMPLE η = 68.0**
N265/N266	x: 6.108 m η = 1.6	x: 0 m η = 22.3	x: 6.109 m η = 63.4	x: 0 m η = 6.9	η = 10.8	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 81.4	η < 0.1	η = 0.1	η = 6.3	η < 0.1	**CUMPLE η = 81.4**
N266/N267	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 44.1	x: 0.091 m η = 0.2	η = 13.8	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 44.2	η < 0.1	η = 0.3	η = 8.1	η < 0.1	**CUMPLE η = 44.2**
N267/N268	η = 13.0	η = 3.0	x: 1.306 m η = 13.4	x: 1.306 m η = 0.5	x: 1.306 m η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.9	η < 0.1	η = 1.0	x: 1.306 m η = 1.4	η < 0.1	**CUMPLE η = 26.9**
N268/N269	η = 1.5	η = 6.0	x: 0.049 m η = 18.8	x: 1.306 m η = 0.8	x: 0.049 m η = 4.1	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 25.1	η < 0.1	η = 0.9	x: 0.049 m η = 2.5	η < 0.1	**CUMPLE η = 25.1**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N269/N270	η = 7.3	η = 31.5	x: 1.306 m η = 9.6	x: 0.049 m η = 0.7	x: 0.049 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 41.7	η < 0.1	η = 0.9	x: 0.049 m η = 1.0	η < 0.1	**CUMPLE η = 41.7**
N270/N271	η = 11.9	η = 52.5	x: 1.305 m η = 12.4	x: 0.049 m η = 0.5	x: 0.049 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 65.0	η < 0.1	η = 0.7	x: 0.049 m η = 1.2	η < 0.1	**CUMPLE η = 65.0**
N271/N272	η = 16.8	η = 73.6	x: 1.305 m η = 11.2	x: 0.05 m η = 0.2	x: 0.05 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 85.1	η < 0.1	η = 0.6	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 85.1**
N272/N273	η = 10.6	η = 47.0	x: 1.304 m η = 7.3	x: 1.302 m η = 0.2	x: 0.05 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 54.5	η < 0.1	η = 0.1	x: 0.05 m η = 0.5	η < 0.1	**CUMPLE η = 54.5**
N273/N274	η = 12.6	η = 55.6	x: 1.304 m η = 6.5	x: 0.051 m η = 0.2	x: 0.051 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 62.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.3	η < 0.1	**CUMPLE η = 62.2**
N274/N275	η = 14.0	η = 62.1	x: 1.304 m η = 8.0	x: 0.051 m η = 0.1	x: 0.051 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 70.2	η < 0.1	η = 0.1	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 70.2**
N275/N276	η = 15.5	η = 68.3	x: 0.886 m η = 6.4	x: 1.303 m η = 0.3	x: 0.051 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 1.301 m η = 74.9	η < 0.1	η = 0.1	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 74.9**
N276/N277	η = 16.2	η = 72.0	x: 1.303 m η = 11.4	x: 1.303 m η = 0.7	x: 0.052 m η = 1.0	η < 0.1	η < 0.1	η < 0.1	x: 1.303 m η = 84.1	η < 0.1	η = 0.1	x: 0.052 m η = 0.6	η < 0.1	**CUMPLE η = 84.1**
N277/N278	η = 16.3	η = 72.3	x: 0.052 m η = 11.3	x: 0.052 m η = 0.8	x: 1.303 m η = 0.9	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 84.4	η < 0.1	η = 0.2	x: 1.303 m η = 0.6	η < 0.1	**CUMPLE η = 84.4**
N278/N279	η = 15.6	η = 68.8	x: 0.469 m η = 6.4	x: 0.052 m η = 0.2	x: 1.304 m η = 0.2	η < 0.1	η < 0.1	η < 0.1	x: 0.261 m η = 75.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 75.3**
N279/N280	η = 14.2	η = 63.0	x: 0.051 m η = 8.0	x: 0.051 m η = 0.1	x: 1.304 m η = 0.7	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 71.0	η < 0.1	η = 0.1	x: 1.304 m η = 0.4	η < 0.1	**CUMPLE η = 71.0**
N280/N281	η = 12.9	η = 56.7	x: 0.051 m η = 6.5	x: 1.304 m η = 0.2	x: 1.304 m η = 0.4	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 63.3	η < 0.1	η = 0.1	x: 1.304 m η = 0.3	η < 0.1	**CUMPLE η = 63.3**
N281/N282	η = 11.0	η = 48.3	x: 0.051 m η = 7.3	x: 0.051 m η = 0.2	x: 1.305 m η = 0.8	η < 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 55.9	η < 0.1	η = 0.2	x: 1.305 m η = 0.5	η < 0.1	**CUMPLE η = 55.9**
N282/N283	η = 17.6	η = 76.7	x: 0.05 m η = 11.3	x: 1.305 m η = 0.4	x: 1.305 m η = 1.1	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 88.1	η < 0.1	η = 0.2	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 88.1**
N283/N284	η = 12.8	η = 56.1	x: 0.05 m η = 12.6	x: 1.306 m η = 0.6	x: 1.306 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 68.7	η < 0.1	η = 0.5	x: 1.306 m η = 1.2	η < 0.1	**CUMPLE η = 68.7**
N284/N285	η = 8.3	η = 35.4	x: 0.049 m η = 9.6	x: 1.304 m η = 0.6	x: 1.306 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 45.3	η < 0.1	η = 0.5	x: 1.306 m η = 0.9	η < 0.1	**CUMPLE η = 45.3**
N285/N286	η = 2.5	η = 10.5	x: 1.306 m η = 16.1	x: 0.049 m η = 0.7	x: 1.306 m η = 3.7	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 26.7	η < 0.1	η = 0.7	x: 1.306 m η = 2.3	η = 0.1	**CUMPLE η = 26.7**
N286/N287	η = 8.8	η = 2.6	x: 0.049 m η = 10.2	x: 0.049 m η = 0.4	x: 0.049 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 19.1	η < 0.1	η = 0.3	x: 0.049 m η = 0.6	η < 0.1	**CUMPLE η = 19.1**
N289/N429	x: 0.15 m η = 1.0	x: 0 m η = 8.3	x: 0 m η = 5.6	x: 0 m η = 5.7	η = 9.6	η = 0.3	η < 0.1	η < 0.1	x: 0 m η = 14.0	η < 0.1	η = 0.1	η = 7.2	η = 0.2	**CUMPLE η = 14.0**
N429/N421	x: 2.55 m η = 1.4	x: 0 m η = 9.0	x: 2.55 m η = 43.8	x: 0 m η = 5.3	η = 10.8	η = 0.3	η < 0.1	η < 0.1	x: 2.55 m η = 52.0	η < 0.1	η = 0.1	η = 7.2	η = 0.1	**CUMPLE η = 52.0**
N421/N288	x: 0.108 m η = 1.5	x: 0 m η = 7.8	x: 0.109 m η = 46.0	x: 0.109 m η = 2.7	η = 11.9	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 54.0	η < 0.1	η = 0.1	η = 7.2	η = 0.1	**CUMPLE η = 54.0**
N288/N287	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 30.9	x: 0.091 m η = 0.1	η = 9.4	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 31.0	η < 0.1	η = 0.3	η = 5.9	η < 0.1	**CUMPLE η = 31.0**
N290/N277	x: 1.51 m η = 33.5	x: 0.091 m η = 9.5	x: 1.51 m η = 0.3	x: 0.091 m η = 3.4	η < 0.1	η = 0.4	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 37.1	η < 0.1	η = 0.6	η < 0.1	η = 0.2	**CUMPLE η = 37.1**
N266/N291	x: 1.304 m η = 0.8	x: 0.131 m η = 2.7	x: 0.131 m η = 76.7	x: 0.131 m η = 1.1	x: 0.131 m η = 13.0	η = 0.2	η < 0.1	η < 0.1	x: 0.131 m η = 80.4	η < 0.1	η = 0.9	x: 0.131 m η = 7.7	η = 0.1	**CUMPLE η = 80.4**
N291/N292	x: 1.303 m η = 20.7	x: 0.05 m η = 5.0	x: 0.05 m η = 23.4	x: 1.305 m η = 1.5	x: 1.305 m η = 2.3	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 44.5	η < 0.1	η = 1.8	x: 1.305 m η = 1.5	η = 0.2	**CUMPLE η = 44.5**
N292/N293	x: 1.303 m η = 41.5	x: 0.051 m η = 9.4	x: 1.305 m η = 7.1	x: 0.051 m η = 1.6	x: 0.051 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 48.7	η < 0.1	η = 0.9	x: 0.051 m η = 1.1	η = 0.1	**CUMPLE η = 48.7**
N293/N294	x: 1.303 m η = 62.7	x: 0.051 m η = 14.3	x: 1.305 m η = 15.3	x: 1.305 m η = 1.4	x: 0.051 m η = 2.5	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 79.2	η < 0.1	η = 1.1	x: 0.051 m η = 1.5	η = 0.1	**CUMPLE η = 79.2**
N294/N295	x: 1.302 m η = 79.6	x: 0.051 m η = 17.7	x: 1.095 m η = 8.0	x: 0.051 m η = 2.8	x: 0.051 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.469 m η = 88.7	η < 0.1	η = 0.8	x: 0.051 m η = 0.4	η = 0.2	**CUMPLE η = 88.7**
N295/N296	x: 1.302 m η = 49.9	x: 0.052 m η = 11.2	x: 1.304 m η = 8.9	x: 1.304 m η = 1.3	x: 0.052 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 59.7	η < 0.1	η = 0.4	x: 0.052 m η = 0.7	η = 0.1	**CUMPLE η = 59.7**
N296/N297	x: 1.301 m η = 56.3	x: 0.052 m η = 12.4	x: 0.26 m η = 5.5	x: 0.052 m η = 1.2	x: 0.052 m η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 0.052 m η = 62.8	η < 0.1	η = 0.4	x: 1.303 m η = 0.1	η = 0.1	**CUMPLE η = 62.8**
N297/N298	x: 1.301 m η = 62.5	x: 0.053 m η = 13.9	x: 1.303 m η = 9.9	x: 1.303 m η = 1.2	x: 0.053 m η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 73.3	η < 0.1	η = 0.6	x: 0.053 m η = 0.7	η = 0.1	**CUMPLE η = 73.3**
N298/N299	x: 1.3 m η = 66.1	x: 0.053 m η = 14.5	x: 0.053 m η = 7.7	x: 0.053 m η = 1.4	x: 1.302 m η = 0.6	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 74.8	η < 0.1	η = 0.6	x: 1.302 m η = 0.4	η = 0.1	**CUMPLE η = 74.8**
N299/N290	x: 1.313 m η = 68.9	x: 0.054 m η = 15.2	x: 1.315 m η = 13.9	x: 1.315 m η = 1.0	x: 0.054 m η = 1.6	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 83.2	η < 0.1	η = 0.6	x: 0.054 m η = 1.0	η = 0.1	**CUMPLE η = 83.2**
N288/N308	x: 1.304 m η = 0.6	x: 0.131 m η = 0.8	x: 0.131 m η = 63.3	x: 0.131 m η = 3.4	x: 0.131 m η = 10.8	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 66.8	η < 0.1	η = 0.5	x: 0.131 m η = 6.7	η = 0.5	**CUMPLE η = 66.8**
N308/N307	x: 1.303 m η = 23.8	x: 0.05 m η = 5.4	x: 0.05 m η = 18.2	x: 1.305 m η = 5.7	x: 1.305 m η = 1.5	η = 1.0	η < 0.1	η < 0.1	x: 0.05 m η = 42.4	η < 0.1	η = 0.9	x: 1.305 m η = 1.1	η = 0.9	**CUMPLE η = 42.4**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N307/N306	x: 1.303 m η = 44.4	x: 0.051 m η = 9.7	x: 1.305 m η = 7.1	x: 0.051 m η = 4.0	x: 0.051 m η = 1.4	η = 0.7	η < 0.1	η < 0.1	x: 1.305 m η = 51.5	η < 0.1	η = 1.1	x: 0.051 m η = 1.0	η = 0.6	**CUMPLE η = 51.5**
N306/N305	x: 1.303 m η = 65.1	x: 0.051 m η = 14.5	x: 1.305 m η = 15.5	x: 1.305 m η = 4.7	x: 0.051 m η = 2.5	η = 0.7	η < 0.1	η < 0.1	x: 1.305 m η = 84.3	η < 0.1	η = 0.9	x: 0.051 m η = 1.5	η = 0.6	**CUMPLE η = 84.3**
N305/N304	x: 1.302 m η = 81.7	x: 0.051 m η = 18.0	x: 1.095 m η = 8.1	x: 0.051 m η = 3.7	x: 0.051 m η = 0.4	η = 0.6	η < 0.1	η < 0.1	x: 0.051 m η = 91.9	η < 0.1	η = 0.8	x: 0.051 m η = 0.3	η = 0.4	**CUMPLE η = 91.9**
N304/N303	x: 1.302 m η = 50.7	x: 0.052 m η = 11.3	x: 1.304 m η = 8.9	x: 1.304 m η = 2.2	x: 0.052 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.304 m η = 61.4	η < 0.1	η = 0.5	x: 0.052 m η = 0.7	η = 0.2	**CUMPLE η = 61.4**
N303/N302	x: 1.301 m η = 57.0	x: 0.052 m η = 12.5	x: 0.052 m η = 5.6	x: 0.052 m η = 2.1	x: 0.052 m η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 64.3	η < 0.1	η = 0.5	x: 1.303 m η = 0.1	η = 0.2	**CUMPLE η = 64.3**
N302/N301	x: 1.301 m η = 62.9	x: 0.053 m η = 13.9	x: 1.303 m η = 9.9	x: 1.303 m η = 2.2	x: 0.053 m η = 1.1	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 74.5	η < 0.1	η = 0.5	x: 0.053 m η = 0.7	η = 0.2	**CUMPLE η = 74.5**
N301/N300	x: 1.3 m η = 66.4	x: 0.053 m η = 14.5	x: 0.053 m η = 7.8	x: 0.053 m η = 1.9	x: 1.302 m η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 0.053 m η = 75.9	η < 0.1	η = 0.3	x: 1.302 m η = 0.4	η = 0.2	**CUMPLE η = 75.9**
N300/N290	x: 1.313 m η = 68.8	x: 0.054 m η = 15.2	x: 1.315 m η = 13.9	x: 1.315 m η = 2.6	x: 0.054 m η = 1.6	η = 0.4	η < 0.1	η < 0.1	x: 1.315 m η = 85.3	η < 0.1	η = 0.5	x: 0.054 m η = 1.0	η = 0.3	**CUMPLE η = 85.3**
N298/N275	x: 1.59 m η = 38.6	x: 0.091 m η = 10.3	x: 1.59 m η = 13.6	x: 0.091 m η = 2.3	η = 1.9	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 53.8	η < 0.1	η = 0.5	η = 1.1	η = 0.1	**CUMPLE η = 53.8**
N299/N276	x: 1.55 m η = 20.4	x: 0.091 m η = 4.8	x: 0.091 m η = 11.0	x: 1.55 m η = 0.3	η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 31.7	η < 0.1	η = 0.2	η = 0.9	η < 0.1	**CUMPLE η = 31.7**
N297/N274	x: 1.63 m η = 40.0	x: 0.091 m η = 9.3	x: 1.63 m η = 17.7	x: 0.091 m η = 0.5	η = 2.4	η = 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 58.1	η < 0.1	η = 0.1	η = 1.4	η < 0.1	**CUMPLE η = 58.1**
N296/N273	x: 1.67 m η = 56.5	x: 0.091 m η = 14.3	x: 1.67 m η = 21.1	x: 0.091 m η = 1.2	η = 2.8	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 78.3	η < 0.1	η = 0.4	η = 1.6	η = 0.1	**CUMPLE η = 78.3**
N295/N272	x: 1.71 m η = 57.7	x: 0.091 m η = 13.3	x: 1.71 m η = 24.4	x: 1.71 m η = 0.5	η = 3.1	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 82.3	η < 0.1	η = 0.3	η = 1.9	η < 0.1	**CUMPLE η = 82.3**
N291/N268	x: 1.869 m η = 42.8	x: 0.091 m η = 9.9	x: 0.091 m η = 28.7	x: 0.091 m η = 0.5	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 71.9	η < 0.1	η = 0.4	η = 1.8	η < 0.1	**CUMPLE η = 71.9**
N292/N269	x: 1.829 m η = 62.1	x: 0.091 m η = 15.1	x: 1.83 m η = 21.2	x: 0.091 m η = 1.7	η = 2.5	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 83.6	η < 0.1	η = 0.6	η = 1.5	η < 0.1	**CUMPLE η = 83.6**
N293/N270	x: 1.789 m η = 48.4	x: 0.091 m η = 11.2	x: 1.79 m η = 20.2	x: 0.091 m η = 0.6	η = 2.5	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 69.1	η < 0.1	η = 0.2	η = 1.5	η < 0.1	**CUMPLE η = 69.1**
N294/N271	x: 1.749 m η = 48.5	x: 0.091 m η = 12.1	x: 1.75 m η = 18.0	x: 0.091 m η = 1.0	η = 2.2	η = 0.1	η < 0.1	η < 0.1	x: 1.75 m η = 66.9	η < 0.1	η = 0.4	η = 1.3	η < 0.1	**CUMPLE η = 66.9**
N301/N279	x: 1.59 m η = 36.8	x: 0.091 m η = 10.1	x: 1.59 m η = 12.9	x: 0.091 m η = 1.8	η = 1.8	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 50.9	η < 0.1	η = 0.5	η = 1.1	η = 0.1	**CUMPLE η = 50.9**
N300/N278	x: 1.55 m η = 18.8	x: 0.091 m η = 4.5	x: 0.091 m η = 10.3	x: 1.55 m η = 0.5	η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 1.55 m η = 29.6	η < 0.1	η = 0.4	η = 0.9	η < 0.1	**CUMPLE η = 29.6**
N302/N280	x: 1.63 m η = 38.4	x: 0.091 m η = 9.1	x: 1.63 m η = 16.9	x: 0.091 m η = 0.2	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 1.63 m η = 55.4	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 55.4**
N303/N281	x: 1.67 m η = 54.8	x: 0.091 m η = 14.1	x: 1.67 m η = 20.4	x: 0.091 m η = 1.6	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 76.3	η < 0.1	η = 0.6	η = 1.6	η = 0.1	**CUMPLE η = 76.3**
N304/N282	x: 1.71 m η = 56.1	x: 0.091 m η = 13.0	x: 1.71 m η = 23.7	x: 1.71 m η = 0.5	η = 3.0	η < 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 80.1	η < 0.1	η = 0.3	η = 1.8	η < 0.1	**CUMPLE η = 80.1**
N307/N285	x: 1.829 m η = 60.5	x: 0.091 m η = 14.9	x: 1.83 m η = 20.9	x: 0.091 m η = 1.3	η = 2.5	η = 0.1	η < 0.1	η < 0.1	x: 1.83 m η = 81.9	η < 0.1	η = 0.4	η = 1.5	η = 0.1	**CUMPLE η = 81.9**
N306/N284	x: 1.789 m η = 47.5	x: 0.091 m η = 11.0	x: 1.79 m η = 19.8	x: 1.79 m η = 0.4	η = 2.4	η < 0.1	η < 0.1	η < 0.1	x: 1.79 m η = 67.3	η < 0.1	η = 0.4	η = 1.4	η < 0.1	**CUMPLE η = 67.3**
N305/N283	x: 1.749 m η = 47.5	x: 0.091 m η = 11.9	x: 1.75 m η = 17.5	x: 0.091 m η = 0.9	η = 2.2	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 65.5	η < 0.1	η = 0.3	η = 1.3	η < 0.1	**CUMPLE η = 65.5**
N308/N286	x: 1.869 m η = 44.8	x: 0.091 m η = 10.4	x: 0.091 m η = 27.2	x: 0.091 m η = 0.2	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 72.1	η < 0.1	η = 0.5	η = 1.7	η < 0.1	**CUMPLE η = 72.1**
N299/N277	x: 2.01 m η = 5.6	x: 0.12 m η = 21.4	x: 0.12 m η = 6.4	x: 2.01 m η = 0.7	x: 2.01 m η = 0.6	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 27.9	η < 0.1	η = 0.2	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 27.9**
N298/N276	x: 2.042 m η = 6.0	x: 0.119 m η = 29.1	x: 0.119 m η = 9.3	x: 0.119 m η = 0.6	x: 2.042 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.119 m η = 39.0	η < 0.1	η = 0.6	x: 2.042 m η = 0.7	η < 0.1	**CUMPLE η = 39.0**
N297/N275	x: 2.075 m η = 11.9	x: 0.118 m η = 48.9	x: 0.118 m η = 10.7	x: 0.118 m η = 0.5	x: 2.075 m η = 1.2	η < 0.1	η < 0.1	η < 0.1	x: 0.118 m η = 59.9	η < 0.1	η < 0.1	x: 0.118 m η = 0.5	η < 0.1	**CUMPLE η = 59.9**
N296/N274	x: 2.107 m η = 11.2	x: 0.117 m η = 52.2	x: 0.117 m η = 13.1	x: 0.117 m η = 1.5	x: 2.107 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 66.8	η < 0.1	η = 0.3	x: 2.107 m η = 1.0	η = 0.1	**CUMPLE η = 66.8**
N295/N273	x: 2.14 m η = 16.8	x: 0.116 m η = 70.9	x: 0.116 m η = 14.3	x: 0.116 m η = 0.7	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 85.7	η < 0.1	η = 0.1	x: 0.116 m η = 0.6	η < 0.1	**CUMPLE η = 85.7**
N294/N272	x: 2.173 m η = 16.0	x: 0.115 m η = 73.3	x: 0.115 m η = 16.6	x: 2.173 m η = 0.2	x: 2.173 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 90.0	η < 0.1	η = 0.6	x: 2.173 m η = 1.2	η < 0.1	**CUMPLE η = 90.0**
N293/N271	x: 2.206 m η = 14.2	x: 0.114 m η = 60.0	x: 0.114 m η = 11.9	x: 0.323 m η = 0.2	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	x: 0.114 m η < 0.1	x: 0.114 m η = 72.0	η < 0.1	η = 0.2	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 72.0**
N292/N270	x: 2.239 m η = 13.3	x: 0.113 m η = 60.3	x: 2.239 m η = 12.2	x: 0.113 m η = 1.2	x: 2.239 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.113 m η = 73.3	η < 0.1	η = 0.4	x: 2.239 m η = 0.9	η < 0.1	**CUMPLE η = 73.3**
N291/N269	x: 2.273 m η = 17.4	x: 0.112 m η = 74.3	x: 0.112 m η = 20.5	x: 0.112 m η = 0.4	x: 2.273 m η = 2.0	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 95.1	η < 0.1	η = 0.2	x: 0.112 m η = 0.6	η < 0.1	**CUMPLE η = 95.1**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N266/N268	x: 2.307 m η = 12.5	x: 0.232 m η = 56.6	x: 0.232 m η = 17.5	x: 0.232 m η = 1.3	x: 0.232 m η = 1.3	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 74.5	η < 0.1	η = 0.3	x: 0.232 m η = 0.8	η < 0.1	**CUMPLE η = 74.5**
N300/N277	x: 2.01 m η = 5.2	x: 0.12 m η = 19.1	x: 0.12 m η = 6.1	x: 0.12 m η = 1.1	x: 2.01 m η = 0.5	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 26.4	η < 0.1	η = 0.5	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 26.4**
N301/N278	x: 2.042 m η = 5.6	x: 0.119 m η = 27.0	x: 0.119 m η = 8.9	x: 0.119 m η = 2.2	x: 2.042 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 0.119 m η = 38.1	η < 0.1	η = 0.2	x: 0.119 m η = 0.4	η = 0.1	**CUMPLE η = 38.1**
N302/N279	x: 2.075 m η = 11.6	x: 0.118 m η = 46.7	x: 0.118 m η = 10.3	x: 0.118 m η = 0.9	x: 2.075 m η = 1.1	η = 0.1	η < 0.1	x: 0.118 m η < 0.1	x: 0.118 m η = 57.7	η < 0.1	η = 0.3	x: 2.075 m η = 0.8	η < 0.1	**CUMPLE η = 57.7**
N303/N280	x: 2.107 m η = 10.9	x: 0.117 m η = 50.0	x: 0.117 m η = 12.8	x: 0.117 m η = 0.9	x: 2.107 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.117 m η = 63.0	η < 0.1	η = 0.5	x: 2.107 m η = 0.9	η < 0.1	**CUMPLE η = 63.0**
N304/N281	x: 2.14 m η = 16.5	x: 0.116 m η = 68.8	x: 0.116 m η = 14.0	x: 0.116 m η = 0.6	x: 2.14 m η = 1.6	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 83.2	η < 0.1	η = 0.3	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 83.2**
N305/N282	x: 2.173 m η = 15.7	x: 0.115 m η = 71.3	x: 0.115 m η = 16.3	x: 0.115 m η = 2.0	x: 2.173 m η = 1.8	η = 0.1	η < 0.1	η < 0.1	x: 0.115 m η = 89.5	η < 0.1	η = 0.1	x: 2.173 m η = 1.2	η = 0.1	**CUMPLE η = 89.5**
N306/N283	x: 2.206 m η = 13.9	x: 0.114 m η = 58.7	x: 0.114 m η = 11.7	x: 0.114 m η = 0.7	x: 2.206 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 71.0	η < 0.1	η = 0.3	x: 2.206 m η = 0.8	η < 0.1	**CUMPLE η = 71.0**
N307/N284	x: 2.239 m η = 13.1	x: 0.113 m η = 59.3	x: 2.239 m η = 12.0	x: 0.113 m η = 0.5	x: 2.239 m η = 1.3	η < 0.1	η < 0.1	η < 0.1	x: 2.239 m η = 71.2	η < 0.1	η = 0.3	x: 2.239 m η = 0.9	η < 0.1	**CUMPLE η = 71.2**
N308/N285	x: 2.273 m η = 17.1	x: 0.112 m η = 72.6	x: 0.112 m η = 19.1	x: 0.112 m η = 0.8	x: 2.273 m η = 1.9	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 92.1	η < 0.1	η = 0.3	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 92.1**
N288/N286	x: 2.307 m η = 12.7	x: 0.232 m η = 57.6	x: 0.232 m η = 11.9	x: 0.232 m η = 1.6	x: 0.232 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 70.8	η < 0.1	η = 0.4	x: 0.232 m η = 0.6	η = 0.1	**CUMPLE η = 70.8**
N309/N310	x: 6.108 m η = 1.2	x: 0 m η = 20.5	x: 6.109 m η = 44.6	x: 0 m η = 6.4	η = 7.4	η = 0.2	η < 0.1	η < 0.1	x: 6.109 m η = 60.8	η < 0.1	η = 0.2	η = 4.3	η < 0.1	**CUMPLE η = 60.8**
N310/N311	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 29.7	x: 0.091 m η = 0.7	η = 9.1	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 30.5	η < 0.1	η = 0.5	η = 5.4	η < 0.1	**CUMPLE η = 30.5**
N311/N312	η = 8.5	η = 1.7	x: 1.306 m η = 9.6	x: 1.306 m η = 0.4	x: 1.306 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 18.1	η < 0.1	η = 4.5	x: 1.306 m η = 0.6	η < 0.1	**CUMPLE η = 18.1**
N312/N313	η = 2.1	η = 9.4	x: 0.049 m η = 15.1	x: 1.306 m η = 1.3	x: 0.049 m η = 3.6	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 25.8	η < 0.1	η = 5.3	x: 0.049 m η = 2.3	η < 0.1	**CUMPLE η = 25.8**
N313/N314	η = 6.9	η = 32.4	x: 1.306 m η = 8.5	x: 0.049 m η = 2.2	x: 0.049 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 1.306 m η = 41.3	η < 0.1	η = 4.8	x: 0.049 m η = 0.8	η = 0.2	**CUMPLE η = 41.3**
N314/N315	η = 10.3	η = 50.1	x: 1.305 m η = 10.2	x: 1.305 m η = 3.1	x: 0.049 m η = 1.5	η = 0.5	η < 0.1	η < 0.1	x: 1.305 m η = 63.4	η < 0.1	η = 4.9	x: 0.049 m η = 1.0	η = 0.3	**CUMPLE η = 63.4**
N315/N316	η = 14.0	η = 67.9	x: 1.305 m η = 9.4	x: 1.305 m η = 2.8	x: 0.05 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 1.305 m η = 80.1	η < 0.1	η = 5.9	x: 0.05 m η = 0.8	η = 0.1	**CUMPLE η = 80.1**
N316/N317	η = 17.0	η = 82.6	x: 1.304 m η = 12.7	x: 0.05 m η = 0.7	x: 0.05 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 1.304 m η = 95.4	η < 0.1	η = 5.8	x: 0.05 m η = 1.0	η = 0.1	**CUMPLE η = 95.4**
N317/N318	η = 10.4	η = 50.0	x: 1.304 m η = 5.1	x: 1.304 m η = 0.7	x: 0.051 m η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 55.8	η < 0.1	η = 2.0	x: 0.051 m η = 0.2	η = 0.1	**CUMPLE η = 55.8**
N318/N319	η = 11.4	η = 54.9	x: 1.304 m η = 5.9	x: 1.304 m η = 2.1	x: 0.051 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 62.9	η < 0.1	η = 1.5	x: 0.051 m η = 0.3	η = 0.1	**CUMPLE η = 62.9**
N319/N320	η = 12.4	η = 59.4	x: 1.094 m η = 4.9	x: 0.051 m η = 2.0	x: 0.051 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.886 m η = 66.2	η < 0.1	η = 1.5	x: 0.051 m η = 0.2	η < 0.1	**CUMPLE η = 66.2**
N320/N321	η = 13.0	η = 62.4	x: 1.303 m η = 8.5	x: 0.052 m η = 1.0	x: 0.052 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.303 m η = 70.9	η < 0.1	η = 0.9	x: 0.052 m η = 0.5	η = 0.1	**CUMPLE η = 70.9**
N321/N322	η = 12.9	η = 62.3	x: 0.052 m η = 8.5	x: 1.303 m η = 0.9	x: 1.303 m η = 0.7	η = 0.1	η < 0.1	η < 0.1	x: 0.052 m η = 70.8	η < 0.1	η = 0.8	x: 1.303 m η = 0.5	η = 0.1	**CUMPLE η = 70.8**
N322/N323	η = 12.3	η = 59.2	x: 0.261 m η = 4.9	x: 1.304 m η = 1.8	x: 1.304 m η = 0.2	η = 0.1	η < 0.1	η < 0.1	x: 0.678 m η = 65.6	η < 0.1	η = 1.4	x: 1.304 m η = 0.2	η < 0.1	**CUMPLE η = 65.6**
N323/N324	η = 11.3	η = 54.5	x: 0.051 m η = 5.9	x: 0.051 m η = 1.9	x: 1.304 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 62.4	η < 0.1	η = 1.3	x: 1.304 m η = 0.3	η = 0.1	**CUMPLE η = 62.4**
N324/N325	η = 10.3	η = 49.5	x: 0.051 m η = 5.1	x: 1.304 m η = 0.5	x: 1.304 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 55.1	η < 0.1	η = 1.9	x: 1.304 m η = 0.2	η = 0.1	**CUMPLE η = 55.1**
N325/N326	η = 16.6	η = 81.3	x: 0.051 m η = 12.5	x: 1.305 m η = 0.9	x: 1.305 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.051 m η = 94.0	η < 0.1	η = 5.4	x: 1.305 m η = 1.0	η = 0.1	**CUMPLE η = 94.0**
N326/N327	η = 13.6	η = 66.4	x: 0.05 m η = 9.0	x: 0.05 m η = 2.8	x: 1.305 m η = 1.1	η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 78.3	η < 0.1	η = 5.7	x: 1.305 m η = 0.8	η < 0.1	**CUMPLE η = 78.3**
N327/N328	η = 9.7	η = 48.6	x: 0.05 m η = 9.8	x: 0.05 m η = 3.5	x: 1.306 m η = 1.5	η = 0.6	η < 0.1	η < 0.1	x: 0.05 m η = 61.8	η < 0.1	η = 4.5	x: 1.306 m η = 1.0	η = 0.4	**CUMPLE η = 61.8**
N328/N329	η = 6.1	η = 30.7	x: 0.049 m η = 8.2	x: 1.306 m η = 2.5	x: 1.306 m η = 1.1	η = 0.4	η < 0.1	η < 0.1	x: 0.049 m η = 39.2	η < 0.1	η = 4.5	x: 1.306 m η = 0.8	η = 0.3	**CUMPLE η = 39.2**
N329/N330	η = 1.1	η = 7.7	x: 1.306 m η = 16.3	x: 1.306 m η = 1.7	x: 1.306 m η = 3.7	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 25.8	η < 0.1	η = 4.9	x: 1.306 m η = 2.5	η = 0.1	**CUMPLE η = 25.8**
N330/N331	η = 10.0	η = 3.1	x: 0.049 m η = 11.1	x: 0.049 m η = 0.7	x: 0.049 m η = 1.5	η = 0.1	η < 0.1	η < 0.1	x: 0.049 m η = 21.7	η < 0.1	η = 4.6	x: 0.049 m η = 1.4	η < 0.1	**CUMPLE η = 21.7**
N333/N430	x: 0.15 m η = 0.7	x: 0 m η = 7.9	x: 0 m η = 23.3	x: 0 m η = 6.9	η = 13.8	η = 1.1	η < 0.1	η < 0.1	x: 0 m η = 32.5	η < 0.1	η = 0.2	η = 11.3	η = 1.1	**CUMPLE η = 32.5**
N430/N422	x: 2.55 m η = 1.1	x: 0 m η = 8.5	x: 2.55 m η = 46.1	x: 0 m η = 5.4	η = 15.3	η = 0.4	η < 0.1	η < 0.1	x: 2.55 m η = 56.1	η < 0.1	η = 0.2	η = 11.3	η = 0.4	**CUMPLE η = 56.1**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N422/N332	x: 0.108 m η = 1.3	x: 0 m η = 7.3	x: 0.109 m η = 49.2	x: 0 m η = 4.4	η = 16.8	η = 1.4	η < 0.1	η < 0.1	x: 0.109 m η = 58.7	η < 0.1	η = 0.2	η = 11.3	η = 1.4	**CUMPLE η = 58.7**
N332/N331	x: 1.909 m η = 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 34.4	x: 1.909 m η = 0.6	η = 10.6	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 35.0	η < 0.1	η = 0.7	η = 7.5	η < 0.1	**CUMPLE η = 35.0**
N334/N321	x: 1.51 m η = 28.8	x: 0.091 m η = 8.4	x: 0.091 m η = 0.2	x: 0.091 m η = 7.9	η < 0.1	η = 1.1	x: 0.091 m η < 0.1	η < 0.1	x: 0.091 m η = 36.7	η < 0.1	η = 0.5	η < 0.1	η = 0.6	**CUMPLE η = 36.7**
N310/N335	x: 1.304 m η = 0.9	x: 0.131 m η = 0.4	x: 0.131 m η = 59.8	x: 0.131 m η = 3.0	x: 0.131 m η = 10.1	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 63.7	η < 0.1	η = 2.1	x: 0.131 m η = 6.1	η = 0.3	**CUMPLE η = 63.7**
N335/N336	x: 1.303 m η = 25.1	x: 0.05 m η = 5.6	x: 0.05 m η = 16.8	x: 1.305 m η = 5.6	x: 1.305 m η = 1.0	η = 1.0	η < 0.1	η < 0.1	x: 0.05 m η = 43.1	η < 0.1	η = 2.4	x: 1.305 m η = 0.7	η = 0.6	**CUMPLE η = 43.1**
N336/N337	x: 1.303 m η = 29.0	x: 0.051 m η = 7.3	x: 1.305 m η = 5.8	x: 0.051 m η = 4.4	x: 0.051 m η = 1.2	η = 0.7	η < 0.1	η < 0.1	x: 1.305 m η = 35.1	η < 0.1	η = 12.0	x: 0.051 m η = 0.9	η = 0.4	**CUMPLE η = 35.1**
N337/N338	x: 1.303 m η = 46.7	x: 0.051 m η = 11.0	x: 1.305 m η = 12.6	x: 1.305 m η = 3.5	x: 0.051 m η = 2.1	η = 0.7	η < 0.1	η < 0.1	x: 1.305 m η = 62.9	η < 0.1	η = 12.0	x: 0.051 m η = 1.3	η = 0.5	**CUMPLE η = 62.9**
N338/N339	x: 1.302 m η = 61.4	x: 0.051 m η = 13.8	x: 0.886 m η = 6.4	x: 0.051 m η = 5.0	x: 0.051 m η = 0.4	η = 0.8	η < 0.1	η < 0.1	x: 0.051 m η = 72.0	η < 0.1	η = 1.1	x: 0.051 m η = 0.3	η = 0.5	**CUMPLE η = 72.0**
N339/N340	x: 1.302 m η = 75.6	x: 0.052 m η = 17.0	x: 1.304 m η = 17.3	x: 1.304 m η = 5.3	x: 0.052 m η = 2.4	η = 0.9	η < 0.1	η < 0.1	x: 1.304 m η = 98.1	η < 0.1	η = 1.1	x: 0.052 m η = 1.4	η = 0.6	**CUMPLE η = 98.1**
N340/N341	x: 1.301 m η = 72.6	x: 0.052 m η = 15.5	x: 0.052 m η = 9.1	x: 0.052 m η = 4.0	x: 0.052 m η = 0.5	η = 0.6	η < 0.1	η < 0.1	x: 0.052 m η = 85.8	η < 0.1	η = 9.7	x: 1.303 m η = 0.3	η = 0.4	**CUMPLE η = 85.8**
N341/N342	x: 1.301 m η = 81.4	x: 0.053 m η = 17.5	x: 1.303 m η = 14.0	x: 1.303 m η = 3.2	x: 0.053 m η = 1.6	η = 0.7	η < 0.1	η < 0.1	x: 1.303 m η = 98.6	η < 0.1	η = 10.6	x: 0.053 m η = 1.0	η = 0.4	**CUMPLE η = 98.6**
N342/N343	x: 1.3 m η = 45.2	x: 0.053 m η = 9.5	x: 0.053 m η = 5.6	x: 0.053 m η = 1.6	x: 1.302 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.053 m η = 52.4	η < 0.1	η = 2.6	x: 1.302 m η = 0.3	η = 0.1	**CUMPLE η = 52.4**
N343/N334	x: 1.313 m η = 47.4	x: 0.054 m η = 10.1	x: 1.315 m η = 10.4	x: 1.315 m η = 1.7	x: 0.054 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 1.315 m η = 59.5	η < 0.1	η = 2.2	x: 0.054 m η = 0.8	η = 0.2	**CUMPLE η = 59.5**
N332/N352	x: 1.304 m η = 2.1	x: 0.131 m η = 4.7	x: 0.131 m η = 64.2	x: 0.131 m η = 2.1	x: 0.131 m η = 10.8	η = 0.3	η < 0.1	η < 0.1	x: 0.131 m η = 69.9	η < 0.1	η = 1.7	x: 0.131 m η = 7.2	η = 0.3	**CUMPLE η = 69.9**
N352/N351	x: 1.303 m η = 14.4	x: 0.05 m η = 1.6	x: 0.05 m η = 18.3	x: 1.305 m η = 3.3	x: 1.305 m η = 1.3	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 32.9	η < 0.1	η = 1.9	x: 1.305 m η = 1.2	η = 0.5	**CUMPLE η = 32.9**
N351/N350	x: 1.303 m η = 21.8	x: 0.051 m η = 4.0	x: 1.305 m η = 5.6	x: 0.051 m η = 1.9	x: 0.051 m η = 1.3	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 27.8	η < 0.1	η = 12.3	x: 0.051 m η = 1.1	η = 0.3	**CUMPLE η = 27.8**
N350/N349	x: 1.303 m η = 39.7	x: 0.051 m η = 8.0	x: 1.305 m η = 12.1	x: 1.305 m η = 3.0	x: 0.051 m η = 2.0	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 53.8	η < 0.1	η = 12.8	x: 0.051 m η = 1.3	η = 0.3	**CUMPLE η = 53.8**
N349/N348	x: 1.302 m η = 54.4	x: 0.051 m η = 10.9	x: 1.095 m η = 6.1	x: 0.051 m η = 1.6	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.095 m η = 61.1	η < 0.1	η = 0.8	x: 0.051 m η = 0.4	η < 0.1	**CUMPLE η = 61.1**
N348/N347	x: 1.302 m η = 68.8	x: 0.052 m η = 14.2	x: 1.304 m η = 16.5	x: 1.304 m η = 1.6	x: 0.052 m η = 2.4	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 85.9	η < 0.1	η = 0.7	x: 0.052 m η = 1.4	η < 0.1	**CUMPLE η = 85.9**
N347/N346	x: 1.301 m η = 69.9	x: 0.052 m η = 14.5	x: 0.052 m η = 9.1	x: 0.052 m η = 2.4	x: 1.303 m η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 0.052 m η = 80.5	η < 0.1	η = 8.9	x: 1.303 m η = 0.3	η = 0.2	**CUMPLE η = 80.5**
N346/N345	x: 1.301 m η = 79.0	x: 0.053 m η = 16.6	x: 1.303 m η = 14.0	x: 1.303 m η = 3.0	x: 0.053 m η = 1.6	η = 0.4	η < 0.1	η < 0.1	x: 1.303 m η = 95.4	η < 0.1	η = 10.0	x: 0.053 m η = 1.1	η = 0.2	**CUMPLE η = 95.4**
N345/N344	x: 1.3 m η = 84.8	x: 0.053 m η = 17.6	x: 0.053 m η = 10.9	x: 0.053 m η = 2.7	x: 1.302 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.053 m η = 98.3	η < 0.1	η = 4.8	x: 1.302 m η = 0.6	η = 0.3	**CUMPLE η = 98.3**
N344/N334	x: 1.313 m η = 46.3	x: 0.054 m η = 9.8	x: 1.315 m η = 10.6	x: 1.315 m η = 1.4	x: 0.054 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 1.315 m η = 58.2	η < 0.1	η = 2.0	x: 0.054 m η = 0.8	η = 0.1	**CUMPLE η = 58.2**
N342/N319	x: 1.59 m η = 28.3	x: 0.091 m η = 7.4	x: 1.59 m η = 9.2	x: 0.091 m η = 16.7	η = 1.3	η = 1.3	η < 0.1	η < 0.1	x: 0.091 m η = 53.7	η < 0.1	η = 1.6	η = 0.8	η = 0.7	**CUMPLE η = 53.7**
N343/N320	x: 1.55 m η = 16.4	x: 0.091 m η = 3.7	x: 0.091 m η = 7.7	x: 1.55 m η = 4.8	η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.55 m η = 28.7	η < 0.1	η = 0.7	η = 0.7	η = 0.1	**CUMPLE η = 28.7**
N341/N318	x: 1.63 m η = 29.9	x: 0.091 m η = 6.5	x: 1.63 m η = 12.1	x: 0.091 m η = 4.0	η = 1.6	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 45.6	η < 0.1	η = 3.1	η = 1.0	η = 0.1	**CUMPLE η = 45.6**
N340/N317	x: 1.67 m η = 48.0	x: 0.091 m η = 11.9	x: 1.67 m η = 16.4	x: 0.091 m η = 5.9	η = 2.1	η = 0.8	η < 0.1	η < 0.1	x: 1.67 m η = 70.2	η < 0.1	η = 2.0	η = 1.3	η = 0.4	**CUMPLE η = 70.2**
N339/N316	x: 1.71 m η = 49.3	x: 0.091 m η = 10.7	x: 1.71 m η = 20.6	x: 1.71 m η = 3.4	η = 2.6	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 73.3	η < 0.1	η = 3.2	η = 1.6	η = 0.1	**CUMPLE η = 73.3**
N335/N312	x: 1.869 m η = 41.3	x: 0.091 m η = 8.8	x: 0.091 m η = 25.6	x: 0.091 m η = 1.1	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 67.9	η < 0.1	η = 1.9	η = 1.6	η = 0.1	**CUMPLE η = 67.9**
N336/N313	x: 1.829 m η = 56.0	x: 0.091 m η = 12.5	x: 1.83 m η = 18.7	x: 0.091 m η = 4.8	η = 2.2	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 78.1	η < 0.1	η = 1.7	η = 1.3	η = 0.3	**CUMPLE η = 78.1**
N337/N314	x: 1.79 m η = 62.7	x: 0.091 m η = 12.9	x: 1.79 m η = 25.7	x: 0.091 m η = 2.7	η = 3.2	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 90.7	η < 0.1	η = 4.1	η = 1.9	η = 0.1	**CUMPLE η = 90.7**
N338/N315	x: 1.75 m η = 62.3	x: 0.091 m η = 14.2	x: 1.75 m η = 22.8	x: 0.091 m η = 12.3	η = 2.9	η = 0.9	η < 0.1	η < 0.1	x: 0.091 m η = 96.9	η < 0.1	η = 3.2	η = 1.7	η = 0.6	**CUMPLE η = 96.9**
N345/N323	x: 1.59 m η = 29.2	x: 0.091 m η = 7.8	x: 1.59 m η = 9.5	x: 0.091 m η = 15.7	η = 1.3	η = 1.2	η < 0.1	η < 0.1	x: 0.091 m η = 53.9	η < 0.1	η = 2.4	η = 0.8	η = 0.7	**CUMPLE η = 53.9**
N344/N322	x: 1.55 m η = 17.1	x: 0.091 m η = 4.1	x: 0.091 m η = 7.9	x: 1.55 m η = 4.2	η = 1.1	η = 0.2	η < 0.1	η < 0.1	x: 1.55 m η = 29.0	η < 0.1	η = 0.2	η = 0.7	η = 0.1	**CUMPLE η = 29.0**
N346/N324	x: 1.63 m η = 30.9	x: 0.091 m η = 6.8	x: 1.63 m η = 12.5	x: 0.091 m η = 3.8	η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 46.6	η < 0.1	η = 2.4	η = 1.1	η = 0.1	**CUMPLE η = 46.6**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N347/N325	x: 1.67 m η = 48.9	x: 0.091 m η = 12.2	x: 1.67 m η = 16.7	x: 0.091 m η = 6.1	η = 2.2	η = 0.8	η < 0.1	η < 0.1	x: 1.67 m η = 71.4	η < 0.1	η = 2.5	η = 1.4	η = 0.5	**CUMPLE η = 71.4**
N348/N326	x: 1.71 m η = 50.1	x: 0.091 m η = 11.1	x: 1.71 m η = 20.7	x: 1.71 m η = 3.3	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 1.71 m η = 74.1	η < 0.1	η = 2.6	η = 1.6	η = 0.1	**CUMPLE η = 74.1**
N351/N329	x: 1.829 m η = 56.2	x: 0.091 m η = 13.2	x: 1.83 m η = 18.5	x: 0.091 m η = 5.2	η = 2.1	η = 0.4	η < 0.1	η < 0.1	x: 0.091 m η = 78.4	η < 0.1	η = 2.1	η = 1.3	η = 0.2	**CUMPLE η = 78.4**
N350/N328	x: 1.79 m η = 62.9	x: 0.091 m η = 13.5	x: 1.79 m η = 25.7	x: 0.091 m η = 3.2	η = 3.1	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 91.4	η < 0.1	η = 3.7	η = 2.0	η = 0.1	**CUMPLE η = 91.4**
N349/N327	x: 1.75 m η = 62.6	x: 0.091 m η = 14.8	x: 1.75 m η = 22.8	x: 0.091 m η = 14.0	η = 2.9	η = 1.1	η < 0.1	η < 0.1	x: 0.091 m η = 98.9	η < 0.1	η = 3.9	η = 1.8	η = 0.7	**CUMPLE η = 98.9**
N352/N330	x: 1.869 m η = 40.4	x: 0.091 m η = 8.5	x: 0.091 m η = 25.8	x: 0.091 m η = 1.4	η = 2.7	η = 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 67.5	η < 0.1	η = 1.5	η = 1.7	η < 0.1	**CUMPLE η = 67.5**
N343/N321	x: 2.01 m η = 4.4	x: 0.12 m η = 17.4	x: 0.12 m η = 5.2	x: 2.01 m η = 1.1	x: 2.01 m η = 0.5	η < 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 23.6	η < 0.1	η = 1.0	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 23.6**
N342/N320	x: 2.042 m η = 4.4	x: 0.119 m η = 23.3	x: 0.119 m η = 6.9	x: 0.119 m η = 9.5	x: 2.042 m η = 0.8	η = 0.6	η < 0.1	η < 0.1	x: 0.119 m η = 39.8	η < 0.1	η = 2.4	x: 2.042 m η = 0.6	η = 0.4	**CUMPLE η = 39.8**
N341/N319	x: 2.075 m η = 8.4	x: 0.118 m η = 36.3	x: 0.118 m η = 7.8	x: 0.118 m η = 2.6	x: 2.075 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 0.118 m η = 46.7	η < 0.1	η = 1.8	x: 2.075 m η = 0.7	η = 0.1	**CUMPLE η = 46.7**
N340/N318	x: 2.107 m η = 7.7	x: 0.117 m η = 39.2	x: 0.117 m η = 10.0	x: 0.117 m η = 6.0	x: 2.107 m η = 1.2	η = 0.4	η < 0.1	η < 0.1	x: 0.117 m η = 55.2	η < 0.1	η = 0.3	x: 2.107 m η = 0.8	η = 0.2	**CUMPLE η = 55.2**
N339/N317	x: 2.14 m η = 13.7	x: 0.116 m η = 59.9	x: 0.116 m η = 12.2	x: 0.116 m η = 2.2	x: 2.14 m η = 1.4	η < 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 74.3	η < 0.1	η = 1.7	x: 2.14 m η = 0.9	η < 0.1	**CUMPLE η = 74.3**
N338/N316	x: 2.173 m η = 12.8	x: 0.115 m η = 62.8	x: 0.115 m η = 13.9	x: 0.115 m η = 5.2	x: 2.173 m η = 1.6	η = 0.5	η < 0.1	η < 0.1	x: 0.115 m η = 82.0	η < 0.1	η = 2.2	x: 2.173 m η = 1.1	η = 0.3	**CUMPLE η = 82.0**
N337/N315	x: 2.206 m η = 16.5	x: 0.114 m η = 77.3	x: 0.114 m η = 15.2	x: 0.114 m η = 4.3	x: 2.206 m η = 1.7	η = 0.2	η < 0.1	η < 0.1	x: 0.114 m η = 96.8	η < 0.1	η = 1.9	x: 2.206 m η = 1.1	η = 0.1	**CUMPLE η = 96.8**
N336/N314	x: 2.239 m η = 9.9	x: 0.113 m η = 51.1	x: 2.239 m η = 10.5	x: 0.113 m η = 5.3	x: 2.239 m η = 1.2	η = 0.2	η < 0.1	η < 0.1	x: 0.113 m η = 66.5	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η = 0.2	**CUMPLE η = 66.5**
N335/N313	x: 2.273 m η = 14.3	x: 0.112 m η = 67.0	x: 0.112 m η = 17.8	x: 0.112 m η = 2.9	x: 2.273 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 87.7	η < 0.1	η = 0.7	x: 2.273 m η = 1.1	η < 0.1	**CUMPLE η = 87.7**
N310/N312	x: 2.307 m η = 10.7	x: 0.232 m η = 53.4	x: 0.232 m η = 11.6	x: 2.307 m η = 2.4	x: 0.232 m η = 0.8	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 66.1	η < 0.1	η = 0.2	x: 0.232 m η = 0.6	η = 0.1	**CUMPLE η = 66.1**
N344/N321	x: 2.01 m η = 5.0	x: 0.12 m η = 18.2	x: 0.12 m η = 5.3	x: 0.12 m η = 1.8	x: 2.01 m η = 0.6	η = 0.1	η < 0.1	η < 0.1	x: 0.12 m η = 25.4	η < 0.1	η = 0.7	x: 2.01 m η = 0.4	η < 0.1	**CUMPLE η = 25.4**
N345/N322	x: 2.042 m η = 5.0	x: 0.119 m η = 24.2	x: 0.119 m η = 7.1	x: 0.119 m η = 6.9	x: 2.042 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.119 m η = 38.2	η < 0.1	η = 2.8	x: 2.042 m η = 0.6	η = 0.3	**CUMPLE η = 38.2**
N346/N323	x: 2.075 m η = 8.8	x: 0.118 m η = 37.4	x: 0.118 m η = 8.0	x: 2.075 m η = 1.6	x: 2.075 m η = 1.0	η = 0.2	η < 0.1	η < 0.1	x: 0.118 m η = 46.9	η < 0.1	η = 1.4	x: 2.075 m η = 0.7	η = 0.1	**CUMPLE η = 46.9**
N347/N324	x: 2.107 m η = 8.0	x: 0.117 m η = 40.4	x: 0.117 m η = 10.3	x: 0.117 m η = 7.6	x: 2.107 m η = 1.2	η = 0.5	η < 0.1	η < 0.1	x: 0.117 m η = 58.3	η < 0.1	η = 0.8	x: 2.107 m η = 0.8	η = 0.3	**CUMPLE η = 58.3**
N348/N325	x: 2.14 m η = 14.1	x: 0.116 m η = 61.0	x: 0.116 m η = 12.3	x: 2.14 m η = 2.1	x: 2.14 m η = 1.4	η = 0.1	η < 0.1	η < 0.1	x: 0.116 m η = 74.1	η < 0.1	η = 1.4	x: 2.14 m η = 1.0	η < 0.1	**CUMPLE η = 74.1**
N349/N326	x: 2.173 m η = 13.3	x: 0.115 m η = 63.8	x: 0.115 m η = 14.0	x: 0.115 m η = 4.6	x: 2.173 m η = 1.6	η = 0.4	η < 0.1	η < 0.1	x: 0.115 m η = 82.4	η < 0.1	η = 2.9	x: 2.173 m η = 1.1	η = 0.3	**CUMPLE η = 82.4**
N350/N327	x: 2.206 m η = 17.3	x: 0.114 m η = 77.8	x: 0.114 m η = 15.2	x: 0.114 m η = 3.3	x: 2.206 m η = 1.7	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 96.3	η < 0.1	η = 1.6	x: 2.206 m η = 1.2	η < 0.1	**CUMPLE η = 96.3**
N351/N328	x: 2.239 m η = 10.4	x: 0.113 m η = 51.2	x: 2.239 m η = 10.5	x: 0.113 m η = 6.6	x: 2.239 m η = 1.2	η = 0.3	η < 0.1	η < 0.1	x: 0.113 m η = 67.7	η < 0.1	η = 0.4	x: 2.239 m η = 0.8	η = 0.2	**CUMPLE η = 67.7**
N352/N329	x: 2.273 m η = 15.0	x: 0.112 m η = 67.2	x: 0.112 m η = 18.2	x: 2.271 m η = 2.4	x: 2.273 m η = 1.8	η < 0.1	η < 0.1	η < 0.1	x: 0.112 m η = 87.7	η < 0.1	η = 0.4	x: 2.273 m η = 1.2	η < 0.1	**CUMPLE η = 87.7**
N332/N330	x: 2.307 m η = 10.7	x: 0.232 m η = 52.9	x: 0.232 m η = 13.5	x: 0.232 m η = 2.6	x: 0.232 m η = 1.0	η = 0.1	η < 0.1	η < 0.1	x: 0.232 m η = 68.9	η < 0.1	η = 0.7	x: 0.232 m η = 0.8	η = 0.1	**CUMPLE η = 68.9**
N353/N413	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.7	x: 1.32 m η = 3.3	x: 0 m η = 14.0	η = 1.3	η = 0.8	η < 0.1	η < 0.1	x: 0 m η = 16.1	η < 0.1	η = 0.2	η = 0.8	η = 0.1	**CUMPLE η = 16.1**
N413/N401	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.6	x: 2.13 m η = 4.8	x: 2.13 m η = 6.4	η = 0.4	η = 0.6	η < 0.1	η < 0.1	x: 2.13 m η = 12.6	η < 0.1	η = 0.2	η = 0.2	η = 0.1	**CUMPLE η = 12.6**
N401/N407	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.4	x: 2.55 m η = 9.4	x: 2.55 m η = 11.5	η = 3.3	η = 0.2	η < 0.1	η < 0.1	x: 2.55 m η = 21.9	η < 0.1	η = 0.2	η = 2.1	η = 0.1	**CUMPLE η = 21.9**
N407/N354	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.0	x: 0.109 m η = 10.3	x: 0.109 m η = 11.5	η = 5.2	η = 0.3	η < 0.1	η < 0.1	x: 0.109 m η = 22.8	η < 0.1	η = 0.2	η = 2.9	η = 0.1	**CUMPLE η = 22.8**
N354/N355	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 7.0	x: 0.091 m η = 1.7	η = 2.3	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 8.9	η < 0.1	η = 1.5	η = 1.4	η < 0.1	**CUMPLE η = 8.9**
N355/N356	η = 2.2	η = 0.8	x: 0.13 m η = 3.4	x: 1.306 m η = 2.7	x: 1.306 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 1.306 m η = 6.7	η < 0.1	η = 7.1	x: 1.306 m η = 0.6	η = 0.3	**CUMPLE η = 7.1**
N356/N357	η = 1.6	η = 1.0	x: 0.049 m η = 1.9	x: 1.306 m η = 5.2	x: 0.049 m η = 0.6	η = 0.6	η < 0.1	η < 0.1	x: 1.306 m η = 8.0	η < 0.1	η = 6.8	x: 0.049 m η = 0.5	η = 0.3	**CUMPLE η = 8.0**
N357/N358	η = 0.9	η = 0.8	x: 0.678 m η = 1.3	x: 1.306 m η = 4.2	x: 0.049 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.887 m η = 6.2	η < 0.1	η = 7.6	x: 0.049 m η = 0.3	η < 0.1	**CUMPLE η = 7.6**
N358/N359	η = 2.0	η = 0.7	x: 1.305 m η = 2.3	x: 0.049 m η = 1.8	x: 1.305 m η = 0.7	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 5.0	η < 0.1	η = 7.0	x: 1.305 m η = 0.5	η = 0.2	**CUMPLE η = 7.0**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N359/N360	η = 4.0	η = 0.5	x: 0.05 m η = 1.5	x: 0.05 m η = 2.3	x: 0.05 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 1.305 m η = 7.2	η < 0.1	η = 4.4	x: 0.05 m η = 0.3	η = 0.3	**CUMPLE η = 7.2**
N360/N361	η = 4.0	η = 0.9	x: 1.304 m η = 1.3	x: 1.304 m η = 6.0	x: 0.05 m η = 0.5	η = 0.6	η < 0.1	η < 0.1	x: 1.304 m η = 11.3	η < 0.1	η = 2.5	x: 0.05 m η = 0.4	η = 0.4	**CUMPLE η = 11.3**
N361/N362	η = 3.7	η = 0.9	x: 0.678 m η = 1.5	x: 0.051 m η = 6.0	x: 0.051 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 10.9	η < 0.1	η = 3.5	x: 0.051 m η = 0.2	η = 0.2	**CUMPLE η = 10.9**
N362/N363	η = 5.6	η = 1.1	x: 1.304 m η = 3.3	x: 1.304 m η = 4.1	x: 1.304 m η = 0.8	η = 0.8	η < 0.1	η < 0.1	x: 1.304 m η = 13.0	η < 0.1	η = 3.1	x: 1.304 m η = 0.6	η = 0.5	**CUMPLE η = 13.0**
N363/N364	η = 8.3	η = 1.2	x: 0.051 m η = 2.7	x: 0.051 m η = 4.9	x: 0.051 m η = 0.4	η = 0.5	η < 0.1	η < 0.1	x: 0.051 m η = 15.8	η < 0.1	η = 0.4	x: 0.051 m η = 0.3	η = 0.3	**CUMPLE η = 15.8**
N364/N365	η = 6.9	η = 1.4	x: 1.303 m η = 4.6	x: 1.303 m η = 6.4	x: 0.052 m η = 1.1	η = 1.0	η < 0.1	η < 0.1	x: 1.303 m η = 18.0	η < 0.1	η = 1.4	x: 0.052 m η = 0.7	η = 0.6	**CUMPLE η = 18.0**
N365/N366	η = 6.8	η = 1.4	x: 0.052 m η = 4.5	x: 0.052 m η = 6.5	x: 1.303 m η = 1.0	η = 0.8	η < 0.1	η < 0.1	x: 0.052 m η = 17.9	η < 0.1	η = 0.8	x: 1.303 m η = 0.7	η = 0.5	**CUMPLE η = 17.9**
N366/N367	η = 8.7	η = 1.3	x: 1.304 m η = 3.4	x: 1.304 m η = 3.3	x: 1.304 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 1.304 m η = 15.5	η < 0.1	η = 0.7	x: 1.304 m η = 0.5	η = 0.3	**CUMPLE η = 15.5**
N367/N368	η = 6.3	η = 1.4	x: 0.051 m η = 3.5	x: 0.051 m η = 2.5	x: 0.051 m η = 0.8	η = 0.7	η < 0.1	η < 0.1	x: 0.051 m η = 12.2	η < 0.1	η = 4.2	x: 0.051 m η = 0.6	η = 0.4	**CUMPLE η = 12.2**
N368/N369	η = 3.8	η = 1.0	x: 1.302 m η = 1.8	x: 1.304 m η = 5.9	x: 0.051 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 1.304 m η = 11.5	η < 0.1	η = 4.9	x: 0.051 m η = 0.3	η = 0.2	**CUMPLE η = 11.5**
N369/N370	η = 3.6	η = 0.8	x: 0.051 m η = 1.7	x: 0.051 m η = 6.2	x: 1.305 m η = 0.5	η = 0.9	η < 0.1	η < 0.1	x: 0.051 m η = 11.5	η < 0.1	η = 3.3	x: 1.305 m η = 0.4	η = 0.5	**CUMPLE η = 11.5**
N370/N371	η = 3.9	η = 0.5	x: 1.305 m η = 2.8	x: 1.305 m η = 2.9	x: 1.305 m η = 0.5	η = 0.5	η < 0.1	η < 0.1	x: 1.305 m η = 9.6	η < 0.1	η = 4.8	x: 1.305 m η = 0.5	η = 0.3	**CUMPLE η = 9.6**
N371/N372	η = 1.1	η = 0.7	x: 0.05 m η = 3.2	x: 0.05 m η = 1.3	x: 0.05 m η = 0.8	η = 0.3	η < 0.1	η < 0.1	x: 0.05 m η = 5.6	η < 0.1	η = 7.6	x: 0.05 m η = 0.6	η = 0.3	**CUMPLE η = 7.6**
N372/N373	η = 0.4	η = 2.3	x: 1.304 m η = 1.7	x: 1.306 m η = 4.1	x: 0.049 m η = 0.4	η = 0.1	η < 0.1	η < 0.1	x: 1.306 m η = 7.6	η < 0.1	η = 7.7	x: 0.049 m η = 0.3	η = 0.1	**CUMPLE η = 7.7**
N373/N374	η = 0.9	η = 2.8	x: 0.887 m η = 2.0	x: 0.049 m η = 5.4	x: 1.306 m η = 0.3	η = 0.6	η < 0.1	η < 0.1	x: 0.049 m η = 9.5	η < 0.1	η = 6.5	x: 0.049 m η = 0.3	η = 0.3	**CUMPLE η = 9.5**
N374/N375	η = 1.3	η = 2.7	x: 1.225 m η = 5.7	x: 0.049 m η = 2.8	x: 1.225 m η = 1.3	η = 0.5	η < 0.1	η < 0.1	x: 1.225 m η = 8.8	η < 0.1	η = 6.8	x: 1.225 m η = 1.2	η = 0.3	**CUMPLE η = 8.8**
N377/N402	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 1.0	x: 0 m η = 18.3	x: 0 m η = 41.6	η = 13.6	η = 19.9	η < 0.1	η < 0.1	x: 0 m η = 55.8	η < 0.1	η = 0.4	η = 9.2	η = 19.9	**CUMPLE η = 55.8**
N402/N408	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 0.9	x: 0 m η = 14.8	x: 2.55 m η = 24.4	η = 5.6	η = 1.6	η < 0.1	η < 0.1	x: 2.55 m η = 32.0	η < 0.1	η = 0.4	η = 4.2	η = 1.6	**CUMPLE η = 32.0**
N408/N376	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 0.5	x: 0.109 m η = 9.6	x: 0 m η = 24.4	η = 3.0	η = 10.3	η < 0.1	η < 0.1	x: 0 m η = 31.9	η < 0.1	η = 0.4	η = 3.0	η = 10.3	**CUMPLE η = 31.9**
N376/N375	x: 1.909 m η < 0.1	x: 0.091 m η = 0.2	x: 0.091 m η = 8.6	x: 0.091 m η = 1.7	η = 2.9	η < 0.1	η < 0.1	η < 0.1	x: 0.091 m η = 10.6	η < 0.1	η = 1.5	η = 2.4	η < 0.1	**CUMPLE η = 10.6**
N378/N365	x: 1.51 m η = 8.7	x: 0.091 m η = 1.7	x: 0.091 m η = 0.3	x: 0.091 m η = 44.0	η < 0.1	η = 4.3	η < 0.1	η < 0.1	x: 0.091 m η = 52.9	η < 0.1	η = 0.2	η < 0.1	η = 2.6	**CUMPLE η = 52.9**
N354/N379	x: 1.304 m η = 1.5	x: 0.131 m η = 1.7	x: 0.131 m η = 16.1	x: 0.131 m η = 3.0	x: 0.131 m η = 2.9	η = 0.6	η < 0.1	η < 0.1	x: 0.131 m η = 19.8	η < 0.1	η = 15.6	x: 0.131 m η = 2.2	η = 0.3	**CUMPLE η = 19.8**
N379/N380	x: 1.303 m η = 1.3	x: 0.05 m η = 0.9	x: 0.051 m η = 3.0	x: 0.05 m η = 1.9	x: 1.305 m η = 0.4	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 4.9	η < 0.1	η = 16.5	x: 1.305 m η = 0.4	η = 0.3	**CUMPLE η = 16.5**
N380/N381	x: 1.303 m η = 1.2	x: 0.051 m η = 1.3	x: 1.305 m η = 2.6	x: 0.051 m η = 1.4	x: 1.305 m η = 0.8	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 4.3	η < 0.1	η = 3.8	x: 1.305 m η = 0.5	η = 0.1	**CUMPLE η = 4.3**
N381/N382	x: 1.303 m η = 1.0	x: 0.051 m η = 3.0	x: 1.305 m η = 8.9	x: 1.305 m η = 1.4	x: 0.051 m η = 1.6	η = 0.3	η < 0.1	η < 0.1	x: 1.305 m η = 13.0	η < 0.1	η = 4.2	x: 0.051 m η = 0.9	η = 0.2	**CUMPLE η = 13.0**
N382/N383	x: 1.302 m η = 7.9	x: 0.051 m η = 0.7	x: 0.051 m η = 15.6	x: 0.051 m η = 2.6	x: 0.051 m η = 2.6	η = 0.4	η < 0.1	η < 0.1	x: 0.051 m η = 26.0	η < 0.1	η = 13.3	x: 0.051 m η = 1.8	η = 0.4	**CUMPLE η = 26.0**
N383/N384	x: 1.302 m η = 8.3	x: 0.052 m η = 0.7	x: 0.261 m η = 2.9	x: 1.304 m η = 1.8	x: 1.304 m η = 0.4	η = 0.5	η < 0.1	η < 0.1	x: 0.052 m η = 12.2	η < 0.1	η = 15.2	x: 1.304 m η = 0.4	η = 0.4	**CUMPLE η = 15.2**
N384/N385	x: 1.301 m η = 6.3	x: 0.052 m η = 0.5	x: 0.052 m η = 2.1	x: 0.052 m η = 1.6	x: 1.303 m η = 0.7	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 10.1	η < 0.1	η = 15.1	x: 1.303 m η = 0.5	η = 0.2	**CUMPLE η = 15.1**
N385/N386	x: 1.301 m η = 3.7	x: 0.053 m η = 0.5	x: 1.303 m η = 4.4	x: 1.303 m η = 1.7	x: 1.303 m η = 0.9	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 9.7	η < 0.1	η = 15.0	x: 0.053 m η = 0.5	η = 0.2	**CUMPLE η = 15.0**
N386/N387	x: 1.3 m η = 12.2	x: 0.053 m η = 2.0	x: 0.053 m η = 14.2	x: 0.053 m η = 3.5	x: 0.053 m η = 2.3	η = 0.7	η < 0.1	η < 0.1	x: 0.053 m η = 29.9	η < 0.1	η = 18.8	x: 0.053 m η = 1.7	η = 0.5	**CUMPLE η = 29.9**
N387/N378	x: 1.313 m η = 13.6	x: 0.054 m η = 2.1	x: 1.315 m η = 4.4	x: 1.315 m η = 3.9	x: 0.054 m η = 0.6	η = 0.7	η < 0.1	η < 0.1	x: 1.315 m η = 22.0	η < 0.1	η = 20.0	x: 0.054 m η = 0.4	η = 0.5	**CUMPLE η = 22.0**
N376/N396	x: 1.304 m η = 8.4	x: 0.131 m η = 2.4	x: 0.131 m η = 17.3	x: 0.131 m η = 2.6	x: 1.306 m η = 3.1	η = 0.5	η < 0.1	η < 0.1	x: 0.131 m η = 28.2	η < 0.1	η = 15.9	x: 1.306 m η = 2.5	η < 0.1	**CUMPLE η = 28.2**
N396/N395	x: 1.303 m η = 7.3	x: 0.05 m η = 1.9	x: 0.05 m η = 3.3	x: 1.305 m η = 1.6	x: 0.05 m η = 0.9	η = 0.5	η < 0.1	η < 0.1	x: 0.05 m η = 12.1	η < 0.1	η = 17.1	x: 0.05 m η = 0.8	η < 0.1	**CUMPLE η = 17.1**
N395/N394	x: 1.303 m η = 4.5	x: 0.051 m η = 1.2	x: 0.051 m η = 3.2	x: 0.051 m η = 1.5	x: 1.305 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 0.051 m η = 8.3	η < 0.1	η = 4.7	x: 1.305 m η = 0.4	η = 0.2	**CUMPLE η = 8.3**
N394/N393	x: 1.303 m η = 1.7	x: 0.051 m η = 1.1	x: 1.305 m η = 11.8	x: 1.305 m η = 1.2	x: 1.305 m η = 2.1	η = 0.2	η < 0.1	η < 0.1	x: 1.305 m η = 14.2	η < 0.1	η = 4.7	x: 1.305 m η = 1.6	η = 0.2	**CUMPLE η = 14.2**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N393/N392	x: 1.302 m η = 11.7	x: 0.051 m η = 2.2	x: 0.051 m η = 4.8	x: 0.051 m η = 3.0	x: 0.051 m η = 1.0	η = 0.5	η < 0.1	η < 0.1	x: 0.051 m η = 17.1	η < 0.1	η = 18.5	x: 1.304 m η = 0.6	η = 0.4	**CUMPLE η = 18.5**
N392/N391	x: 1.302 m η = 11.5	x: 0.052 m η = 1.9	x: 1.304 m η = 1.8	x: 1.304 m η = 2.2	x: 0.052 m η = 0.5	η = 0.6	η < 0.1	η < 0.1	x: 1.304 m η = 15.5	η < 0.1	η = 19.6	x: 0.052 m η = 0.4	η = 0.5	**CUMPLE η = 19.6**
N391/N390	x: 1.301 m η = 9.0	x: 0.052 m η = 1.5	x: 0.053 m η = 2.5	x: 0.052 m η = 1.5	x: 1.303 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 0.052 m η = 13.0	η < 0.1	η = 12.6	x: 1.303 m η = 0.4	η = 0.1	**CUMPLE η = 13.0**
N390/N389	x: 1.301 m η = 6.5	x: 0.053 m η = 1.5	x: 1.303 m η = 9.6	x: 1.303 m η = 1.6	x: 1.303 m η = 1.7	η = 0.3	η < 0.1	η < 0.1	x: 1.303 m η = 17.7	η < 0.1	η = 11.7	x: 1.303 m η = 1.3	η = 0.1	**CUMPLE η = 17.7**
N389/N388	x: 1.3 m η = 12.4	x: 0.053 m η = 2.0	x: 0.053 m η = 3.2	x: 0.053 m η = 3.2	x: 0.053 m η = 0.7	η = 0.6	η < 0.1	η < 0.1	x: 0.053 m η = 16.4	η < 0.1	η = 16.8	x: 0.053 m η = 0.3	η = 0.5	**CUMPLE η = 16.8**
N388/N378	x: 1.313 m η = 13.6	x: 0.054 m η = 2.1	x: 1.315 m η = 4.4	x: 1.315 m η = 3.7	x: 0.054 m η = 0.9	η = 0.6	η < 0.1	η < 0.1	x: 1.315 m η = 21.7	η < 0.1	η = 18.7	x: 0.054 m η = 0.6	η = 0.5	**CUMPLE η = 21.7**
N386/N363	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 10.0	x: 0.091 m η = 5.2	x: 0.091 m η = 29.1	η = 0.6	η = 2.8	η < 0.1	η < 0.1	x: 0.091 m η = 44.3	η < 0.1	η = 0.4	η = 0.3	η = 1.6	**CUMPLE η = 44.3**
N387/N364	x: 1.55 m η = 3.0	N_{Ed} = 0.00 N.P.(4)	x: 0.091 m η = 5.1	x: 0.091 m η = 5.7	η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 13.7	η < 0.1	η = 2.4	η = 0.4	η = 0.3	**CUMPLE η = 13.7**
N385/N362	x: 1.63 m η = 0.2	x: 0.091 m η = 6.6	x: 1.63 m η = 2.6	x: 1.63 m η = 4.9	η = 0.3	η = 0.5	η < 0.1	η < 0.1	x: 1.63 m η = 13.9	η < 0.1	η = 1.0	η = 0.2	η = 0.3	**CUMPLE η = 13.9**
N384/N361	x: 1.67 m η = 1.1	x: 0.091 m η = 0.9	x: 0.091 m η = 0.8	x: 0.091 m η = 27.7	η = 0.1	η = 2.2	η < 0.1	η < 0.1	x: 0.091 m η = 29.2	η < 0.1	η = 1.9	η < 0.1	η = 1.4	**CUMPLE η = 29.2**
N383/N360	x: 1.71 m η = 1.0	x: 0.091 m η = 0.8	x: 0.091 m η = 2.5	x: 0.091 m η = 6.2	η = 0.3	η = 0.2	η < 0.1	η < 0.1	x: 0.091 m η = 9.5	η < 0.1	η = 3.4	η = 0.2	η = 0.2	**CUMPLE η = 9.5**
N379/N356	x: 1.87 m η = 1.3	N_{Ed} = 0.00 N.P.(4)	x: 0.091 m η = 2.5	x: 0.091 m η = 5.1	η = 0.2	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 8.1	η < 0.1	η = 5.7	η = 0.2	η = 0.2	**CUMPLE η = 8.1**
N380/N357	x: 1.83 m η = 2.5	x: 0.091 m η = 1.6	x: 0.091 m η = 0.5	x: 0.091 m η = 17.4	η < 0.1	η = 1.2	η < 0.1	η < 0.1	x: 0.091 m η = 20.3	η < 0.1	η = 4.7	η < 0.1	η = 0.7	**CUMPLE η = 20.3**
N381/N358	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 4.4	x: 1.79 m η = 1.7	x: 1.79 m η = 4.9	η = 0.2	η = 0.2	η < 0.1	η < 0.1	x: 1.79 m η = 10.8	η < 0.1	η = 3.4	η = 0.1	η = 0.1	**CUMPLE η = 10.8**
N382/N359	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 8.2	x: 0.091 m η = 6.6	x: 0.091 m η = 12.8	η = 0.7	η = 1.1	η < 0.1	η < 0.1	x: 0.091 m η = 23.5	η < 0.1	η = 2.9	η = 0.4	η = 0.8	**CUMPLE η = 23.5**
N389/N367	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 9.6	x: 0.091 m η = 1.7	x: 0.091 m η = 23.3	η = 0.2	η = 2.4	η < 0.1	η < 0.1	x: 0.091 m η = 34.4	η < 0.1	η = 0.5	η < 0.1	η = 1.5	**CUMPLE η = 34.4**
N388/N366	x: 1.55 m η = 5.0	x: 0.091 m η = 0.4	x: 0.091 m η = 3.9	x: 0.091 m η = 6.5	η = 0.5	η = 0.5	η < 0.1	η < 0.1	x: 0.091 m η = 15.2	η < 0.1	η = 2.3	η = 0.3	η = 0.3	**CUMPLE η = 15.2**
N390/N368	x: 1.63 m η = 0.9	x: 0.091 m η = 8.5	x: 0.091 m η = 4.2	x: 1.63 m η = 5.6	η = 0.5	η = 0.4	η < 0.1	η < 0.1	x: 1.63 m η = 17.7	η < 0.1	η = 0.2	η = 0.4	η = 0.2	**CUMPLE η = 17.7**
N391/N369	x: 1.67 m η = 0.1	x: 0.091 m η = 1.1	x: 0.091 m η = 0.8	x: 0.091 m η = 30.3	η = 0.1	η = 2.4	η < 0.1	η < 0.1	x: 0.091 m η = 32.1	η < 0.1	η = 3.0	η = 0.1	η = 1.5	**CUMPLE η = 32.1**
N392/N370	x: 1.71 m η = 1.4	N_{Ed} = 0.00 N.P.(4)	x: 0.091 m η = 0.6	x: 0.091 m η = 5.5	η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 6.5	η < 0.1	η = 4.4	η < 0.1	η = 0.2	**CUMPLE η = 6.5**
N395/N373	x: 1.83 m η = 1.3	x: 0.091 m η = 4.3	x: 1.83 m η = 1.9	x: 0.091 m η = 20.2	η = 0.2	η = 1.4	η < 0.1	η < 0.1	x: 0.091 m η = 26.3	η < 0.1	η = 4.4	η = 0.1	η = 0.8	**CUMPLE η = 26.3**
N394/N372	x: 1.79 m η = 1.7	x: 0.091 m η = 10.8	x: 0.091 m η = 5.4	x: 1.79 m η = 4.7	η = 0.6	η = 0.3	η < 0.1	η < 0.1	x: 1.79 m η = 20.1	η < 0.1	η = 2.9	η = 0.4	η = 0.2	**CUMPLE η = 20.1**
N393/N371	N_{Ed} = 0.00 N.P.(1)	x: 0.091 m η = 11.6	x: 0.091 m η = 1.8	x: 0.091 m η = 17.4	η = 0.1	η = 1.7	η < 0.1	η < 0.1	x: 0.091 m η = 29.7	η < 0.1	η = 2.9	η < 0.1	η = 1.1	**CUMPLE η = 29.7**
N396/N374	x: 1.87 m η = 2.0	N_{Ed} = 0.00 N.P.(4)	x: 0.091 m η = 1.6	x: 0.091 m η = 5.7	η = 0.1	η = 0.3	η < 0.1	η < 0.1	x: 0.091 m η = 7.8	η < 0.1	η = 5.5	η < 0.1	η = 0.2	**CUMPLE η = 7.8**
N387/N365	x: 2.01 m η = 0.7	x: 0.12 m η = 5.4	x: 0.498 m η = 1.6	x: 2.01 m η = 6.0	x: 2.01 m η = 0.4	η = 0.5	η < 0.1	η < 0.1	x: 2.01 m η = 12.4	η < 0.1	η = 1.6	x: 2.01 m η = 0.4	η = 0.3	**CUMPLE η = 12.4**
N386/N364	N_{Ed} = 0.00 N.P.(1)	x: 0.119 m η = 5.5	x: 0.119 m η = 4.7	x: 0.119 m η = 19.1	x: 0.119 m η = 0.6	η = 1.4	η < 0.1	η < 0.1	x: 0.119 m η = 29.2	η < 0.1	η = 2.7	x: 0.119 m η = 0.4	η = 0.8	**CUMPLE η = 29.2**
N385/N363	x: 2.075 m η = 11.0	x: 0.118 m η = 0.2	x: 0.118 m η = 1.8	x: 2.075 m η = 3.8	x: 0.118 m η = 0.4	η = 0.4	η < 0.1	η < 0.1	x: 0.118 m η = 16.3	η < 0.1	η = 0.3	x: 0.118 m η = 0.3	η = 0.1	**CUMPLE η = 16.3**
N384/N362	x: 2.107 m η = 8.3	x: 0.117 m η = 0.9	x: 0.117 m η = 1.9	x: 0.117 m η = 17.8	x: 0.117 m η = 0.4	η = 1.2	η < 0.1	η < 0.1	x: 0.117 m η = 27.9	η < 0.1	η = 3.5	x: 0.117 m η = 0.3	η = 0.7	**CUMPLE η = 27.9**
N383/N361	x: 2.14 m η = 0.3	x: 0.116 m η = 1.9	x: 2.14 m η = 1.3	x: 2.14 m η = 3.9	x: 2.14 m η = 0.4	η = 0.3	η < 0.1	η < 0.1	x: 2.14 m η = 6.4	η < 0.1	η = 2.2	x: 2.14 m η = 0.3	η = 0.2	**CUMPLE η = 6.4**
N382/N360	N_{Ed} = 0.00 N.P.(1)	x: 0.115 m η = 1.9	x: 0.115 m η = 5.8	x: 0.115 m η = 10.5	x: 0.115 m η = 0.7	η = 0.6	η < 0.1	η < 0.1	x: 0.115 m η = 15.9	η < 0.1	η = 0.7	x: 2.173 m η = 0.4	η = 0.4	**CUMPLE η = 15.9**
N381/N359	x: 2.206 m η = 8.7	N_{Ed} = 0.00 N.P.(4)	x: 0.114 m η = 1.3	x: 2.206 m η = 2.8	x: 0.114 m η = 0.3	η = 0.1	η < 0.1	η < 0.1	x: 0.114 m η = 10.9	η < 0.1	η = 1.9	x: 0.114 m η = 0.3	η = 0.1	**CUMPLE η = 10.9**
N380/N358	x: 2.239 m η = 5.1	x: 0.113 m η = 0.2	x: 0.113 m η = 1.6	x: 0.113 m η = 7.1	x: 0.113 m η = 0.3	η = 0.6	η < 0.1	η < 0.1	x: 0.113 m η = 13.6	η < 0.1	η = 3.6	x: 0.113 m η = 0.3	η = 0.4	**CUMPLE η = 13.6**
N379/N357	x: 2.273 m η = 1.1	x: 0.112 m η = 3.6	x: 2.273 m η = 1.9	x: 0.112 m η = 4.5	x: 2.273 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 9.0	η < 0.1	η = 2.8	x: 2.273 m η = 0.4	η = 0.1	**CUMPLE η = 9.0**
N354/N356	N_{Ed} = 0.00 N.P.(1)	x: 0.232 m η = 3.2	x: 0.232 m η = 5.3	x: 0.232 m η = 10.0	x: 0.232 m η = 0.6	η = 0.4	η < 0.1	η < 0.1	x: 0.232 m η = 18.1	η < 0.1	η = 1.9	x: 0.232 m η = 0.5	η = 0.2	**CUMPLE η = 18.1**
N388/N365	x: 2.01 m η = 0.5	x: 0.12 m η = 4.9	x: 0.876 m η = 1.0	x: 2.01 m η = 5.9	x: 2.01 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 2.01 m η = 11.3	η < 0.1	η = 1.7	x: 2.01 m η = 0.3	η = 0.3	**CUMPLE η = 11.3**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N389/N366	N_{Ed} = 0.00 N.P.(1)	x: 0.119 m η = 7.8	x: 2.042 m η = 1.7	x: 0.119 m η = 16.0	x: 2.042 m η = 0.4	η = 1.2	η < 0.1	η < 0.1	x: 0.119 m η = 24.1	η < 0.1	η = 1.8	x: 2.042 m η = 0.3	η = 0.8	**CUMPLE η = 24.1**
N390/N367	x: 2.075 m η = 10.3	x: 0.118 m η < 0.1	x: 0.118 m η = 3.2	x: 0.118 m η = 3.3	x: 0.118 m η = 0.5	η = 0.3	η < 0.1	η < 0.1	x: 0.118 m η = 16.7	η < 0.1	η = 0.4	x: 0.118 m η = 0.4	η = 0.2	**CUMPLE η = 16.7**
N391/N368	x: 2.107 m η = 10.5	x: 0.117 m η = 1.7	x: 0.117 m η = 1.7	x: 0.117 m η = 17.1	x: 0.117 m η = 0.4	η = 1.2	η < 0.1	η < 0.1	x: 0.117 m η = 29.1	η < 0.1	η = 4.3	x: 0.117 m η = 0.3	η = 0.8	**CUMPLE η = 29.1**
N392/N369	x: 2.14 m η = 1.1	x: 0.116 m η = 1.1	x: 2.14 m η = 1.1	x: 0.116 m η = 4.4	x: 2.14 m η = 0.3	η = 0.4	η < 0.1	η < 0.1	x: 0.116 m η = 6.2	η < 0.1	η = 2.5	x: 0.116 m η = 0.3	η = 0.2	**CUMPLE η = 6.2**
N393/N370	N_{Ed} = 0.00 N.P.(1)	x: 0.115 m η = 2.5	x: 0.115 m η = 2.0	x: 0.115 m η = 15.6	x: 2.173 m η = 0.4	η = 1.0	η < 0.1	η < 0.1	x: 0.115 m η = 17.3	η < 0.1	η = 0.5	x: 2.173 m η = 0.3	η = 0.6	**CUMPLE η = 17.3**
N394/N371	x: 2.206 m η = 12.5	x: 0.114 m η = 0.8	x: 0.114 m η = 4.1	x: 2.206 m η = 4.1	x: 0.114 m η = 0.5	η = 0.2	η < 0.1	η < 0.1	x: 2.206 m η = 18.2	η < 0.1	η = 1.4	x: 0.114 m η = 0.4	η = 0.1	**CUMPLE η = 18.2**
N395/N372	x: 2.239 m η = 12.8	x: 0.113 m η = 2.8	x: 0.113 m η = 2.1	x: 0.113 m η = 9.8	x: 0.113 m η = 0.4	η = 0.8	η < 0.1	η < 0.1	x: 0.113 m η = 24.6	η < 0.1	η = 3.7	x: 0.113 m η = 0.3	η = 0.5	**CUMPLE η = 24.6**
N396/N373	x: 2.273 m η = 4.6	x: 0.112 m η = 2.4	x: 0.112 m η = 2.7	x: 0.112 m η = 4.0	x: 0.112 m η = 0.4	η = 0.2	η < 0.1	η < 0.1	x: 0.112 m η = 11.1	η < 0.1	η = 2.8	x: 0.112 m η = 0.4	η < 0.1	**CUMPLE η = 11.1**
N376/N374	N_{Ed} = 0.00 N.P.(1)	x: 0.232 m η = 2.1	x: 0.232 m η = 4.8	x: 0.232 m η = 10.2	x: 2.307 m η = 0.7	η = 0.5	η < 0.1	η < 0.1	x: 0.232 m η = 15.3	η < 0.1	η = 2.0	x: 2.307 m η = 0.6	η = 0.2	**CUMPLE η = 15.3**
N378/N334	η = 0.2	η = 0.1	x: 0.05 m η = 51.4	x: 5.432 m η = 0.6	x: 0.05 m η = 11.0	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 51.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 51.4**
N334/N290	η = 2.0	η = 8.5	x: 5.45 m η = 75.4	x: 5.45 m η = 6.6	x: 5.45 m η = 14.5	η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 85.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.3**
N290/N246	η = 2.0	η = 8.3	x: 5.45 m η = 87.0	x: 5.45 m η = 1.2	x: 5.45 m η = 13.9	η < 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 93.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 93.0**
N246/N202	η = 2.0	η = 8.2	x: 0.05 m η = 86.8	x: 5.45 m η = 1.2	x: 0.05 m η = 13.8	η < 0.1	η < 0.1	x: 0.05 m η < 0.1	x: 0.05 m η = 93.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 93.0**
N202/N158	η = 2.0	η = 8.0	x: 0.05 m η = 84.8	x: 0.05 m η = 1.2	x: 0.05 m η = 13.7	η < 0.1	η < 0.1	x: 0.05 m η < 0.1	x: 0.05 m η = 90.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 90.7**
N158/N114	η = 2.0	η = 7.9	x: 0.05 m η = 85.0	x: 5.45 m η = 1.1	x: 0.05 m η = 13.8	η < 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 91.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.0**
N114/N70	η = 2.0	η = 7.8	x: 5.432 m η = 87.7	x: 5.432 m η = 3.0	x: 5.432 m η = 13.9	η = 0.1	η < 0.1	η < 0.1	x: 5.432 m η = 94.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 94.9**
N70/N5	η = 0.1	η = 0.5	x: 3.297 m η = 69.2	x: 0.068 m η = 0.4	x: 5.45 m η = 8.9	η < 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 69.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 69.6**
N376/N332	η = 13.1	N_{Ed} = 0.00 N.P.(4)	x: 5.45 m η = 38.7	x: 5.45 m η = 4.2	x: 5.45 m η = 6.3	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 37.7	η < 0.1	η = 0.4	x: 5.45 m η = 4.1	η < 0.1	**CUMPLE η = 38.7**
N332/N288	η = 15.5	η = 0.3	x: 5.45 m η = 49.4	x: 0.05 m η = 7.4	x: 5.45 m η = 7.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 47.4	η < 0.1	η = 0.3	x: 0.05 m η = 4.6	η = 0.1	**CUMPLE η = 49.4**
N288/N244	η = 15.6	η = 0.8	x: 5.45 m η = 48.9	x: 0.05 m η = 3.3	x: 5.45 m η = 7.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 42.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 48.9**
N244/N200	η = 15.6	η = 1.2	x: 5.45 m η = 49.8	x: 0.05 m η = 3.1	x: 5.45 m η = 7.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 44.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 49.8**
N200/N156	η = 15.7	η = 1.5	x: 5.45 m η = 50.9	x: 0.05 m η = 3.4	x: 5.45 m η = 7.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 44.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 50.9**
N156/N112	η = 16.1	η = 1.9	x: 5.45 m η = 51.7	x: 0.05 m η = 3.0	x: 5.45 m η = 7.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 45.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 51.7**
N112/N68	η = 16.4	η = 2.1	x: 5.45 m η = 51.6	x: 0.05 m η = 3.0	x: 5.45 m η = 7.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 46.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 51.6**
N68/N8	η = 14.3	η = 2.7	x: 0.05 m η = 30.7	x: 0.05 m η = 3.9	x: 0.05 m η = 5.8	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 28.5	η < 0.1	η = 0.3	x: 0.05 m η = 0.6	x: 0.05 m η = 0.1	**CUMPLE η = 30.7**
N395/N351	η = 0.1	η < 0.1	x: 2.472 m η = 42.2	x: 5.432 m η = 2.9	x: 0.05 m η = 9.7	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.472 m η = 42.6	η < 0.1	η = 1.3	x: 0.05 m η = 5.3	η < 0.1	**CUMPLE η = 42.6**
N351/N307	η = 7.2	η = 0.2	x: 0.068 m η = 84.9	x: 0.068 m η = 8.2	x: 0.068 m η = 13.9	x: 0.068 m η = 0.2	η < 0.1	η < 0.1	x: 0.068 m η = 90.7	η < 0.1	η = 0.3	x: 0.068 m η = 7.4	η = 0.2	**CUMPLE η = 90.7**
N307/N263	η = 7.2	η = 0.2	x: 5.45 m η = 86.3	x: 0.05 m η = 4.0	x: 5.45 m η = 13.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 84.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.3**
N263/N219	η = 7.3	η = 0.2	x: 0.05 m η = 85.4	x: 0.05 m η = 4.0	x: 0.05 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 84.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.4**
N219/N175	η = 7.3	η = 0.2	x: 5.45 m η = 85.5	x: 0.05 m η = 3.9	x: 5.45 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 83.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.5**
N175/N131	η = 7.3	η = 0.2	x: 0.05 m η = 85.1	x: 0.05 m η = 3.8	x: 0.05 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 84.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.1**
N131/N87	η = 7.3	η = 0.3	x: 5.432 m η = 99.9	x: 0.05 m η = 3.4	x: 5.432 m η = 14.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 100.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 100.0**
N87/N38	η < 0.1	η = 0.1	x: 3.297 m η = 52.8	x: 0.068 m η = 2.6	x: 5.45 m η = 9.0	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 53.4	η < 0.1	η = 0.5	x: 5.45 m η = 5.0	η < 0.1	**CUMPLE η = 53.4**
N393/N349	η = 0.7	η = 2.5	x: 0.1 m η = 71.4	x: 5.45 m η = 3.4	x: 5.45 m η = 8.4	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 74.2	η < 0.1	η = 1.1	x: 5.45 m η = 4.4	η < 0.1	**CUMPLE η = 74.2**
N349/N305	η = 0.7	η = 2.3	x: 5.45 m η = 86.4	x: 0.05 m η = 7.1	x: 5.45 m η = 14.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 91.2	η < 0.1	η = 0.2	x: 5.45 m η = 5.9	x: 0.05 m η = 0.2	**CUMPLE η = 91.2**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N305/N261	η = 0.7	η = 2.3	x: 5.45 m η = 85.0	x: 0.05 m η = 3.7	x: 5.45 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 86.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.9**
N261/N217	η = 0.7	η = 2.3	x: 0.05 m η = 85.2	x: 0.05 m η = 3.7	x: 0.05 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.9**
N217/N173	η = 0.7	η = 2.3	x: 5.45 m η = 84.7	x: 0.05 m η = 3.7	x: 5.45 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.5**
N173/N129	η = 0.7	η = 2.4	x: 5.45 m η = 85.0	x: 0.05 m η = 3.6	x: 5.45 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 86.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.9**
N129/N85	η = 0.7	η = 2.4	x: 0.05 m η = 86.2	x: 0.05 m η = 3.4	x: 0.05 m η = 13.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 88.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.0**
N85/N42	η = 0.7	η = 2.6	x: 0.05 m η = 69.6	x: 0.05 m η = 3.9	x: 0.05 m η = 12.7	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 73.8	η < 0.1	η = 0.5	x: 0.05 m η = 6.9	η < 0.1	**CUMPLE η = 73.8**
N391/N347	η = 0.2	η < 0.1	x: 0.05 m η = 45.1	x: 5.432 m η = 2.5	x: 0.05 m η = 10.6	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 46.5	η < 0.1	η = 0.8	x: 0.05 m η = 6.0	η < 0.1	**CUMPLE η = 46.5**
N347/N303	η = 0.8	η = 1.9	x: 5.45 m η = 76.7	x: 0.068 m η = 7.8	x: 5.45 m η = 14.2	x: 0.068 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 81.4	η < 0.1	η = 0.2	x: 5.45 m η = 5.6	x: 0.068 m η = 0.2	**CUMPLE η = 81.4**
N303/N259	η = 0.8	η = 1.9	x: 5.45 m η = 86.8	x: 0.05 m η = 3.5	x: 5.45 m η = 13.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 88.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.2**
N259/N215	η = 0.8	η = 1.9	x: 0.05 m η = 86.2	x: 0.05 m η = 3.6	x: 0.05 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 88.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.5**
N215/N171	η = 0.8	η = 1.8	x: 5.45 m η = 84.7	x: 0.05 m η = 3.6	x: 5.45 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.0**
N171/N127	η = 0.8	η = 1.7	x: 0.05 m η = 85.1	x: 0.05 m η = 3.5	x: 0.05 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.1**
N127/N83	η = 0.8	η = 1.6	x: 5.432 m η = 91.9	x: 0.05 m η = 3.1	x: 5.432 m η = 14.0	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 94.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 94.9**
N83/N34	η = 0.1	η = 0.3	x: 3.297 m η = 66.5	x: 0.068 m η = 2.1	x: 5.45 m η = 8.8	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 67.3	η < 0.1	η = 0.3	x: 5.45 m η = 4.9	η < 0.1	**CUMPLE η = 67.3**
N389/N345	η = 1.0	η = 4.5	x: 0.1 m η = 65.2	x: 5.45 m η = 1.5	x: 0.1 m η = 5.6	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 68.6	η < 0.1	η = 0.2	x: 0.1 m η = 3.6	η < 0.1	**CUMPLE η = 68.6**
N345/N301	η = 1.5	η = 6.6	x: 5.45 m η = 85.3	x: 0.05 m η = 7.4	x: 5.45 m η = 15.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 93.4	η < 0.1	η = 0.1	x: 5.45 m η = 6.0	x: 0.05 m η = 0.2	**CUMPLE η = 93.4**
N301/N257	η = 1.5	η = 6.6	x: 5.45 m η = 85.7	x: 0.05 m η = 3.5	x: 5.45 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 90.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 90.4**
N257/N213	η = 1.5	η = 6.7	x: 0.05 m η = 85.7	x: 0.05 m η = 3.5	x: 0.05 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 91.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.2**
N213/N169	η = 1.5	η = 6.7	x: 0.05 m η = 84.7	x: 0.05 m η = 3.5	x: 0.05 m η = 13.7	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 90.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 90.4**
N169/N125	η = 1.5	η = 6.8	x: 5.45 m η = 86.2	x: 0.05 m η = 3.3	x: 5.45 m η = 13.8	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 91.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.7**
N125/N81	η = 1.5	η = 6.9	x: 0.05 m η = 87.8	x: 5.45 m η = 3.3	x: 0.05 m η = 14.1	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 93.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 93.4**
N81/N28	η = 1.5	η = 7.1	x: 3.548 m η = 69.3	x: 0.05 m η = 2.5	x: 0.05 m η = 12.6	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 3.548 m η = 75.0	η < 0.1	η = 0.2	x: 0.05 m η = 4.5	x: 0.05 m η = 0.1	**CUMPLE η = 75.0**
N386/N342	η = 1.0	η = 4.6	x: 0.1 m η = 70.8	x: 5.45 m η = 1.2	x: 0.1 m η = 5.8	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 74.4	η < 0.1	η = 0.3	x: 0.1 m η = 3.7	η < 0.1	**CUMPLE η = 74.4**
N342/N298	η = 1.5	η = 6.8	x: 5.45 m η = 86.2	x: 5.45 m η = 7.3	x: 5.45 m η = 15.4	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 95.3	η < 0.1	η = 0.1	x: 5.45 m η = 6.0	x: 5.45 m η = 0.2	**CUMPLE η = 95.3**
N298/N254	η = 1.5	η = 6.8	x: 5.45 m η = 85.5	x: 0.05 m η = 3.4	x: 5.45 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 90.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 90.7**
N254/N210	η = 1.5	η = 6.8	x: 0.05 m η = 85.6	x: 5.45 m η = 3.2	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 92.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 92.2**
N210/N166	η = 1.5	η = 6.9	x: 0.05 m η = 84.7	x: 5.45 m η = 3.2	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 91.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.0**
N166/N122	η = 1.4	η = 7.0	x: 5.45 m η = 86.6	x: 5.45 m η = 3.3	x: 5.45 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 91.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.6**
N122/N78	η = 1.4	η = 7.1	x: 0.05 m η = 88.1	x: 0.05 m η = 4.7	x: 0.05 m η = 14.1	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 95.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 95.9**
N78/N16	η = 1.5	η = 7.3	x: 3.548 m η = 69.5	x: 5.432 m η = 2.5	x: 0.05 m η = 12.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 3.548 m η = 75.5	η < 0.1	η = 0.2	x: 0.05 m η = 4.5	x: 0.05 m η = 0.1	**CUMPLE η = 75.5**
N384/N340	η = 0.2	η < 0.1	x: 2.741 m η = 45.4	x: 0.319 m η = 1.9	x: 0.05 m η = 10.6	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.741 m η = 46.0	η < 0.1	η = 0.8	x: 0.05 m η = 6.0	η < 0.1	**CUMPLE η = 46.0**
N340/N296	η = 0.8	η = 1.9	x: 5.45 m η = 77.3	x: 5.45 m η = 7.5	x: 5.45 m η = 14.2	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 83.1	η < 0.1	η = 0.2	x: 5.45 m η = 5.6	x: 5.45 m η = 0.2	**CUMPLE η = 83.1**
N296/N252	η = 0.8	η = 1.9	x: 5.45 m η = 86.7	x: 0.05 m η = 3.5	x: 5.45 m η = 13.9	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 88.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.5**
N252/N208	η = 0.8	η = 1.8	x: 0.05 m η = 86.2	x: 0.05 m η = 3.3	x: 0.05 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 89.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 89.4**
N208/N164	η = 0.8	η = 1.8	x: 5.45 m η = 84.6	x: 5.45 m η = 3.1	x: 5.45 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.5**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N164/N120	η = 0.8	η = 1.7	x: 0.05 m η = 85.1	x: 5.45 m η = 3.1	x: 0.05 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 88.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.0**
N120/N76	η = 0.8	η = 1.6	x: 5.432 m η = 90.9	x: 0.05 m η = 5.2	x: 5.432 m η = 14.0	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 93.8	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 93.8**
N76/N12	η = 0.1	η = 0.3	x: 3.297 m η = 67.0	x: 0.068 m η = 2.0	x: 5.45 m η = 8.8	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 67.9	η < 0.1	η = 0.3	x: 5.45 m η = 4.9	η < 0.1	**CUMPLE η = 67.9**
N382/N338	η = 0.8	η = 2.0	x: 0.1 m η = 48.6	x: 5.45 m η = 3.0	x: 5.45 m η = 9.2	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.1 m η = 50.6	η < 0.1	η = 1.2	x: 5.45 m η = 4.6	η < 0.1	**CUMPLE η = 50.6**
N338/N294	η = 0.7	η = 1.8	x: 5.45 m η = 85.8	x: 5.45 m η = 7.5	x: 5.45 m η = 14.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 91.4	η < 0.1	η = 0.2	x: 5.45 m η = 6.0	x: 5.45 m η = 0.2	**CUMPLE η = 91.4**
N294/N250	η = 0.7	η = 1.8	x: 5.45 m η = 85.0	x: 0.05 m η = 4.0	x: 5.45 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.6**
N250/N206	η = 0.7	η = 1.8	x: 0.05 m η = 85.4	x: 0.05 m η = 3.6	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 88.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 88.6**
N206/N162	η = 0.7	η = 1.8	x: 0.05 m η = 84.7	x: 0.05 m η = 3.0	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.6**
N162/N118	η = 0.7	η = 1.8	x: 5.45 m η = 85.3	x: 0.05 m η = 3.2	x: 5.45 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 87.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.2**
N118/N74	η = 0.7	η = 1.9	x: 0.05 m η = 86.8	x: 0.05 m η = 5.7	x: 0.05 m η = 13.9	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 91.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 91.4**
N74/N20	η = 0.7	η = 2.0	x: 0.05 m η = 68.6	x: 0.05 m η = 3.7	x: 0.05 m η = 12.7	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 72.2	η < 0.1	η = 0.5	x: 0.05 m η = 7.0	η < 0.1	**CUMPLE η = 72.2**
N380/N336	η = 0.1	η = 0.1	x: 2.472 m η = 46.0	x: 5.432 m η = 2.6	x: 0.05 m η = 9.5	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 2.203 m η = 46.8	η < 0.1	η = 1.3	x: 0.05 m η = 5.3	η < 0.1	**CUMPLE η = 46.8**
N336/N292	η = 3.1	η = 0.7	x: 0.068 m η = 87.0	x: 5.45 m η = 7.3	x: 0.068 m η = 14.0	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.068 m η = 85.9	η < 0.1	η = 0.3	x: 0.068 m η = 7.4	η = 0.1	**CUMPLE η = 87.0**
N292/N248	η = 3.1	η = 0.7	x: 5.45 m η = 85.4	x: 0.05 m η = 4.2	x: 5.45 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 5.45 m η = 81.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 85.4**
N248/N204	η = 3.2	η = 0.7	x: 0.05 m η = 86.3	x: 0.05 m η = 3.8	x: 0.05 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 84.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.3**
N204/N160	η = 3.2	η = 0.7	x: 0.05 m η = 84.9	x: 0.05 m η = 2.9	x: 0.05 m η = 13.7	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 82.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 84.9**
N160/N116	η = 3.2	η = 0.7	x: 0.05 m η = 86.0	x: 0.05 m η = 3.0	x: 0.05 m η = 13.8	x: 5.45 m η = 0.2	η < 0.1	η < 0.1	x: 0.05 m η = 83.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 86.0**
N116/N72	η = 3.3	η = 0.6	x: 5.432 m η = 99.3	x: 0.05 m η = 5.2	x: 5.432 m η = 14.3	x: 0.05 m η = 0.2	η < 0.1	η < 0.1	x: 5.432 m η = 96.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 99.3**
N72/N24	η < 0.1	η = 0.1	x: 3.297 m η = 55.3	x: 0.068 m η = 2.3	x: 5.45 m η = 8.8	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 3.297 m η = 56.0	η < 0.1	η = 0.6	x: 5.45 m η = 4.9	η < 0.1	**CUMPLE η = 56.0**
N354/N310	η = 8.4	η = 0.7	x: 5.45 m η = 41.4	x: 5.45 m η = 1.8	x: 5.45 m η = 6.4	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 5.45 m η = 36.7	η < 0.1	η = 0.8	x: 5.45 m η = 4.2	η < 0.1	**CUMPLE η = 41.4**
N310/N266	η = 8.3	η = 1.3	x: 0.05 m η = 53.4	x: 5.45 m η = 6.0	x: 0.05 m η = 7.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.7	η < 0.1	η = 0.1	x: 5.45 m η = 2.9	x: 5.45 m η = 0.1	**CUMPLE η = 53.4**
N266/N222	η = 8.1	η = 1.8	x: 0.05 m η = 54.3	x: 0.05 m η = 3.9	x: 0.05 m η = 8.0	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 43.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 54.3**
N222/N178	η = 7.9	η = 2.3	x: 0.05 m η = 53.7	x: 0.05 m η = 2.6	x: 0.05 m η = 7.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 53.7**
N178/N134	η = 7.7	η = 2.8	x: 0.05 m η = 52.8	x: 0.05 m η = 1.9	x: 0.05 m η = 7.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 52.8**
N134/N90	η = 7.5	η = 3.3	x: 0.05 m η = 52.2	x: 0.05 m η = 2.0	x: 0.05 m η = 7.9	x: 5.45 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 40.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 52.2**
N90/N46	η = 7.3	η = 3.9	x: 0.05 m η = 51.4	x: 0.05 m η = 4.1	x: 0.05 m η = 7.8	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 42.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 51.4**
N46/N7	η = 7.1	η = 4.4	x: 0.05 m η = 47.0	x: 0.05 m η = 2.1	x: 0.05 m η = 6.9	x: 0.05 m η = 0.1	η < 0.1	η < 0.1	x: 0.05 m η = 36.3	η < 0.1	η = 0.3	x: 0.05 m η = 3.7	η < 0.1	**CUMPLE η = 47.0**
N353/N400	x: 5.46 m η = 0.1	x: 0 m η = 0.1	x: 5.46 m η = 13.3	x: 5.46 m η = 9.4	x: 5.46 m η = 1.9	x: 5.46 m η = 1.2	x: 0.273 m η < 0.1	x: 0.273 m η < 0.1	x: 5.46 m η = 23.6	x: 0.273 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 23.6**
N400/N399	x: 4.713 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 5.7	x: 0 m η = 2.1	x: 4.715 m η = 1.4	x: 0 m η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 7.8	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 7.8**
N399/N398	x: 5.46 m η = 0.1	x: 0.745 m η = 0.1	x: 0.745 m η = 8.2	x: 0.745 m η = 8.8	x: 0.745 m η = 2.2	x: 0.745 m η = 2.4	η < 0.1	η < 0.1	x: 0.745 m η = 17.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 17.0**
N398/N397	x: 5.46 m η = 0.1	x: 0 m η = 0.1	x: 0 m η = 9.5	x: 0 m η = 7.8	x: 0 m η = 1.7	x: 0 m η = 1.4	η < 0.1	η < 0.1	x: 0 m η = 17.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 17.4**
N397/N377	x: 5.46 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 11.6	x: 0 m η = 4.9	x: 0 m η = 1.7	x: 0 m η = 0.8	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 16.6	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 16.6**
N401/N406	η = 5.3	η = 1.9	x: 5.42 m η = 22.6	x: 5.42 m η = 35.7	x: 5.42 m η = 3.7	x: 5.42 m η = 6.2	η < 0.1	η < 0.1	x: 5.42 m η = 62.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 62.2**
N406/N405	η = 6.1	η = 2.2	x: 0 m η = 22.6	x: 0 m η = 35.7	x: 0 m η = 3.3	x: 0 m η = 5.3	η < 0.1	η < 0.1	x: 0 m η = 62.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 62.9**
N405/N404	η = 6.8	η = 2.6	x: 0 m η = 16.6	x: 0 m η = 33.2	x: 0 m η = 3.0	x: 0 m η = 5.2	η < 0.1	η < 0.1	x: 0 m η = 56.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 56.6**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N404/N403	η = 8.4	η = 3.3	x: 5.42 m η = 18.0	x: 5.42 m η = 27.3	x: 5.42 m η = 2.7	x: 0 m η = 4.1	η < 0.1	η < 0.1	x: 5.42 m η = 53.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 53.7**
N403/N402	η = 10.8	η = 4.4	x: 0 m η = 18.0	x: 0 m η = 27.3	x: 0 m η = 3.0	x: 0 m η = 4.2	η < 0.1	η < 0.1	x: 0 m η = 56.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 56.2**
N407/N412	η = 2.7	η = 0.1	x: 5.42 m η = 16.0	x: 5.42 m η = 20.4	x: 5.42 m η = 2.7	x: 5.42 m η = 3.4	η < 0.1	η < 0.1	x: 5.42 m η = 39.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 39.1**
N412/N411	η = 7.7	η = 1.1	x: 0 m η = 16.0	x: 0 m η = 20.4	x: 0 m η = 2.3	x: 0 m η = 2.9	η < 0.1	η < 0.1	x: 0 m η = 44.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 44.1**
N411/N410	η = 9.5	η = 1.5	x: 0 m η = 12.0	x: 0 m η = 16.5	x: 0 m η = 2.2	x: 0 m η = 2.9	x: 0 m η < 0.1	η < 0.1	x: 0 m η = 38.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 38.1**
N410/N409	η = 7.7	η = 1.2	x: 5.42 m η = 16.0	x: 5.42 m η = 21.4	x: 5.42 m η = 2.3	x: 5.42 m η = 3.0	η < 0.1	η < 0.1	x: 5.42 m η = 45.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 45.0**
N409/N408	η = 5.9	η = 1.3	x: 0 m η = 16.0	x: 0 m η = 21.4	x: 0 m η = 2.7	x: 0 m η = 3.4	η < 0.1	η < 0.1	x: 0 m η = 43.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 43.3**
N376/N351	x: 6.074 m η = 8.8	x: 0.056 m η = 13.3	x: 0.056 m η = 57.9	x: 6.076 m η = 2.3	x: 0.056 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 71.9	η < 0.1	η = 2.1	x: 0.056 m η = 2.9	η < 0.1	**CUMPLE η = 71.9**
N351/N393	x: 6.018 m η = 15.9	x: 0.056 m η = 1.3	x: 6.02 m η = 56.1	x: 0.056 m η = 2.3	x: 6.02 m η = 5.8	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 6.02 m η = 72.4	η < 0.1	η = 1.7	x: 6.02 m η = 3.1	η < 0.1	**CUMPLE η = 72.4**
N393/N347	x: 6.074 m η = 2.8	x: 0.112 m η = 13.7	x: 0.112 m η = 65.0	x: 6.076 m η = 2.3	x: 0.112 m η = 5.9	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 79.6	η < 0.1	η = 1.4	x: 0.112 m η = 3.2	η < 0.1	**CUMPLE η = 79.6**
N347/N389	x: 6.018 m η = 10.9	x: 0.056 m η = 1.2	x: 6.02 m η = 64.5	x: 0.056 m η = 2.3	x: 6.02 m η = 6.0	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 6.02 m η = 75.9	η < 0.1	η = 1.2	x: 6.02 m η = 3.3	η < 0.1	**CUMPLE η = 75.9**
N389/N334	x: 6.074 m η = 1.1	x: 0.112 m η = 4.1	x: 0.112 m η = 67.9	x: 6.076 m η = 2.3	x: 0.112 m η = 6.0	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 71.9	η < 0.1	η = 0.1	x: 0.112 m η = 3.3	η < 0.1	**CUMPLE η = 71.9**
N386/N334	x: 6.074 m η = 3.3	x: 0.112 m η = 9.3	x: 0.112 m η = 70.1	x: 6.076 m η = 2.1	x: 0.112 m η = 6.1	x: 0.112 m η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 80.9	η < 0.1	η = 0.1	x: 0.112 m η = 2.3	x: 0.112 m η = 0.3	**CUMPLE η = 80.9**
N340/N386	x: 6.018 m η = 16.6	x: 0.056 m η = 3.9	x: 6.02 m η = 66.0	x: 0.056 m η = 2.2	x: 6.02 m η = 6.1	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 6.02 m η = 83.1	η < 0.1	η = 1.5	x: 6.02 m η = 3.3	η < 0.1	**CUMPLE η = 83.1**
N382/N340	x: 6.074 m η = 5.5	x: 0.112 m η = 19.3	x: 0.112 m η = 60.8	x: 6.076 m η = 2.1	x: 0.112 m η = 5.8	x: 0.112 m η = 0.3	η < 0.1	η < 0.1	x: 0.112 m η = 81.0	η < 0.1	η = 2.0	x: 0.112 m η = 3.2	η < 0.1	**CUMPLE η = 81.0**
N336/N382	x: 6.018 m η = 23.2	x: 0.056 m η = 3.0	x: 6.02 m η = 50.5	x: 0.056 m η = 2.1	x: 6.02 m η = 5.7	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 6.02 m η = 73.8	η < 0.1	η = 1.6	x: 6.02 m η = 3.1	η < 0.1	**CUMPLE η = 73.8**
N354/N336	x: 6.074 m η = 1.9	x: 0.056 m η = 16.9	x: 0.056 m η = 57.6	x: 6.076 m η = 2.2	x: 0.056 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 75.3	η < 0.1	η = 2.8	x: 0.056 m η = 3.0	η < 0.1	**CUMPLE η = 75.3**
N8/N87	x: 6.074 m η = 7.4	x: 0.056 m η = 16.1	x: 0.056 m η = 60.2	x: 6.076 m η = 2.4	x: 0.056 m η = 5.7	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 77.1	η < 0.1	η = 2.0	x: 0.056 m η = 3.1	η < 0.1	**CUMPLE η = 77.1**
N87/N42	x: 6.074 m η = 19.3	x: 0.056 m η = 7.9	x: 0.056 m η = 53.3	x: 0.056 m η = 2.5	x: 0.056 m η = 5.8	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 74.6	η < 0.1	η = 0.9	x: 0.056 m η = 3.1	η < 0.1	**CUMPLE η = 74.6**
N42/N83	x: 6.074 m η = 6.5	x: 0.056 m η = 15.3	x: 6.076 m η = 51.0	x: 6.076 m η = 2.3	x: 6.076 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 6.076 m η = 67.5	η < 0.1	η = 2.4	x: 6.076 m η = 3.0	η < 0.1	**CUMPLE η = 67.5**
N83/N28	x: 6.074 m η = 13.8	x: 0.056 m η = 5.1	x: 0.056 m η = 49.9	x: 0.056 m η = 2.4	x: 0.056 m η = 5.7	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 65.8	η < 0.1	η = 1.3	x: 0.056 m η = 3.0	η < 0.1	**CUMPLE η = 65.8**
N28/N70	x: 6.074 m η = 2.0	x: 0.056 m η = 4.9	x: 6.076 m η = 49.3	x: 6.076 m η = 2.3	x: 6.076 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 6.076 m η = 53.4	η < 0.1	η = 1.8	x: 6.076 m η = 3.0	η < 0.1	**CUMPLE η = 53.4**
N16/N70	x: 6.074 m η = 2.1	x: 0.056 m η = 6.6	x: 6.076 m η = 49.2	x: 6.076 m η = 2.3	x: 6.076 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 6.076 m η = 56.6	η < 0.1	η = 1.8	x: 6.076 m η = 3.0	η < 0.1	**CUMPLE η = 56.6**
N76/N16	x: 6.074 m η = 17.4	x: 0.056 m η = 5.1	x: 0.056 m η = 49.7	x: 0.056 m η = 2.4	x: 0.056 m η = 5.7	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 69.1	η < 0.1	η = 1.4	x: 0.056 m η = 3.0	η < 0.1	**CUMPLE η = 69.1**
N20/N76	x: 6.074 m η = 6.5	x: 0.056 m η = 18.8	x: 6.076 m η = 50.9	x: 6.076 m η = 2.3	x: 6.076 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 6.076 m η = 70.9	η < 0.1	η = 2.4	x: 6.076 m η = 3.0	η < 0.1	**CUMPLE η = 70.9**
N72/N20	x: 6.074 m η = 21.8	x: 0.056 m η = 8.0	x: 0.056 m η = 53.1	x: 0.056 m η = 2.5	x: 0.056 m η = 5.8	x: 0.056 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 76.7	η < 0.1	η = 0.9	x: 0.056 m η = 3.1	η < 0.1	**CUMPLE η = 76.7**
N7/N72	x: 6.074 m η = 7.1	x: 0.056 m η = 14.9	x: 0.056 m η = 57.4	x: 6.076 m η = 2.4	x: 0.056 m η = 5.6	x: 6.076 m η = 0.3	η < 0.1	η < 0.1	x: 0.056 m η = 73.2	η < 0.1	η = 2.9	x: 0.056 m η = 3.1	η < 0.1	**CUMPLE η = 73.2**
N413/N414	η = 0.8	η = 0.3	x: 5.42 m η = 10.2	x: 2.246 m η = 16.0	x: 5.42 m η = 1.8	x: 5.42 m η = 3.7	η < 0.1	η < 0.1	x: 5.42 m η = 26.9	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 26.9**
N414/N399	η = 1.1	η = 0.4	x: 0 m η = 10.2	x: 0 m η = 16.0	x: 0 m η = 1.5	x: 0 m η = 2.7	η < 0.1	η < 0.1	x: 0 m η = 27.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 27.0**
N398/N404	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 6.7	x: 1.47 m η = 22.4	x: 1.47 m η = 6.3	η = 6.8	η = 0.4	x: 0.184 m η < 0.1	x: 0.184 m η < 0.1	x: 1.47 m η = 35.3	x: 0.184 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 35.3**
N404/N410	x: 2.55 m η < 0.1	x: 0 m η = 7.8	x: 2.55 m η = 54.3	x: 2.55 m η = 8.2	η = 3.5	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 70.1	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 70.1**
N410/N389	x: 0.428 m η = 0.4	x: 0 m η = 4.8	x: 0.429 m η = 43.5	x: 0 m η = 8.2	η = 5.7	η = 0.5	η < 0.1	η < 0.1	x: 0 m η = 55.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 55.3**
N399/N405	N_{Ed} = 0.00 N.P.(1)	x: 0.09 m η = 7.6	x: 0.09 m η = 36.3	x: 2.13 m η = 4.4	η = 9.5	η = 0.1	η < 0.1	η < 0.1	x: 0.09 m η = 47.0	η < 0.1	η = 0.1	η = 2.8	η < 0.1	**CUMPLE η = 47.0**
N405/N411	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 7.6	x: 2.55 m η = 56.0	x: 2.55 m η = 5.6	η = 5.3	η = 0.3	η < 0.1	η < 0.1	x: 2.55 m η = 68.8	η < 0.1	η = 0.1	η = 1.2	η = 0.2	**CUMPLE η = 68.8**
N411/N386	x: 0.428 m η = 0.3	x: 0 m η = 4.7	x: 0.429 m η = 46.5	x: 0.429 m η = 12.2	η = 5.0	η = 1.3	η < 0.1	η < 0.1	x: 0.429 m η = 63.3	η < 0.1	η = 0.1	η = 3.4	η = 0.3	**CUMPLE η = 63.3**

Barras	COMPROBACIONES (CTE DB SE-A) - SITUACIÓN DE INCENDIO													Estado
	N_t	N_c	M_Y	M_Z	V_Z	V_Y	M_YV_Z	M_ZV_Y	NM_YM_Z	$NM_YM_ZV_YV_Z$	M_t	M_tV_Z	M_tV_Y	
N400/N414	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 5.3	x: 0.66 m η = 10.3	x: 0.66 m η = 2.4	η = 7.0	η = 0.3	x: 0.165 m η < 0.1	x: 0.165 m η < 0.1	x: 0.66 m η = 17.9	x: 0.165 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 17.9**
N414/N406	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 6.2	x: 2.13 m η = 37.6	x: 2.13 m η = 4.3	η = 4.3	η = 0.1	η < 0.1	η < 0.1	x: 2.13 m η = 47.8	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 47.8**
N406/N412	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 5.9	x: 0 m η = 39.8	x: 2.55 m η = 5.8	η = 4.2	η = 0.3	η < 0.1	η < 0.1	x: 2.55 m η = 50.3	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 50.3**
N412/N382	x: 0.268 m η = 0.1	x: 0 m η = 3.5	x: 0 m η = 30.2	x: 0.269 m η = 15.5	η = 6.7	η = 3.1	η < 0.1	η < 0.1	x: 0.269 m η = 47.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 47.6**
N397/N403	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 5.4	x: 0.81 m η = 13.0	x: 0.81 m η = 7.5	η = 7.2	η = 0.8	x: 0.203 m η < 0.1	x: 0.203 m η < 0.1	x: 0.81 m η = 25.7	x: 0.203 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 25.7**
N403/N409	N_{Ed} = 0.00 N.P.(1)	x: 0 m η = 7.0	x: 2.55 m η = 44.9	x: 2.55 m η = 9.0	η = 3.8	η = 0.5	η < 0.1	η < 0.1	x: 2.55 m η = 60.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 60.7**
N409/N393	x: 0.268 m η = 0.3	x: 0 m η = 4.2	x: 0.269 m η = 35.6	x: 0 m η = 9.0	η = 5.5	η = 0.4	η < 0.1	η < 0.1	x: 0 m η = 48.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 48.0**
N419/N418	η = 4.4	η = 51.4	x: 5.5 m η = 17.4	x: 5.5 m η = 23.5	x: 5.5 m η = 2.8	x: 5.5 m η = 3.7	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 68.9	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 68.9**
N418/N417	η = 4.7	η = 50.9	x: 0 m η = 17.4	x: 0 m η = 23.5	x: 0 m η = 2.5	x: 0 m η = 3.3	η < 0.1	η < 0.1	x: 0 m η = 68.4	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 68.4**
N417/N416	η = 5.2	η = 49.8	x: 5.5 m η = 17.4	x: 5.5 m η = 25.0	x: 5.5 m η = 2.5	x: 5.5 m η = 3.4	η < 0.1	η < 0.1	x: 5.5 m η = 68.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 68.2**
N416/N415	η = 7.4	η = 42.6	x: 0 m η = 17.4	x: 0 m η = 25.0	x: 0 m η = 2.8	x: 0 m η = 3.8	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 60.9	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 60.9**
N427/N426	η < 0.1	η = 70.0	x: 5.5 m η = 17.7	x: 5.5 m η = 24.4	x: 5.5 m η = 2.9	x: 5.5 m η = 3.9	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 87.7	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.7**
N426/N425	η < 0.1	η = 69.9	x: 0 m η = 17.7	x: 0 m η = 24.4	x: 0 m η = 2.5	x: 0 m η = 3.4	η < 0.1	η < 0.1	x: 0 m η = 87.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.7**
N425/N424	η = 0.1	η = 69.8	x: 5.5 m η = 17.7	x: 5.5 m η = 24.4	x: 5.5 m η = 2.5	x: 5.5 m η = 3.4	η < 0.1	η < 0.1	x: 5.5 m η = 87.5	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.5**
N424/N423	η = 0.2	η = 67.1	x: 0 m η = 17.7	x: 0 m η = 24.4	x: 0 m η = 2.9	x: 0 m η = 3.9	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 84.9	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 84.9**
N408/N422	η = 6.5	η = 43.7	x: 5.5 m η = 17.4	x: 5.5 m η = 27.3	x: 5.5 m η = 2.8	x: 5.5 m η = 3.8	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 64.2	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 64.2**
N422/N421	η = 5.0	η = 50.6	x: 0 m η = 17.4	x: 0 m η = 27.3	x: 0 m η = 2.5	x: 0 m η = 3.5	η < 0.1	η < 0.1	x: 0 m η = 71.0	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 71.0**
N421/N420	η = 4.4	η = 51.5	x: 5.5 m η = 17.4	x: 5.5 m η = 23.8	x: 5.5 m η = 2.5	x: 5.5 m η = 3.4	η < 0.1	η < 0.1	x: 5.5 m η = 69.2	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 69.2**
N420/N419	η = 4.3	η = 51.6	x: 0 m η = 17.4	x: 0 m η = 23.8	x: 0 m η = 2.8	x: 0 m η = 3.7	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 69.3	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 69.3**
N402/N430	η = 0.2	η = 67.1	x: 5.5 m η = 17.7	x: 5.5 m η = 24.4	x: 5.5 m η = 2.9	x: 5.5 m η = 3.9	x: 0.344 m η < 0.1	x: 0.344 m η < 0.1	x: 5.5 m η = 84.9	x: 0.344 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 84.9**
N430/N429	η = 0.1	η = 69.8	x: 0 m η = 17.7	x: 0 m η = 24.4	x: 0 m η = 2.5	x: 0 m η = 3.4	η < 0.1	η < 0.1	x: 0 m η = 87.6	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.6**
N429/N428	η < 0.1	η = 69.9	x: 5.5 m η = 17.7	x: 5.5 m η = 24.4	x: 5.5 m η = 2.5	x: 5.5 m η = 3.4	η < 0.1	η < 0.1	x: 5.5 m η = 87.7	η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.7**
N428/N427	η < 0.1	η = 70.0	x: 0 m η = 17.7	x: 0 m η = 24.4	x: 0 m η = 2.9	x: 0 m η = 3.9	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 87.7	x: 0 m η < 0.1	M_{Ed} = 0.00 N.P.(2)	N.P.(3)	N.P.(3)	**CUMPLE η = 87.7**

Notación:

N_t: Resistencia a tracción
N_c: Resistencia a compresión
M_Y: Resistencia a flexión eje Y
M_Z: Resistencia a flexión eje Z
V_Z: Resistencia a corte Z
V_Y: Resistencia a corte Y
M_YV_Z: Resistencia a momento flector Y y fuerza cortante Z combinados
M_ZV_Y: Resistencia a momento flector Z y fuerza cortante Y combinados
NM_YM_Z: Resistencia a flexión y axil combinados
$NM_YM_ZV_YV_Z$: Resistencia a flexión, axil y cortante combinados
M_t: Resistencia a torsión
M_tV_Z: Resistencia a cortante Z y momento torsor combinados
M_tV_Y: Resistencia a cortante Y y momento torsor combinados
x: Distancia al origen de la barra
η: Coeficiente de aprovechamiento (%)
N.P.: No procede

Comprobaciones que no proceden (N.P.):

(1) La comprobación no procede, ya que no hay axil de tracción.
(2) La comprobación no procede, ya que no hay momento torsor.
(3) No hay interacción entre momento torsor y esfuerzo cortante para ninguna combinación. Por lo tanto, la comprobación no procede.
(4) La comprobación no procede, ya que no hay axil de compresión.

MA 3. ESTUDI BÀSIC DE SEGURETAT I SALUT

COAC

ESTUDI BÀSIC DE SEGURETAT I SALUT A LES OBRES DE CONSTRUCCIÓ

DADES DE L'OBRA

Tipus d'obra: Rehabilitació
Adequació, dinamització i millora energètica de la zona esportiva, escolar i sanitària de Freginals.
[Fase 3: Adequació acústica, solar i tèrmica de la pista poliesportiva].

Emplaçament: Carretera TV-3317, s/n / Carrer Sant Antoni s/n

Superfície construïda: 1217,14 m^2

Promotor: Ajuntament de Freginals

Arquitectes autores del Projecte d'execució: Paula Catalan Gasulla (Col. núm. 65854-5) i Inés Aquilué Junyent (Col. núm. 61313-4)

Tècniques redactores de l'Estudi Bàsic de Seguretat i Salut: Paula Catalan Gasulla (Col. núm. 65854-5) i Inés Aquilué Junyent (Col. núm. 61313-4)

DADES TÈCNIQUES DE L'EMPLAÇAMENT

Topografia: La topografia actual de l'emplaçament està condicionada pel seu entorn urbà. Es tracta d'una pista de formigó pavimentada i plana, amb quatre façanes obertes a l'exterior. El projecte preveu actuar a dues d'aquestes façanes. A la façana nord-est hi ha unes grades amb una cota de 3,1 m per sobre de la pista, i a la façana nord-oest un mur de contenció de formigó armat separa la pista d'una rampa que salva un desnivell de 2,35 m.

Característiques del terreny: El terreny de la zona és de sorra i gres amb una pressió vertical admissible de 1,8 Kg/cm^2.

Condicions físiques i d'ús dels edificis de l'entorn: L'edifici d'actuació és una pista poliesportiva oberta però d'accés restringit. La pista limita al nord-est amb la parcel·la de l'escola de primària i el centre mèdic municipal, al sud-est amb el carrer de Sant Antoni i la carretera TV-3317, al sud-oest amb una parcel·la sense edificar i on està previst l'execució d'un passeig i als nord-oest es troba un petit accés pavimentat amb unes escales i una rampa que separa la pista de la parcel·la del magatzem municipal i un habitatge unifamiliar.

Instal·lacions de serveis públics: Es preveu l'existència d'instal·lacions de sanejament soterrades en l'àrea a intervenir. Com que es tracta d'un edifici en ús, disposa de tots els serveis públics. Pel que fa a les instal·lacions vistes, caldrà tenir en compte durant l'execució del projecte, les instal·lacions d'il·luminació i elèctriques de la pista poliesportiva.

Tipologia de vials: Al sud-oest, la pista poliesportiva limita amb el carrer Sant Antoni i la carretera TV-3317, un vial d'anada i tornada amb una vorera de 1,7 m que separa el vianant de la calçada. A la façana nord-oest, existeix un pas de vianants accessible des del carrer de les Escoles i que és l'accés adaptat a la pista, aquest accés pavimentat amb formigó s'uneix amb el passeig projectat al sud-oest a través d'unes escales.

COMPLIMENT DEL RD 1627/97 SOBRE "DISPOSICIONS MÍNIMES DE SEGURETAT I SALUT A LES OBRES DE CONSTRUCCIÓ"

1. INTRODUCCIÓ

Aquest Estudi Bàsic de Seguretat i Salut estableix, durant l'execució d'aquesta obra, les previsions respecte a la prevenció de riscos d'accidents i malalties professionals, així com informació útil per efectuar en el seu dia, en les degudes condicions de seguretat i salut, els previsibles treballs de manteniment posteriors.

Permet donar unes directrius bàsiques a l'empresa constructora per dur a terme les seves obligacions en el terreny de la prevenció de riscos professionals, facilitant el seu desenvolupament i d'acord amb el Reial Decret 1627/1997 pel qual s'estableixen les "disposicions mínimes de seguretat i de salut a les obres de construcció".

En base a l'art. 7è d'aquest Reial Decret, i en aplicació d'aquest Estudi Bàsic de Seguretat i Salut, l'empresa contractista ha d'elaborar un Pla de Seguretat i Salut en el treball en el qual s'analitzin, estudiïn, desenvolupin i complementin les previsions contingudes en el present document.

El Pla de Seguretat i Salut haurà de ser aprovat abans de l'inici de l'obra pel Coordinador de Seguretat i Salut durant l'execució de l'obra o, quan no sigui necessari, per la Direcció Facultativa. En cas d'obres de les Administracions Públiques s'haurà de sotmetre a l'aprovació d'aquesta Administració.

Cal recordar l'obligatorietat de que a cada centre de treball hi hagi un Llibre d'Incidències pel seguiment del Pla de S i S. Les anotacions fetes al Llibre d'Incidències hauran de posar-se en coneixement de la Inspecció de Treball i Seguretat Social en el termini de 24 hores, quan es produeixin repeticions de la incidència.

Segons l'art. 15è del Reial Decret, les empreses contractistes i sots-contractistes hauran de garantir que les persones que treballen a l'obra rebin la informació adequada de totes les mesures de seguretat i salut a l'obra.

La comunicació d'obertura del centre de treball a l'autoritat laboral competent haurà d'incloure el Pla de Seguretat i Salut, s'haurà de fer prèviament a l'inici d'obra i la presentaran únicament les empreses que tinguin la consideració de contractistes.

El Coordinador de Seguretat i Salut durant l'execució de l'obra o qualsevol integrant de la Direcció Facultativa, en cas d'apreciar un risc greu imminent per a la seguretat de les persones que treballen a l'obra, podrà aturar l'obra parcialment o totalment, comunicant-ho a la Inspecció de Treball i Seguretat Social, a l'empresa contractista, sots-contractista i representants de les persones treballadores.

Les responsabilitats dels coordinadors, de la Direcció Facultativa i del promotor no eximiran de les seves responsabilitats a les empreses contractistes i sots-contractistes (art. 11è).

2. PRINCIPIS GENERALS APLICABLES DURANT L'EXECUCIÓ DE L'OBRA

En base als principis d'acció preventiva establerts a l'article 15è de la Llei 31/95 de "prevenció de riscos laborals", l'empresa aplicarà les mesures que integren el deure general de prevenció, d'acord amb els següents principis generals:

- Evitar riscos
- Avaluar els riscos que no es puguin evitar
- Combatre els riscos a l'origen
- Adaptar el treball a la persona, en particular en el que respecta a la concepció dels llocs de treball, l'elecció dels equips i els mètodes de treball i de producció, per tal de reduir el treball monòton i repetitiu, i reduir els efectes del mateix a la salut
- Tenir en compte l'evolució de la tècnica
- Substituir allò que és perillós per allò que tingui poc o cap perill
- Planificar la prevenció, buscant un conjunt coherent que integri la tècnica, l'organització i les condicions del treball, les relacions socials i la influència dels factors ambientals en el treball
- Adoptar mesures que posin per davant la protecció col·lectiva a la individual
- Donar les degudes instruccions a les persones que treballen a l'obra

En conseqüència i per tal de donar compliment a aquests principis generals, tal i com estableix l'article 10 del RD 1627/1997, durant l'execució de l'obra es vetllarà per:

- El manteniment de l'obra en bon estat d'ordre i neteja
- L'elecció de l'emplaçament dels llocs i àrees de treball, tenint en compte les seves condicions d'accés i la determinació de les vies o zones de desplaçament o circulació
- La manipulació dels diferents materials i la utilització dels mitjans auxiliars
- El manteniment, el control previ a la posada en servei i el control periòdic de les Instal·lacions i dispositius necessaris per a l'execució de l'obra, amb objecte de corregir els defectes que poguessin afectar a la seguretat i salut de les persones treballadores
- La delimitació i condicionament de les zones d'emmagatzematge i dipòsit dels diferents materials, en particular si es tracta de matèries i substàncies perilloses
- La recollida dels materials perillosos utilitzats
- L'emmagatzematge i l'eliminació o evacuació de residus i runes
- L'adaptació en funció de l'evolució de l'obra del període de temps efectiu que s'haurà de dedicar a les diferents feines o fases del treball
- La cooperació entre les empreses contractistes, sots-contractistes i les persones que treballen a l'obra en règim d'autònoms
- Les interaccions i incompatibilitats amb qualsevol altre tipus de feina o activitat que es realitzi a l'obra o prop de l'obra

L'empresa tindrà en consideració les capacitats professionals de les persones treballadores en matèria de seguretat i salut en el moment d'encomanar les feines.

L'empresa adoptarà les mesures necessàries per garantir que només les persones treballadores que hagin rebut informació i formació suficient i adequada puguin accedir a les zones de risc greu i específic.

L'efectivitat de les mesures preventives haurà de preveure les distraccions i imprudències no temeràries que pogués cometre la persona que treballa a l'obra. Cal tenir en compte els riscos addicionals que poguessin implicar determinades mesures preventives, que només podran adoptar-se quan els riscos que generin siguin substancialment menors dels que es volen reduir i no existeixin alternatives preventives més segures.

L'empresa podrà concertar operacions d'assegurances que tinguin com a finalitat garantir la previsió de riscos derivats

tant del treball respecte del seu personal, com de les persones treballadores en règim d'autònoms. Les societats cooperatives també podran concertar operacions d'assegurances respecte de les seves persones associades, l'activitat de les quals consisteixi en la prestació del seu treball personal.

En compliment del deure de protecció de les persones treballadores, l'empresa garantirà que cada persona que treballa a l'obra rebi una formació teòrica i practica que sigui suficient i adequada en matèria preventiva. Aquesta formació cal centrar-la en el lloc de treball o funció concreta que dugui a terme la persona treballadora, i per tant, l'obliga a complir les mesures de prevenció adoptades.

En funció de la formació rebuda, i seguint la informació i instruccions de l'empresa contractista, les persones que treballen a l'obra han de:

- Fer servir adequadament les màquines, aparells, eines, equips de transport i tots els mitjans amb els que desenvolupin la seva activitat.
- Utilitzar adequadament els mitjans i equips de protecció facilitats per l'empresa contractista
- No posar fora de funcionament i utilitzar correctament els dispositius de seguretat existents o que s'instal·lin als mitjans o als llocs de treball
- Informar d'immediat a la persona jeràrquicament superior i a les persones treballadores designades per realitzar activitats de prevenció i protecció de qualsevol situació que, al seu entendre, porti un risc per la seguretat i salut de les persones que treballen a l'obra.
- Cooperar amb l'empresa contractista per que pugui garantir unes condicions de treball segures i que no comportin riscos per la seguretat i salut de les persones que treballen a l'obra.

3. IDENTIFICACIÓ DELS RISCOS

Sense perjudici de les disposicions mínimes de Seguretat i Salut aplicables a l'obra establertes a l'annex IV del RD 1627/1997, s'enumeren a continuació els riscos particulars de diferents treballs d'obra, tot i considerant que alguns d'ells es poden donar durant tot el procés d'execució de l'obra o bé ser aplicables a altres feines.

Mitjans i maquinaria

- Atropellaments, topades amb altres vehicles, atrapades
- Interferències amb instal·lacions d'ús públic (aigua, llum, gas, clavegueram,...)
- Desplom i/o caiguda de maquinària d'obra (sitges, grues...)
- Riscos derivats del funcionament de grues
- Caiguda de la càrrega transportada
- Generació excessiva de pols o emanació de gasos tòxics
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Cops i ensopegades
- Caiguda de materials, rebots
- Ambient excessivament sorollós
- Contactes elèctrics directes o indirectes
- Accidents derivats de condicions atmosfèriques
- Altres

Treballs previs

- Interferències amb instal·lacions d'ús públic (aigua, llum, gas, clavegueram,...)
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Cops i ensopegades
- Caiguda de materials, rebots
- Sobre esforços per postures incorrectes
- Bolcada de piles de materials

- Riscos derivats de l'emmagatzematge de materials (temperatura, humitat, reaccions químiques)
- Altres

Enderrocs

- Interferències amb instal·lacions d'ús públic (aigua, llum, gas, clavegueram,...)
- Generació excessiva de pols o emanació de gasos tòxics
- Projecció de partícules durant els treballs
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Contactes amb materials agressius
- Risc derivat de la utilització de soldadura i tall oxiacetilènic
- Talls i punxades
- Cops i ensopegades
- Caiguda de materials, rebots
- Ambient excessivament sorollós
- Fallida de l'estructura
- Sobre esforços per postures incorrectes
- Acumulació i baixada de runes
- Altres

Moviments de terres i excavacions

- Interferències amb instal·lacions d'ús públic (aigua, llum, gas, clavegueram,...)
- Generació excessiva de pols o emanació de gasos tòxics
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Cops i ensopegades
- Despreniment i/o esllavissament de terres i/o roques
- Caiguda de materials, rebots
- Ambient excessivament sorollós
- Desplom i/o caiguda de les murs de contenció, pous i rases
- Desplom i/o caiguda de les edificacions veïnes
- Accidents derivats de condicions atmosfèriques
- Sobre esforços per postures incorrectes
- Riscos derivats del desconeixement del sòl a excavar
- Altres

Fonaments

- Interferències amb instal·lacions d'ús públic (aigua, llum, gas, clavegueram,...)
- Projecció de partícules durant els treballs
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Contactes amb materials agressius
- Risc derivat de la utilització de soldadura i tall oxiacetilènic
- Talls i punxades
- Cops i ensopegades
- Caiguda de materials, rebots
- Ambient excessivament sorollós
- Desplom i/o caiguda de les murs de contenció, pous i rases
- Desplom i/o caiguda de les edificacions veïnes
- Despreniment i/o esllavissament de terres i/o roques
- Contactes elèctrics directes o indirectes
- Sobre esforços per postures incorrectes
- Fallides d'encofrats
- Fallides de recalços
- Generació excessiva de pols o emanació de gasos tòxics
- Bolcada de piles de material

- Riscos derivats de l'emmagatzematge de materials (temperatura, humitat, reaccions químiques)
- Altres

Estructura

- Interferències amb instal·lacions d'ús públic (aigua, llum, gas, clavegueram,...)
- Projecció de partícules durant els treballs
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Contactes amb materials agressius
- Risc derivat de la utilització de soldadura i tall oxiacetilènic
- Talls i punxades
- Cops i ensopegades
- Caiguda de materials, rebots
- Ambient excessivament sorollós
- Contactes elèctrics directes o indirectes
- Sobre esforços per postures incorrectes
- Fallides d'encofrats
- Generació excessiva de pols o emanació de gasos tòxics
- Bolcada de piles de material
- Riscos derivats de l'emmagatzematge de materials (temperatura, humitat, reaccions químiques)
- Riscos derivats de l'accés a les plantes
- Riscos derivats de la pujada i recepció dels materials
- Altres

Ram de paleta

- Interferències amb instal·lacions d'ús públic (aigua, llum, gas, clavegueram,...)
- Generació excessiva de pols o emanació de gasos tòxics
- Projecció de partícules durant els treballs
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Contactes amb materials agressius
- Risc derivat de la utilització de soldadura i tall oxiacetilènic
- Talls i punxades
- Cops i ensopegades
- Caiguda de materials, rebots
- Ambient excessivament sorollós
- Sobre esforços per postures incorrectes
- Bolcada de piles de material
- Riscos derivats de l'emmagatzematge de materials (temperatura, humitat, reaccions químiques)
- Altres

Coberta

- Interferències amb instal·lacions de subministrament públic (aigua, llum, gas...)
- Projecció de partícules durant els treballs
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Contactes amb materials agressius
- Talls i punxades
- Risc derivat de la utilització de soldadura i tall oxiacetilènic
- Cops i ensopegades
- Caiguda de materials, rebots
- Ambient excessivament sorollós
- Sobre esforços per postures incorrectes
- Generació excessiva de pols o emanació de gasos tòxics
- Caigudes de pals i antenes
- Bolcada de piles de material

- Riscos derivats de l'emmagatzematge de materials (temperatura, humitat, reaccions químiques)
- Altres

Revestiments i acabats

- Generació excessiva de pols o emanació de gasos tòxics
- Projecció de partícules durant els treballs
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Contactes amb materials agressius
- Talls i punxades
- Cops i ensopegades
- Caiguda de materials, rebots
- Sobre esforços per postures incorrectes
- Bolcada de piles de material
- Riscos derivats de l'emmagatzematge de materials (temperatura, humitat, reaccions químiques)
- Riscos derivats per repassos d'obra realitzats amb equips i proteccions inadequades
- Altres

Instal·lacions

- Interferències amb instal·lacions de subministrament públic (aigua, llum, gas...)
- Caigudes des de punts alts i/o des d'elements provisionals d'accés (escales, plataformes)
- Talls i punxades
- Cops i ensopegades
- Caiguda de materials, rebots
- Emanacions de gasos en obertures de pous morts
- Contactes elèctrics directes o indirectes
- Sobre-esforços per postures incorrectes
- Caigudes de pals i antenes
- Riscos derivats per repassos d'obra realitzats amb equips i proteccions inadequades
- Altres

4. RELACIÓ DE TREBALLS MÉS HABITUALS QUE REPRESENTEN RISCOS ESPECIALS I QUE COMPORTEN L'ADOPCIÓ DE MESURES DE PREVENCIÓ I PROTECCIÓ ESPECÍFIQUES I PARTICULARS DURANT L'EXECUCIÓ DE L'OBRA.

(Annex II del RD 1627/1997))

- Treballs amb riscos especialment greus de soterrament, enfonsament o caiguda d'altura, per les particulars característiques de l'activitat desenvolupada, els procediments aplicats o l'entorn del lloc de treball
- Treballs en els quals l'exposició a agents químics o biològics suposi un risc d'especial gravetat, o pels quals la vigilància específica de la salut de les persones que treballen a l'obra sigui legalment exigible
- Treballs amb exposició a radiacions ionitzants pels quals la normativa específica obligui a la delimitació de zones controlades o vigilades
- Treballs en la proximitat de línies elèctriques d'alta tensió
- Treballs que exposin a risc d'ofegament per immersió
- Obres d'excavació de túnels, pous i altres treballs que suposin moviments de terres subterranis
- Treballs realitzats en immersió amb equip subaquàtic
- Treballs realitzats en cambres d'aire comprimit
- Treballs que impliquin l'ús d'explosius
- Treballs que requereixin muntar o desmuntar elements prefabricats pesats

5. MESURES DE PREVENCIÓ I PROTECCIÓ

- Com a criteri general es prioritzaran les proteccions col·lectives en front de les individuals.
- S'hauran de mantenir en bon estat de conservació els medis auxiliars, la maquinària i les eines de treball.
- Els medis de protecció, tant col·lectiva com individual, hauran d'estar homologats segons la normativa vigent.
- Així mateix, les mesures relacionades s'hauran de tenir en compte per als previsibles treballs posteriors (reparació, manteniment, substitució, etc.)

Mesures de protecció col·lectiva

- Organització i planificació dels treballs per evitar interferències entre les diferents feines i circulacions dins l'obra
- Senyalització de les zones de perill
- Preveure el sistema de circulació de vehicles i la seva senyalització, tant a l'interior de l'obra com en relació amb els vials exteriors
- Limitar una zona lliure a l'entorn de la zona excavada pel pas de maquinària
- Immobilització de camions mitjançant falques i/o topalls durant les tasques de càrrega i descàrrega
- Respectar les distàncies de seguretat amb les instal·lacions existents
- Mantenir les instal·lacions amb les seves proteccions aïllants operatives
- Fonamentar correctament la maquinària d'obra
- Muntatge de grues fet per una empresa especialitzada, amb revisions periòdiques, control de la càrrega màxima, delimitació del radi d'acció, frenada, blocatge, etc.
- Revisió periòdica i manteniment de maquinària i equips d'obra
- Establir un sistema de rec que impedeixi l'emissió de pols en gran quantitat
- Comprovar l'adequació de les solucions d'execució a l'estat real dels elements existents (subsòl, edificacions veïnes)
- Comprovació dels estintolaments, de les condicions dels estrebats i de les pantalles de protecció de les rases
- Utilització de paviments antilliscants.
- Col·locació de baranes de protecció en llocs amb perill de caiguda.
- Diferenciació de les mesures de protecció contra caiguda utilitzades segons s'estigui protegint a les persones de la pròpia caiguda o de la caiguda d'objectes i materials
- Col·locació de xarxes en forats horitzontals
- Protecció de forats i façanes per evitar la caiguda d'objectes (xarxes, lones)
- Ús de canalitzacions d'evacuació de runes, correctament instal·lades
- Ús d'escales de mà, plataformes de treball i bastides homologades
- Col·locació de plataformes de recepció de materials en plantes altes
- Instal·lació de serveis sanitaris

Mesures de protecció individual

- Utilització de caretes i ulleres homologades contra la pols i/o projecció de partícules
- Utilització de calçat de seguretat
- Utilització de casc homologat
- A totes les zones elevades on no hi hagi sistemes fixes de protecció o de protecció col·lectiva, caldrà establir punts d'ancoratge segurs per poder subjectar-hi el cinturó de seguretat homologat, la utilització del qual serà obligatòria. L'accés a les zones descrites i als equips només està autoritzat a les persones treballadores amb formació i capacitació suficient.
- Utilització de guants homologats per evitar el contacte directe amb materials agressius i minimitzar el risc de talls i punxades
- Utilització de protectors auditius homologats en ambients excessivament sorollosos
- Utilització de mandils
- Sistemes de subjecció permanent i de vigilància duta a terme per més d'una persona que treballa a l'obra pel que fa als treballs amb perill d'intoxicació. Utilització d'equips de subministrament d'aire

Mesures de protecció a terceres persones

- Previsió de la tanca, la senyalització i l'enllumenat de l'obra en funció del lloc on està situada l'obra (entorn urbà, urbanització, camp obert). En cas que el tancament envaeixi la calçada s'ha de preveure un sistema de protecció pel pas de vianants i / o vehicles. El tancament ha d'impedir que persones alienes a l'obra puguin accedir a la mateixa
- Preveure el sistema de circulació de vehicles tant a l'interior de l'obra com en relació amb els vials exteriors
- Immobilització de maquinaria rodada mitjançant falques i/o topalls durant les tasques de càrrega i descàrrega
- Comprovació de l'adequació de les solucions d'execució i preventives a l'estat real dels elements (subsòl, edificacions veïnes)
- Protecció de forats i façanes per evitar la caiguda d'objectes (xarxes, lones)

6. PRIMERS AUXILIS

Es disposarà d'una farmaciola amb el contingut de material especificat a la normativa vigent. S'informarà a l'inici de l'obra, de la situació dels diferents centres mèdics als quals s'hauran de traslladar les persones accidentades. És convenient disposar a l'obra i en lloc ben visible, d'una llista amb els telèfons i adreces dels centres assignats per a urgències, ambulàncies, taxis, etc. per garantir el ràpid trasllat de les possibles persones accidentades.

7. NORMATIVA APLICABLE

La documentació de l'Estudi Bàsic de seguretat ha d'anar acompanyada d'un llistat de normativa de seguretat que podeu trobar actualitzat a l'apartat de normativa de la pàgina web de l'OCT.

DISPOSICIONES MÍNIMAS DE SEGURIDAD Y DE SALUD QUE DEBEN APLICARSE EN LAS OBRAS DE CONSTRUCCIÓN TEMPORALES O MÓVILES	Directiva 92/57/CEE 24 Junio (DOCE: 26/08/92)
DISPOSICIONES MÍNIMAS DE SEGURIDAD Y DE SALUD EN LAS OBRAS DE CONSTRUCCIÓN	RD 1627/1997. 24 octubre (BOE 25/10/97) Transposició de la Directiva 92/57/CEE
LEY DE PREVENCIÓN DE RIESGOS LABORALES REFORMA DEL MARCO NORMATIVO DE LA PREVENCIÓN DE RIESGOS LABORALES	Ley 31/1995. 8 noviembre (BOE: 10/11/95) Ley 54/2003. 12 diciembre (BOE 13/12/2003)
REGLAMENTO DE LOS SERVICIOS DE PREVENCIÓN	RD 39/1997, 17 de enero (BOE: 31/01/97) i les seves modificacions
MODIFICACIÓN RD 39/1997; RD 1109/2007, Y EL RD 1627/1997	RD 337/2010 (BOE 23/3/2010)
REQUISITOS Y DATOS QUE DEBEN REUNIR LAS COMUNICACIONES DE APERTURA O DE REANUDACIÓN DE ACTIVIDADES EN LOS CENTROS DE TRABAJO	Orden TIN/1071/2010 (BOE 1/5/2010)
DISPOSICIONES MÍNIMAS DE SEGURIDAD Y SALUD PARA LA UTILIZACIÓN POR LOS TRABAJADORES DE LOS EQUIPOS DE TRABAJO EN MATERIA DE TRABAJOS TEMPORALES EN ALTURA	RD 2177/2004, de 12 de novembre (BOE: 13/11/2004)

DISPOSICIONES MÍNIMAS EN MATERIA DE SEÑALIZACIÓN, DE SEGURIDAD Y SALUD EN EL TRABAJO	RD 485/1997. 14 abril (BOE: 23/04/1997)
DISPOSICIONES MÍNIMAS DE SEGURIDAD Y SALUD EN LOS LUGARES DE TRABAJO En el capítol 1 exclou les obres de construcció, però el RD 1627/1997 l'esmenta en quant a escales de mà. Modifica i deroga alguns capítols de la "Ordenanza de Seguridad e Higiene en el trabajo" (O. 09/03/1971)	RD 486/1997, 14 de abril (BOE: 23/04/1997)
LEY REGULADORA DE LA SUBCONTRATACIÓN EN EL SECTOR DE LA CONSTRUCCIÓN	LEY 32/2006 (BOE 19/10/2006)
MODIFICACION DEL RD 39/1997, POR EL QUE SE APRUEBA EL REGLAMENTO DE LOS SERVICIOS DE PREVENCIÓN Y EL RD 1627/97, POR EL QUE SE ESTABLECEN LAS DISPOSICIONES MÍNIMAS DE SEGURIDAD Y SALUD EN LAS OBRAS DE CONSTRUCCIÓN	RD 604 / 2006 (BOE 29/05/2006)
DISPOSICIONES MÍNIMAS DE SEGURIDAD I SALUD APLICABLES A LOS TRABAJOS CON RIESGO DE AMIANTO	RD 396/2006 (BOE 11/04/2006)
PROTECCIÓN DE LA SALUD Y SEGURIDAD DE LOS TRABAJADORES CONTRA LOS RIESGOS RELACIONADOS CON LA EXPOSICIÓN AL RUIDO	RD 286/2006 (BOE: 11/03/2006)
DISPOSICIONES MÍNIMAS DE SEGURIDAD Y SALUD RELATIVAS A LA MANIPULACIÓN MANUAL DE CARGAS QUE ENTRAÑE RIESGOS, EN PARTICULAR DORSO LUMBARES, PARA LOS TRABAJADORES	RD 487/1997 (BOE 23/04/1997)
DISPOSICIONES MÍNIMAS DE SEGURIDAD Y SALUD RELATIVAS AL TRABAJO CON EQUIPOS QUE INCLUYEN PANTALLAS DE VISUALIZACIÓN	RD 488/1997. (BOE: 23/04/97)
PROTECCIÓN DE LOS TRABAJADORES CONTRA LOS RIESGOS RELACIONADOS CON LA EXPOSICIÓN A AGENTES BIOLÓGICOS DURANTE EL TRABAJO	RD 664/1997. (BOE: 24/05/97)
PROTECCIÓN DE LOS TRABAJADORES CONTRA LOS RIESGOS RELACIONADOS CON LA EXPOSICIÓN A AGENTES CANCERÍGENOS DURANTE EL TRABAJO	RD 665/1997 (BOE: 24/05/97)
DISPOSICIONES MÍNIMAS DE SEGURIDAD Y SALUD, RELATIVAS A LA UTILIZACIÓN POR LOS TRABAJADORES DE EQUIPOS DE PROTECCIÓN INDIVIDUAL	RD 773/1997. (BOE: 12/06/97)
DISPOSICIONES MÍNIMAS DE SEGURIDAD Y SALUD PARA LA UTILIZACIÓN POR LOS TRABAJADORES DE LOS EQUIPOS DE TRABAJO	RD 1215/1997. (BOE: 07/08/97)
PROTECCIÓN CONTRA RIESGO ELÉCTRICO	RD 614/2001 (BOE: 21/06/01)
PROTECCION DE LA SALUD Y SEGURIDAD DE LOS TRABAJADORES CONTRA LOS RIESGOS RELACIONADOS CON LA EXPOSICION A AGENTES QUIMICOS DURANTE EL TRABAJO	RD 374/2001 (BOE: 01/05/2001). mods posteriors (30/05/2001)
REGLAMENTO DE SEGURIDAD E HIGIENE DEL TRABAJO EN LA INDUSTRIA DE LA CONSTRUCCIÓN	O. de 20 de mayo de 1952 (BOE: 15/06/52) i les seves modificacions posteriors
DISTÀNCIES REGLAMENTÀRIES D'OBRES I CONSTRUCCIONS A LINIES ELÈCTRIQUES	R. 04/11/1988 (DOGC 1075, 30/11/1988)

ORDENANZA DEL TRABAJO PARA LAS INDUSTRIAS DE LA CONSTRUCCIÓN, VIDRIO Y CERÁMICA	O. de 28 de agosto de 1970. ART. 1º A 4º, 183º A 291º Y ANEXOS I Y II (BOE: 05/09/70; 09/09/70) correcció d'errades: BOE: 17/10/70
SEÑALIZACIÓN, BALIZAMIENTO, LIMPIEZA Y TERMINACIÓN DE OBRAS FIJAS EN VÍAS FUERA DE POBLADO	O. de 31 de agosto de 1987 (BOE: 18/09/87)
INSTRUCCIÓN TÉCNICA COMPLEMENTARIA MIE-AEM 2 DEL REGLAMENTO DE APARATOS DE ELEVACIÓN Y MANUTENCIÓN REFERENTE A GRÚAS-TORRE DESMONTABLES PARA OBRAS.	RD 836/2003. 27 juny, (BOE: 17/07/03). vigent a partir del 17 d'octubre de 2003. (deroga la O. de 28 de junio de 1988 (BOE: 07/07/88) i la modificació: O. de 16 de abril de 1990 (BOE: 24/04/90))
ORDENANZA GENERAL DE SEGURIDAD E HIGIENE EN EL TRABAJO	O. de 9 de marzo DE 1971 (BOE: 16 I 17/03/71) correcció d'errades (BOE: 06/04/71) modificació: (BOE: 02/11/89) derogats alguns capítols per: LEY 31/1995, RD 485/1997, RD 486/1997, RD 664/1997, RD 665/1997, RD 773/1997 I RD 1215/1997
S'APROVA EL MODEL DE LLIBRE D'INCIDÈNCIES EN OBRES DE CONSTRUCCIÓ	O. de 12 de gener de 1998 (DOGC: 27/01/98)

EQUIPS DE PROTECCIÓ INDIVIDUAL

CASCOS NO METALICOS	R. de 14 de diciembre de 1974 (BOE: 30/12/74): N.R. MT-1
PROTECTORES AUDITIVOS	(BOE: 01/09/75): N.R. MT-2
PANTALLAS PARA SOLDADORES	(BOE: 02/09/75): N.R. MT-3: modificació: BOE: 24/10/75
GUANTES AISLANTES DE ELECTRICIDAD	(BOE: 03/09/75): N.R. MT-4 modificació: BOE: 25/10/75
BANQUETAS AISLANTES DE MANIOBRAS	(BOE: 05/09/75): N.R. MT-6 modificació: BOE: 28/10/75
EQUIPOS DE PROTECCIÓN PERSONAL DE VIAS RESPIRATORIAS. NORMAS COMUNES Y ADAPTADORES FACIALES	(BOE: 06/09/75): N.R. MT-7 modificació: BOE: 29/10/75
EQUIPOS DE PROTECCIÓN PERSONAL DE VIAS RESPIRATORIAS: FILTROS MECÁNICOS	(BOE: 08/09/75): N.R. MT-8 modificació: BOE: 30/10/75
EQUIPOS DE PROTECCIÓN PERSONAL DE VIAS RESPIRATORIAS: MASCARILLAS AUTOFILTRANTES	(BOE: 09/09/75): N.R. MT-9 modificació: BOE: 31/10/75
EQUIPOS DE PROTECCIÓN PERSONAL DE VIAS RESPIRATORIAS: FILTROS QUÍMICOS Y MIXTOS CONTRA AMONÍACO	(BOE: 10/09/75): N.R. MT-10 modificació: BOE: 01/11/75

Notes:

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MA 4. ESTUDI DE GESTIÓ DE RESIDUS

ESTUDI DE GESTIÓ DE RESIDUS

Enderroc, Rehabilitació, Ampliació

REAL DECRETO 210/2018, Programa de prevenció i gestió de residus i recursos de Catalunya (PRECAT20) — tipus
REAL DECRETO 105/2008 , Regulador de la producció i gestió de residus de construcció i enderroc — quantitats
codificació

DECRET 89/2010 (derogat parcialment i modificat), pel que s'aprova el Programa de gestió de residus de la construcció de Catalunya (PROGROC), es regula la producció i gestió dels residus de la construcció i demolició, i el cànon sobre la deposició controlada dels residus de la construcció.

DECRET 21/2006 Adopció de criteris ambientals i d'ecoeficiència als edificis

IDENTIFICACIÓ DE L'EDIFICI

Obra:	Adequació acústica, solar i tèrmica de la pista poliesportiva		
Situació:	Carretera TV-3317, s/n / Carrer Sant Antoni s/n		
Municipi :	Freginals	**Comarca :**	Montsià

AVALUACIÓ I CARACTERÍSTIQUES DELS RESIDUS

Materials d'excavació (es considerin o no residus, mesurats sense esponjament)

	Codificació residus LER Ordre MAM/304/2002	Pes	Volum
grava i sorra compacta		0,00	0,00
grava i sorra solta		0,00	0,00
argiles		0,00	0,00
terra vegetal		0,00	0,00
pedraplè		0,00	0,00
terres contaminades	170503	0,00	0,00
altres		0,00	0,00
totals d'excavació		**0,00 t**	**0,00 m³**

Destí de les terres i materials d'excavació

	no es considera residu:				és residu:	
	reutilització				**a l'abocador**	
	mateixa obra		altra obra			
Els materials d'excavació que es reutilitzin a la mateixa obra o en una altra d'autoritzada, no es consideren residu sempre que el seu nou ús pugui ser acreditat. En una mateixa obra poden coexistir terres reutilitzades i terres portades a abocador	**NO**		**NO**		**SI**	

Residus d'enderroc

	Codificació residus LER Ordre MAM/304/2002	Pes/m² (tones/m²)	Pes (tones)	Volum aparent/m² (m³/m²)	Volum aparent (m³)
obra de fàbrica	170102	0,542	0,000	0,512	0,000
formigó	170101	0,084	0,000	0,062	0,000
petris	170107	0,052	0,000	0,082	0,000
metalls	170407	0,004	0,000	0,001	0,000
fustes	170201	0,023	0,000	0,066	0,000
vidre	170202	0,001	0,000	0,004	0,000
plàstics	170203	0,004	0,000	0,004	0,000
guixos	170802	0,027	0,000	0,004	0,000
betums	170302	0,009	0,000	0,001	0,000
fibrociment	170605	0,010	0,000	0,018	0,000
definir altres:		-	0,000	-	0,000
altre material 1		0,000	0,000	0,000	0,000
altre material 2		0,000	0,000	0,000	0,000
totals d'enderroc		0,7556	**0,00 t**	0,7544	**0,00 m³**

Residus de construcció

	Codificació re: Ordre MAM/304/2	Pes/m² (tones/m²)	Pes (tones)	Volum aparent/m² (m³/m²)	Volum aparent (m³)
sobrants d'execució		0,0500	6,8021	0,0896	7,0939
obra de fàbrica	170102	0,0150	2,9014	0,0407	3,2234
formigó	170101	0,0320	2,8879	0,0261	2,0632
petris	170107	0,0020	0,6225	0,0118	0,9346
guixos	170802	0,0039	0,3110	0,0097	0,7698
altres		0,0010	0,0792	0,0013	0,1030
embalatges		0,0380	0,3379	0,0285	2,2596
fustes	170201	0,0285	0,0956	0,0045	0,3564
plàstics	170203	0,0061	0,1251	0,0104	0,8197
paper i cartró	170904	0,0030	0,0657	0,0119	0,9409
metalls	170407	0,0004	0,0515	0,0018	0,1426
totals de construcció			**7,14 t**		**9,35 m³**

INVENTARI DE RESIDUS PERILLOSOS.

Dins l'obra s'han detectat aquests residus perillosos, els quals es separaran i gestionaran per separat per evitar que contamimin altres residus

Materials de construcció que contenen amiant	-	altres	especificar	-
Residus que contenen hidrocarburs	-		especificar	-
Residus que contenen PCB	-		especificar	-

Terres contaminades	-	especificar	-

MINIMITZACIÓ

PROJECTE. durant l'elaboració del projecte s'han près les següents mesures per tal de minimitzar els residus

1.- S'ha previst reutilitzar en obra parts dels materials que es retiren	-
2.- S'han optimitzat les seccions resistents de pilars, jàsseres, parets, fonaments, etc.	si
3.- L'adequació de l'edifici al terreny, genera un equilibri de moviments de terres	-
4.- El sistema constructiu és industrialitzat i prefabricat, es munta en obra sense generar gairebé residus	si
5.-	-
6.-	-

OBRA. a l'obra es duran a terme les accions següents

1.- Emmagatzematge adient de materials i productes	si
2.- Conservació de materials i productes dins el seu embalatge original fins al moment de la seva utilització	si
3.- Els materials granulars (graves, sorres, etc.) es dipositaran en contenidors rígids o sobre superfícies dures	si
4.-	-
5.-	-
6.-	-

ELEMENTS DE CONSTRUCCIÓ REUTILITZABLES

fusta en bigues reutilitzables	0,00 t	0,00 m^3
fusta en llates, tarimes, parquets reutilitzables o reciclables	0,00 t	0,00 m^3
acer en perfils reutilitzables	0,00 t	0,00 m^3
altres :	0,00 t	0,00 m^3
Total d'elements reutilitzables	0,00 t	**0,00 m^3**

GESTIÓ (obra)

Terres

Excavació / Mov. terres	Volum m^3 (+20%)	Reutilització (m^3) a la mateixa obra	Reutilització (m^3) a altra autoritzada	Terres per a l'abocador volum aparent (m^3)
grava i sorra compacta	0,0	10,00	0,00	-10,00
grava i sorra solta	0,0	0,00	0,00	0,00
argiles	0,0	0,00	0,00	0,00
terra vegetal	0,0	0,00	0,00	0,00
pedraplé	0,0	0,00	0,00	0,00
altres	0,0	0,00	0,00	0,00
terres contaminades	0,0			0,00
Total	**0,0**	**10,00**	**0,00**	**-10,00**

SEPARACIÓ DE RESIDUS A OBRA. Cal separar individualitzadament en les fraccions seguents si la generació per cadascú d'ells a l'obra supera les quantitats que segueixen

R.D. 105/2008	tones	Projecte	cal separar	tipus de residu
Formigó	**80**	**2,89**	**no**	**inert**
Maons, teules i ceràmics	**40**	**2,90**	**no**	**inert**
Metalls	**2**	**0,05**	**no**	**no especial**
Fusta	**1**	**0,10**	**no**	**no especial**
Vidres	**1**	**0,00**	**no**	**no especial**
Plàstics	**0,50**	**0,07**	**no**	**no especial**
Paper i cartró	**0,50**	**0,07**	**no**	**no especial**
Especials*	**inapreciable**	**inapreciable**	**si**	**especial**

* Dins els residus especials hi ha inclosos els envasos que contenen restes de matèries perilloses, vernissos, pintures, disolvents, desencofrants, etc... i els materials que hagin estat contaminats per aquests. Tot i ser dificilment quantificables, estan presents a l'obra i es separaran i tractaran a part de la resta de residus

Malgrat no ser obligada per tots els tipus de residus, s'han previst operacions de destria i recollida selectiva dels residus a l'obra en contenidors o espais reservats pels següents residus

		R.D. 105/2008	projecte*
Inerts	Contenidor per Formigó	no	si
	Contenidor per Ceràmics (maons,teules...)	no	si
No especials	Contenidor per Metalls	no	no
	Contenidor per Fustes	no	no
	Contenidor per Plàstics	no	no
	Contenidor per Vidre	no	no
	Contenidor per Paper i cartró	no	no
	Contenidor per Guixos i altres no especials	no	no
Especials	Perillosos (un contenidor per cada tipus de residu especial)	si	si

* A la cel·la **projecte** apareixen per defecte les dades del R.D. 105/2008. Es permet la posibilitat d'incrementar les fraccions que se separen, per poder-ne millorar la gestió, però **en cap cas es permet no separar si el R.D. ho obliga.**

GESTIÓ (fora obra) els residus es gestionaran fora d'obra a:

Degut a la manca d'espai, les operacions de separació de residus les realitzarà fora de l'obra un gestor autoritzat	-
Instal·lacions de reciclatge i/o valorització	si
Dipòsit autoritzat de terres,enderrocs i runes de la construcció	si

Tipus de residu i Nom, adreça i codi de gestor del residu

tipus de residu	gestor	adreça	codi del gestor
Embalatges i residus de construc	Gestora de Runes	Pol. Ind. 59 Partida La Ferrereta, parc. 17-18	E-813.03
	del Tarragonès, SL	43870 AMPOSTA	

PRESSUPOST

S'ha considerat pel càlcul del pressupost estimatiu :	Costos*	
Les previsions de separació de l'apartat de **gestió** i :	Classificació a obra: entre **12-16 €/m³**	**12,00**
Un esponjament mig de tot tipus de residu del 35%	Transport: entre 5-8 **€/m³** (mínim 100 €)	**5,00**
La distància mitjana a l'abocador : 15 Km	Abocador: runa neta (separada): entre **4-10 €/m³**	**4,00**
Els residus especials i perillosos en bidons de 200 l.	Abocador: runa bruta (barrejat): entre **15-25 €/m³**	**15,00**
Contenidors de 5 m³ per a cada tipus de residu	Especials**: **num. transports** a 200 €/ transport	**0**
Lloguer de contenidors inclòs en el preu	Gestor terres: entre **5-15 €/m³**	**5,00**
La gestió de terres inclou la seva caracterització***	Gestor terres contaminades: entre **70-90 €/m³**	**70,00**

* Els preus recollits per l'OCT s'han obtingut dels abocadors i valoritzadors de Catalunya, que han subministrat dades (2008-2009)

** Malgrat ser de dificil quantificació, sempre hi haurà residus especials a obra, per tant sempre caldrà una previsió de **nombre de transports** per la seva correcta gestió

*** La caracterització de terres o de qualsevol residu, permet saber amb exactitut quins elements contaminants o no, i amb quines proporcions hi són presents (dins el cost s'ha previst una caracterització, independentment del volum de terres. Cost de cada caracterització 1.000 euros)

RESIDU	Volum	Classificació	Transport	Valoritzador / Abocador	
Excavació	**m³ (+20%)**	**12,00 €/m³**	**5,00 €/m³**	**5,00 €/m³**	**70,00 €/m³**
Terres	-10,00	783,78	100,00	-90,09	
Terres contaminades	0,00	-	-		0,00
				runa neta	**runa bruta**
Construcció	**m³ (+35%)**			**4,00 €/m³**	**15,00 €/m³**
Formigó	2,79	33,42	13,93	11,14	-
Maons i ceràmics	4,35	52,22	21,76	17,41	-
Petris barrejats	1,26	-	6,31	-	18,92
Metalls	0,19	-	0,96	-	2,89
Fusta	0,48	-	2,41	-	7,22
Vidres	0,00	-	-	-	0,00
Plàstics	1,11	-	5,53	-	16,60
Paper i cartró	1,27	-	6,35	-	19,05
Guixos i no especials	1,18	-	5,89	-	17,67
Altres	0,00	0,00	-	-	-
Perillosos Especials	0,00	0,00			0,00
	12,63	85,64	163,14	-61,54	82,36

Elements Auxiliars

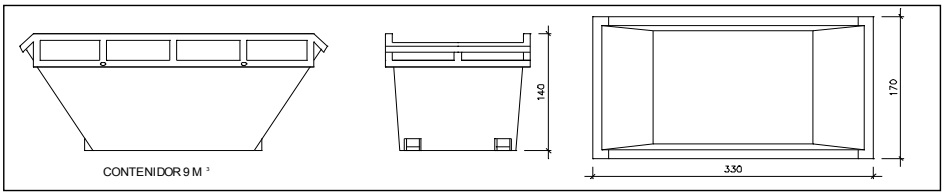
Casetes d'emmagatzematge	0,00
Compactadores	0,00
Matxucadora de petris	0,00
Altres tipus de contenidors (per contenir líquids, beurades de formigó, etc.)	0,00
	0,00
	0,00

El pressupost estimatiu de la gestió de residus és de : 269,59 €

El volum dels residus és de : **2,63 m³**

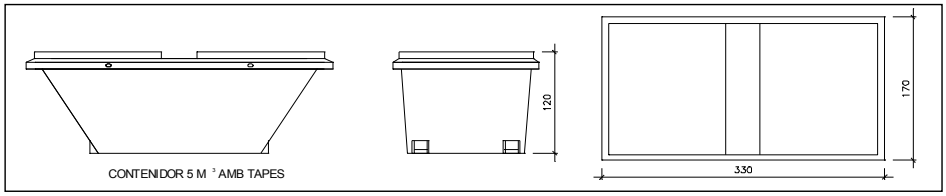
El pressupost de la gestió de residus és de :	**269,59**	**euros**

DOCUMENTACIÓ GRÀFICA. INSTAL.LACIONS PREVISTES : TIPUS I DIMENSIONS DE CONTENIDORS DE RESIDUS PER OBRES



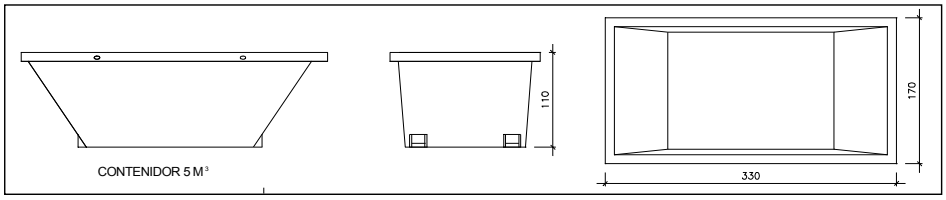
Contenedor 9 m^3 . Apte per a formigó, ceràmics, petris i fusta

unitats	-



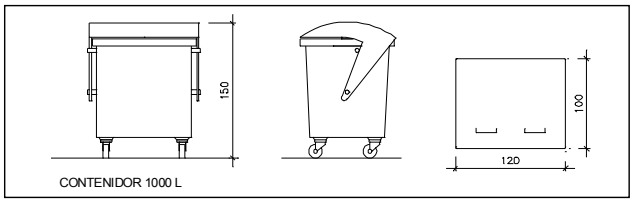
Contenedor 5 m^3 . Apte per a plàstics, paper i cartró, metalls i fusta

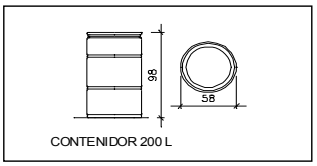
unitats	-



Contenedor 5 m^3 . Apte per a formigó, ceràmics, petris, fusta i metalls

unitats	-





Contenedor 1000 L . Apte per a paper i cartró, plàstics

unitats	1

Bidó 200 L .Apte per a residus especials

unitats	-

El **Reial Decret 105/2008**, estableix que cal facilitar plànols de les instal·lacions previstes per a emmagatzematge, maneig, separació i altres operacions de gestió dels residus dins l'obra, si s'escau.

Donada la tipologia del projecte i per tal de no duplicar informació, aquests plànols d'instal·lacions previstes són a:

Estudi de Seguretat i Salut	-
Annex 1 d'aquest Estudi de Gestió de Residus	-

Posteriorment aquests plànols poden ser objecte d'adaptació a les característiques particulars de l'obra i els seus sistemes d'execució, previ acord de la direcció facultativa.

A més dels elements descrits, tal i com consta al pressupost, a l'obra hi haurà altres instal·lacions com :

Casetes d'emmagatzematge	-
Compactadores	-
Matxucadora de petris	-
Altres tipus de contenidors (per contenir liquids, beurades de formigó, etc..)	-
	-
	-

Les operacions destinades a la tria, classificació, transport i disposició dels residus generats a obra, s'ajustaran al que determina el Pla de Gestió de Residus elaborat per el Contractista, aprovat per la Direcció Facultativa i acceptat per la Propietat.
Aquest Pla ha estat elaborat en base a l'Estudi de Gestió de Residus, que s'inclou al projecte.
Si degut a modificacions en l'execució de l'obra o d'altres, cal fer modificacions a la gestió en obra dels residus, aquestes modificacions es documentaran per escrit i seran aprovades si s'escau per la Direcció Facultativa i se'n donarà comunicació per a la seva acceptació a la Propietat.

5 / 6 RESIDUS Enderroc, Rehabilitació i Ampliació Oficina Consultora Tècnica. Col·legi d'Arquitectes de Catalunya mod-05/2018 (Font:"Guia d'aplicació del Decret 201/1994 - Programa LIFE- ITEC")

IMPORT A DIPOSITAR DAVANT DEL GESTOR DE RESIDUS COM A GARANTIA DE LA GESTIÓ DE RESIDUS

DIPÒSIT SEGONS REAL DECRETO 210/2018

Per les característiques del projecte, de com s'executarà l'obra i donades les operacions de minimització abans descrites, el càlcul inicial de generació de residus, a efectes del càlcul del dipòsit, s'estima que es podrà reduir en un percentatge del:

	Previsió inicial de l'Estudi	% de reducció per minimització	Previsió final de l'Estudi
Total excavació (tones)	0,00 T		-20,00 T
Total construcció i enderroc (tones)	7,14 T	0,00 %	7,14 T

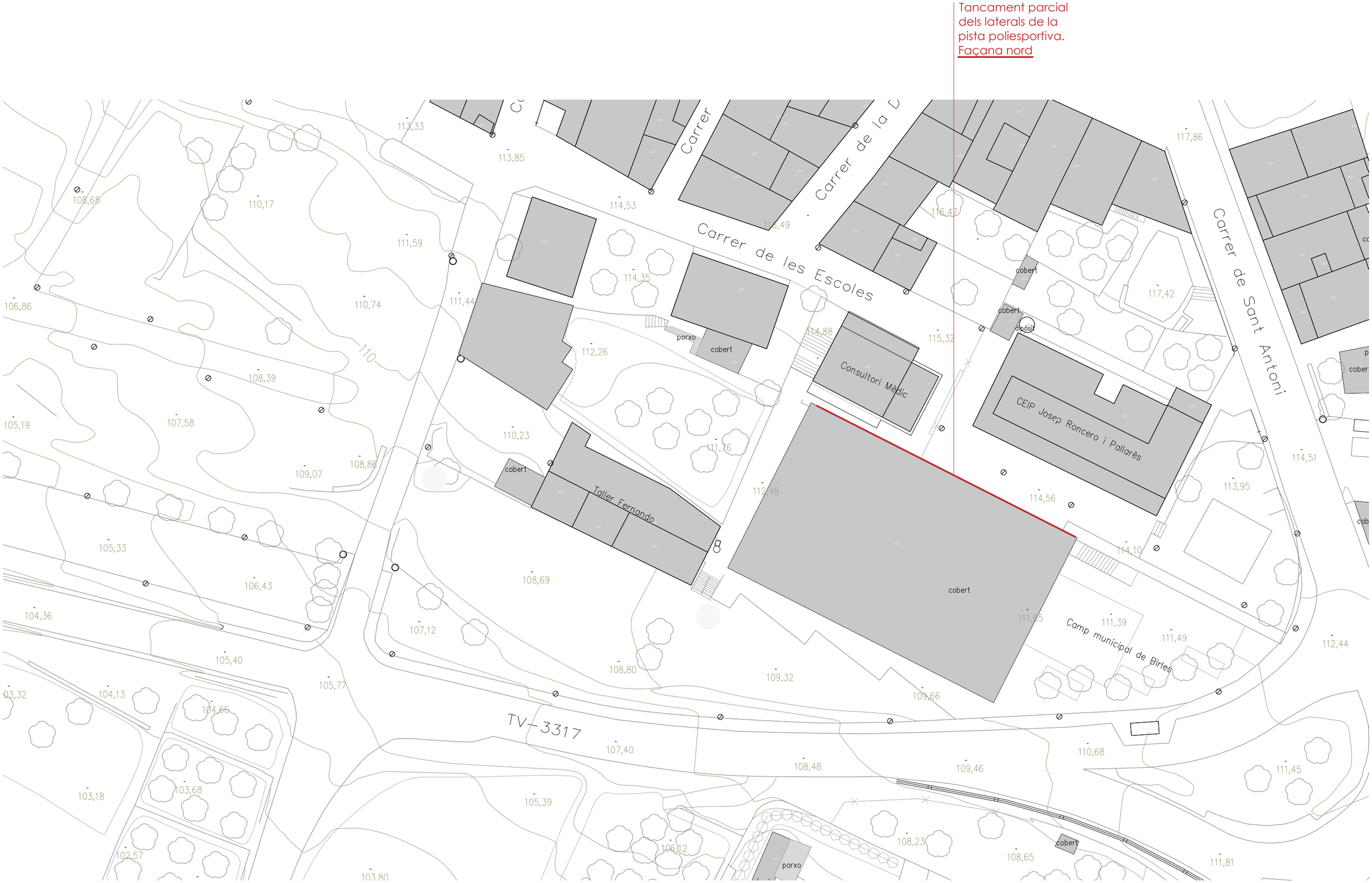
Càlcul del dipòsit			
Residus d'excavació */ **	0 T	11 euros/T	0,00 euros
Residus de construcció i enderroc **	0 T	11 euros/T	0,00 euros
		PES TOTAL DELS RESIDUS	**0,0 Tones**
		Total dipòsit * **	**150,00 euros**

* Es recorda que les **terres i pedres d'excavació que es reutilitzin** en la mateixa obra o en una altra d'autoritzada **no es consireren residu** i per tant **NO** s'han d'incloure en el càlcul del dipòsit.

**Trasvassar les dades dels totals d' excavació i construcció de la Previssió final de L'Estudi (apartat superior)

***Dipòsit mínim 150€

II. DOCUMENTACIÓ GRÀFICA



MEMÒRIA VALORADA	PROMOTORA	ARQUITECTES		PLÀNOL	ESCALA	DATA	NUM.
ADEQUACIÓ I MILLORA ENERGÈTICA DE LA ZONA ESCOLAR, ESPORTIVA I SANITÀRIA DE **FREGINALS** (MONTSIÀ). FASE 3	AJUNTAMENT DE FREGINALS	PAULA CATALAN COAC n. 65854-5	INÉS AQUILUÉ COAC n. 61313-4	EMPLAÇAMENT	1:500 | A3	Març 2023	01

LLEGENDA

ESTRUCTURA EXISTENT

E1: Pilars existents HEB-260
E2: Mur de contenció de terres existent de formigó armat e=40cm

SUBESTRUCTURA DE PANELLS

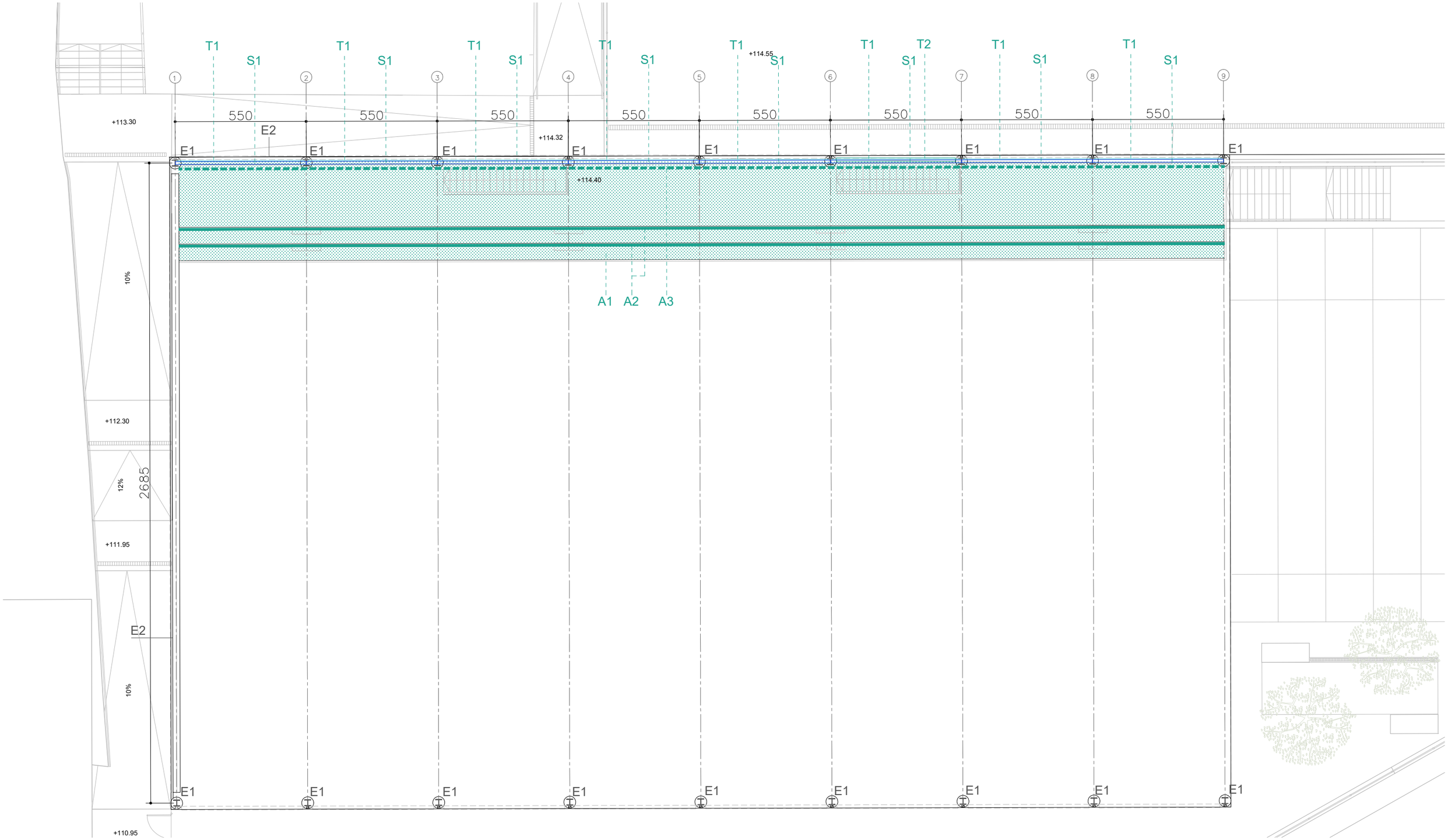
S1: Travessers de subestructura per a la fixació dels panells

TANCAMENTS

T1: Panell de policarbonat cel·lular e:20mm
T2: Mur de 20 cm de gruix de bloc de morter ciment a dues cares vistes, armat amb cèrcol

ACABATS

A1: Impermeabilització amb làmina amorfa
A2: Formació de mitja canya
A3: Segellat de junts



MEMÒRIA VALORADA	PROMOTORA	ARQUITECTES		PLÀNOL	ESCALA	DATA	NUM.
ADEQUACIÓ I MILLORA ENERGÈTICA DE LA ZONA ESCOLAR, ESPORTIVA I SANITÀRIA DE **FREGINALS** (MONTSIÀ). FASE 3	AJUNTAMENT DE FREGINALS	PAULA CATALAN COAC n. 65854-5	INÉS AQUILUÉ COAC n. 61313-4	PLANTA	1:150 | A3	Març 2023	02

LLEGENDA

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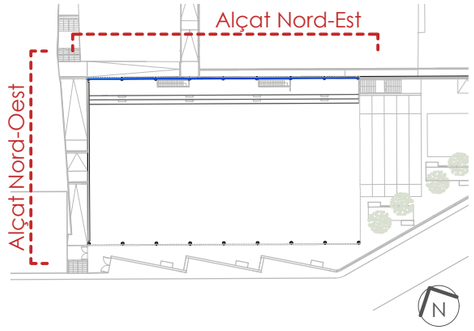
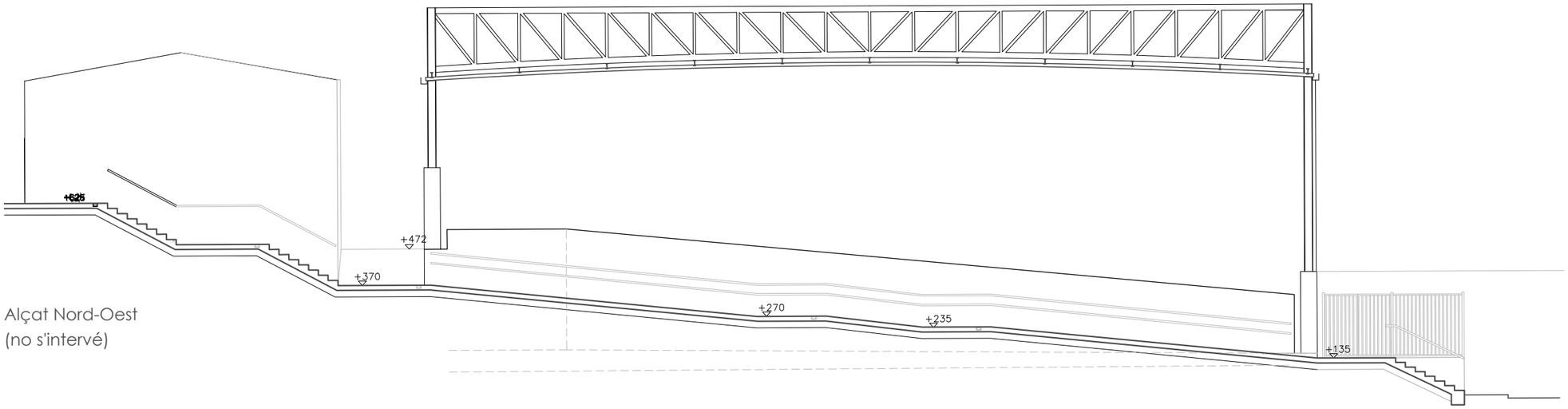
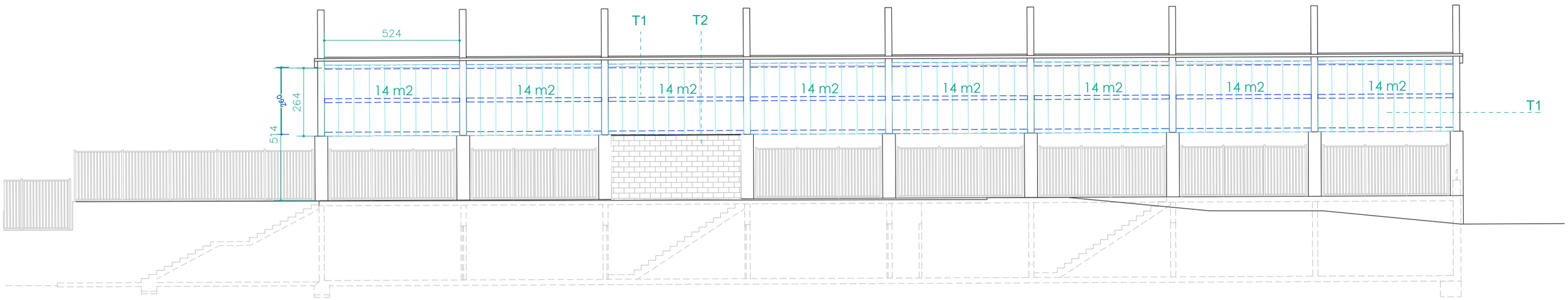




Alçat Nord-Oest
(no s'intervé)



Alçat Nord-est

MEMÒRIA VALORADA	PROMOTORA	ARQUITECTES		PLÀNOL	ESCALA	DATA	NUM.
ADEQUACIÓ I MILLORA ENERGÈTICA DE LA ZONA ESCOLAR, ESPORTIVA I SANITÀRIA DE **FREGINALS** (MONTSIÀ). FASE 3	AJUNTAMENT DE FREGINALS	PAULA CATALAN COAC n. 65854-5	INÉS AQUILUÉ COAC n. 61313-4	ALÇATS EXTERIORS NORD I OEST	1:150 | A3	Març 2023	03

LLEGENDA

ESTRUCTURA EXISTENT

E1: Pilars existents HEB-260
E2: Mur de contenció de terres existent de formigó armat e=40cm

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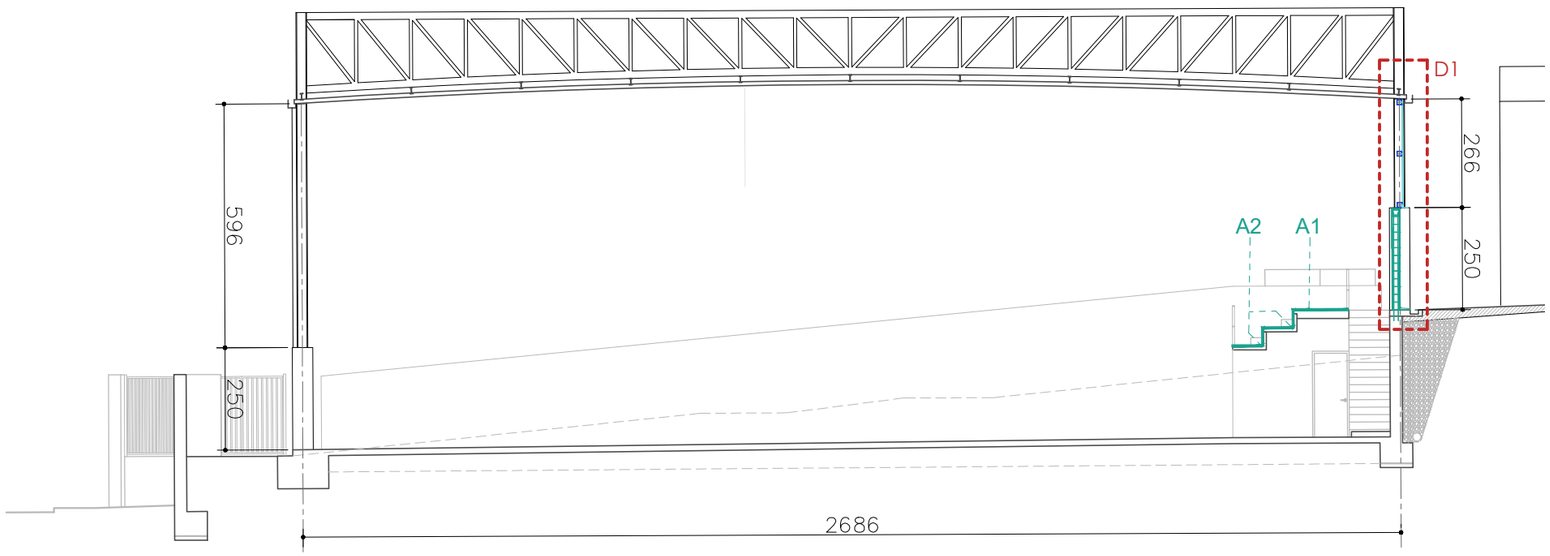
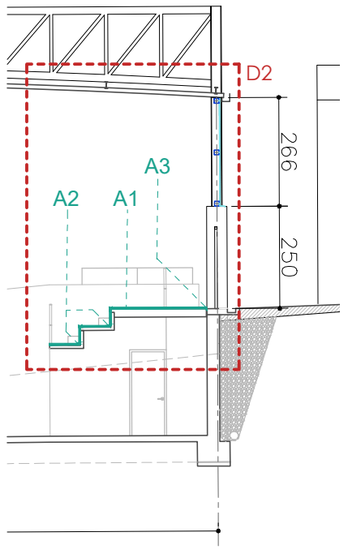
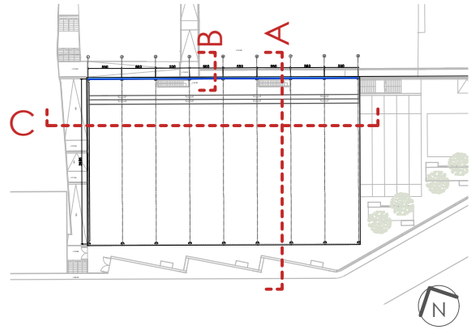
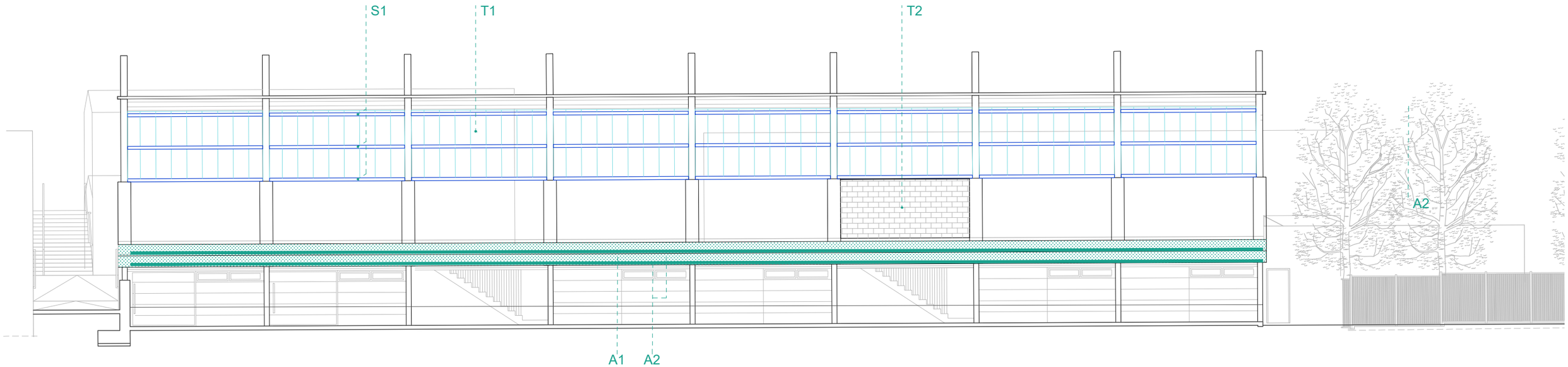


Secció AA'



Secció BB'

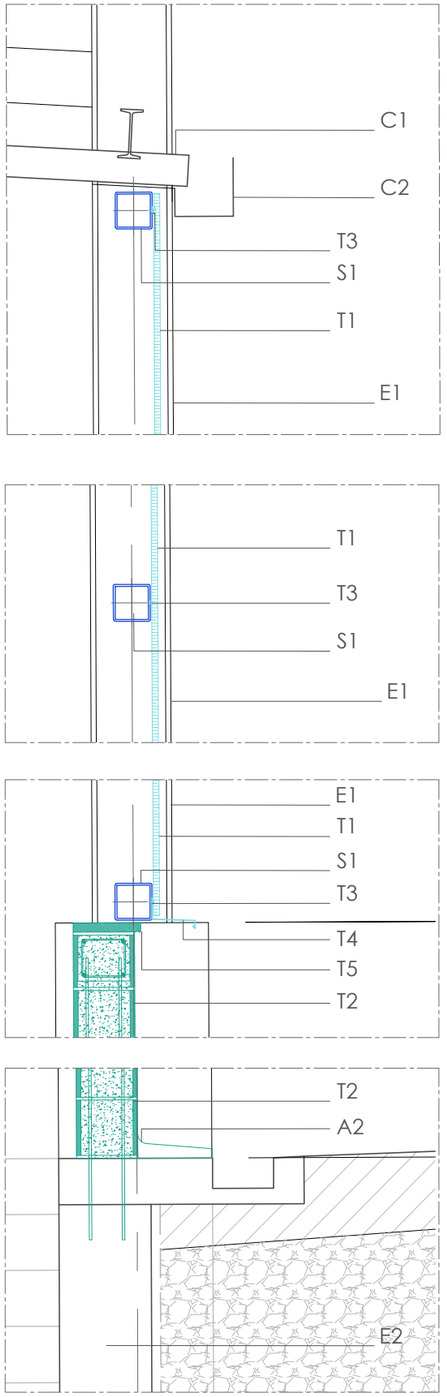




Secció CC'

MEMÒRIA VALORADA	PROMOTORA	ARQUITECTES		PLÀNOL	ESCALA	DATA	NUM.
ADEQUACIÓ I MILLORA ENERGÈTICA DE LA ZONA ESCOLAR, ESPORTIVA I SANITÀRIA DE **FREGINALS** (MONTSIÀ). FASE 3	AJUNTAMENT DE FREGINALS	PAULA CATALAN COAC n. 65854-5	INÉS AQUILUÉ COAC n. 61313-4	SECCIONS AA' I BB'	1:150 | A3	Març 2023	04

DETALL 1



COBERTA EXISTENT

C1. Panell de coberta existent.
C2. Canaló de xapa existent

ESTRUCTURA EXISTENT

E1. Pilar existent HEB-260
E2. Mur de contenció de terres existent de formigó armat e=40cm

SUBESTRUCTURA

S1. Biga tubular quadrat d'acer 120.120.6

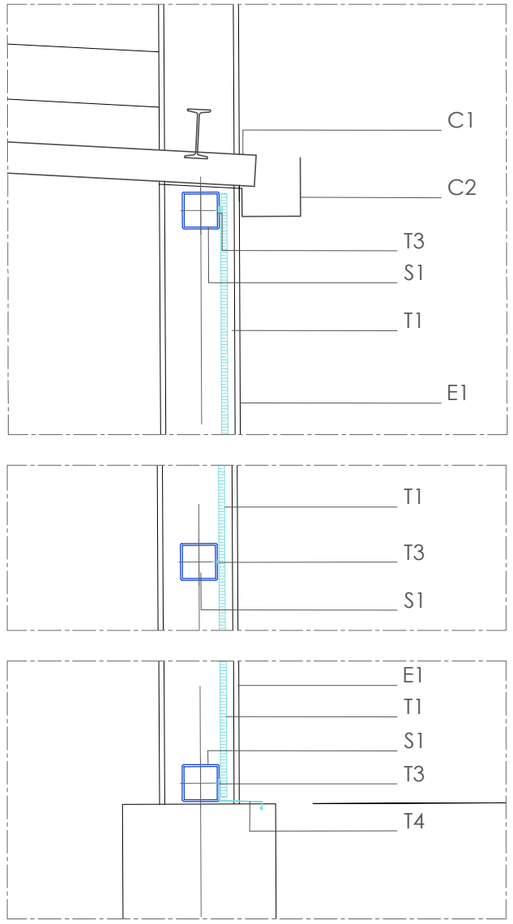
TANCAMENTS

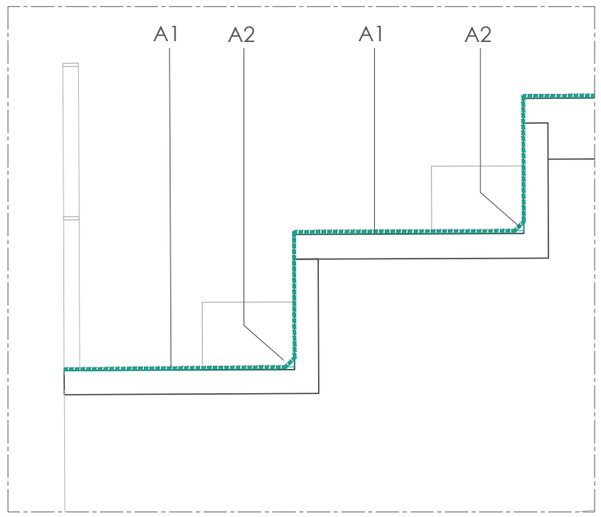
T1. Panell de policarbonat cel·lular 20mm
T2. Mur de 20 cm de gruix de bloc de morter ciment a dues cares vistes, armat amb cèrcol
T3. Perfil de subjecció dels panells a la subestructura.
T4. Xapa de remat inferior amb goteró
T5. Peça de morter de ciment de coronament de mur, amb inclinació a una banda i goteró.

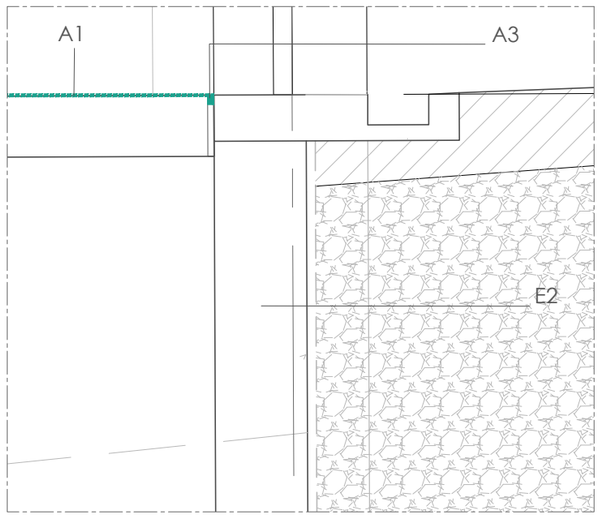
ACABATS

A1: Impermeabilització amb làmina amorfa
A2: Formació de mitja canya
A3: Segellat de junts

DETALL 2







MEMÒRIA VALORADA	PROMOTORA	ARQUITECTES		PLÀNOL	ESCALA	DATA	NUM.
ADEQUACIÓ I MILLORA ENERGÈTICA DE LA ZONA ESCOLAR, ESPORTIVA I SANITÀRIA DE **FREGINALS** (MONTSIÀ). FASE 3	AJUNTAMENT DE FREGINALS	PAULA CATALAN COAC n. 65854-5	INÉS AQUILUÉ COAC n. 61313-4	DETALLS DE FAÇANA	1:20 | A3	Març 2023	05

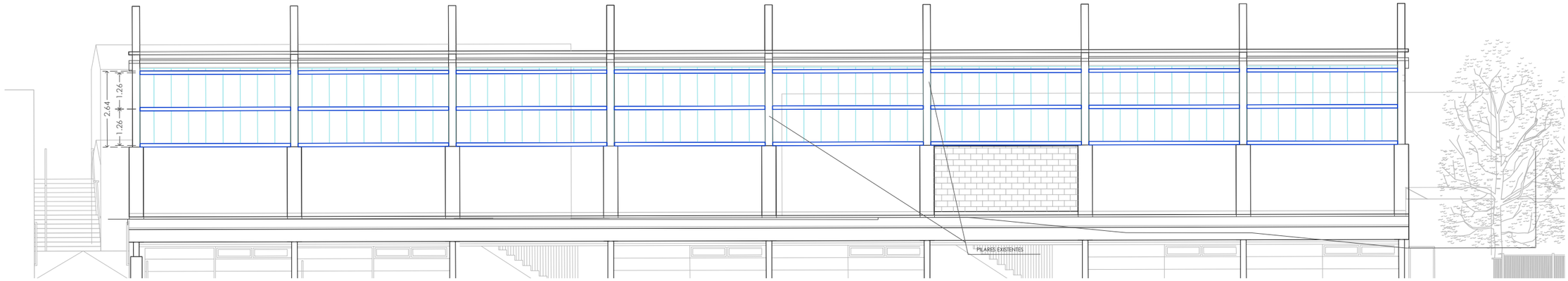
ESTRUCTURA EXISTENT

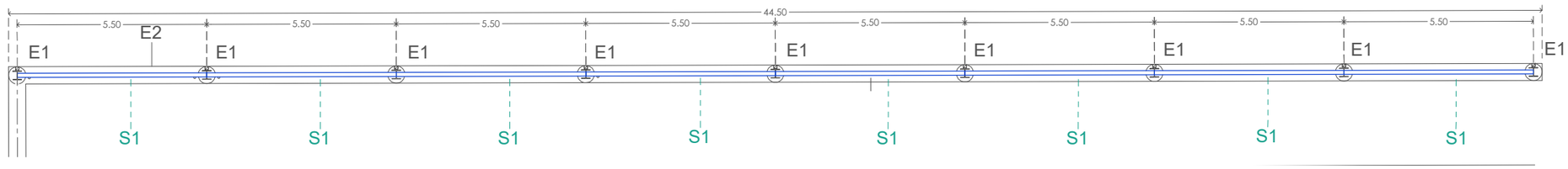
E1: Pilars existents HEB-260

E2: Mur de contenció de terres existent de formigó armat e=40cm

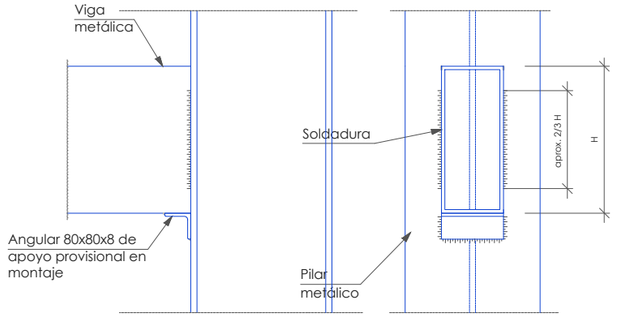
SUBESTRUCTURA DE PANELLS

S1: Subestructura horitzontal per a la fixació dels panells, mitjançant perfileria tubular # 120.6 soldada a pilars

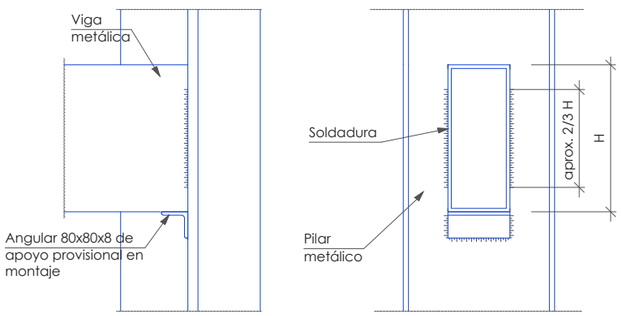




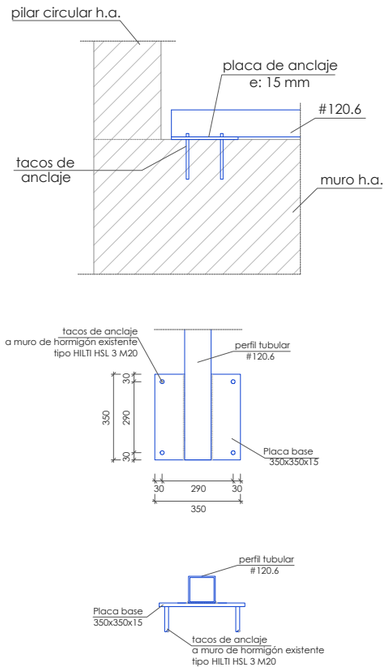
DETALLE SOLDADO PERFIL TUBULAR DE ACERO A ALA DE PERFIL HEB



DETALLE SOLDADO PERFIL TUBULAR DE ACERO A ALMA DE PERFIL HEB



DETALLE ENLACE PERFIL TUBULAR DE ACERO - PILAR CICULAR H.A. SOBRE MURO DE H.A.

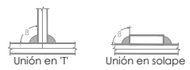


UNIONES SOLDADAS EN ESTRUCTURA METÁLICA

NORMA:
CTE DB SE-A: Código Técnico de la Edificación. Seguridad estructural. Acero. Apartado 8.6. Resistencia de los medios de unión. Uniones soldadas.

MATERIALES:
- Perfiles (Material base): S275.
- Material de aportación (soldaduras): Las características mecánicas de los materiales de aportación serán en todos los casos superiores a las del material base. (4.4.1 CTE DB SE-A)

DISPOSICIONES CONSTRUCTIVAS:
1) La siguientes prescripciones se aplican a uniones soldadas donde los espesores de las piezas a unir sean al menos de 4 mm.
2) Los cordones de las soldaduras en ángulo no podrán tener un espesor de garganta inferior a 3 mm ni superior al menor espesor de las piezas a unir.
3) Los cordones de las soldaduras en ángulo cuyas longitudes sean menores de 40 mm o 6 veces el espesor de garganta, no se tendrán en cuenta para calcular la resistencia de la unión.
4) En el detalle de las soldaduras en ángulo se indica la longitud efectiva del cordón (longitud sobre la cual el cordón tiene su espesor de garganta completo). Para cumplirla, puede ser necesario prolongar el cordón rodeando las esquinas, con el mismo espesor de garganta y una longitud de 2 veces dicho espesor. La longitud efectiva de un cordón de soldadura deberá ser mayor o igual que 4 veces el espesor de garganta. deberán cumplir con la condición b
5) Las soldaduras en ángulo entre dos piezas que forman un ángulo de que dicho ángulo esté comprendido entre 60 y 120 grados. En caso contrario:
-Si se cumple que b> 120 (grados): se considerará que no transmiten esfuerzos.
-Si se cumple que b<60 (grados): se considerarán como soldaduras a tope con penetración parcial.



COMPROBACIONES:
a) Cordones de soldadura a tope con penetración total:
En este caso, no es necesaria ninguna comprobación. La resistencia de la unión será igual a la de la más débil de las piezas unidas.

b) Cordones de soldadura a tope con penetración parcial y con preparación de bordes:
Se comprueban como soldaduras en ángulo considerando un espesor de garganta igual al canto nominal de la preparación menos 2 mm (artículo 8.6.3.3b del CTE DB SE-A).

c) Cordones de soldadura en ángulo:
Se realiza la comprobación de tensiones en cada cordón de soldadura según el artículo 8.6.2.3 CTE DB SE-A.

SE-AE: ACCIONES

PESO PROPIO Y CARGAS MUERTAS			
Panel de fachada	0,15 kN/m²		
Panel de cubierta *	0,50 kN/m²		
SOBRECARGAS DE USO			
Mantenimiento de cubierta *	0,40 kN/m²		
SISMO		**VIENTO**	
Aceleración básica:	<0,04g	X-Y:	44,50-27,35 m
Coeficiente de riesgo:	-,--	Grado de aspereza:	III
Coeficiente de terreno:	-,--	Velocidad Básica (Zona C)	
Amortiguamiento:	-,--		29 m/s
NIEVE *			
Altitud topográfica de la localidad:	79 m		
Carga sk:	0,40 kN/m²		
TÉRMICA			
Tª máxima en verano	42,0 °C		
Tª mínima en invierno	-13,0 °C		
Tª media anual	10,0 °C		
Incremento de Tª por radiación solar (W)	42,0 °C		
Incremento de Tª por radiación solar (N)	4,0 °C		
* Para comprobación de estructura existente			

MEMÒRIA VALORADA	PROMOTORA	ARQUITECTES		PLÀNOL	ESCALA	DATA	NUM.
ADEQUACIÓ I MILLORA ENERGÈTICA DE LA ZONA ESCOLAR, ESPORTIVA I SANITÀRIA DE **FREGINALS** (MONTSIÀ). FASE 3	AJUNTAMENT DE FREGINALS	PAULA CATALAN COAC n. 65854-5	INÉS AQUILUÉ COAC n. 61313-4	ESTRUCTURA - PLANTA I DETALLS	1:150 | A3	Març 2023	06

III. PLEC DE CONDICIONS

B MATERIALS I COMPOSTOS

B0 MATERIALS BÀSICS

B0A FERRETERIA

B0A5- CARGOL

0.- ELEMENTS QUE CONTEMPLA EL PLEC

B0A5-06VX.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DELS ELEMENTS

Tijes cilíndriques o còniques, amb filet de secció triangular que dibuixa sobre la seva superfície una hèlice contínua.
S'han considerat els tipus següents:
- Cargols autoroscants amb volandera
- Cargols taptite d'acer inoxidable
CARACTERÍSTIQUES GENERALS:
El perfil de la rosca del vis ha d'estar en relació amb el seu diàmetre (UNE 17-008), i la llargària de la rosca, en relació amb la seva llargària (UNE 17-051).
La forma del perfil de la rosca ha de permetre que el cargol faci l'efecte d'una broca, fent a la vegada el forat i la rosca.
La seva superfície ha de ser llisa, sense fissures, rebaves ni d'altres defectes superficials.
Els fils de la rosca no han de tenir defectes de material ni empremtes d'eines.
ACABAT CADMIAT:
El seu recobriment ha de ser llis, sense discontinuïtats ni exfoliacions i no ha de tenir taques ni imperfeccions superficials.
ACABAT GALVANITZAT:
El seu recobriment ha de ser llis, sense discontinuïtats ni exfoliacions i no ha de tenir taques ni imperfeccions superficials.
Protecció de galvanitzat: >= 275 g/m2
Puresa del zinc, en pes: >= 98,5%

2.- CONDICIONS DE SUBMINISTRAMENT I EMMAGATZEMATGE

Subministrament: Empaquetats.
Emmagatzematge: En llocs protegits de la pluja i la humitat.

3.- UNITAT I CRITERI D'AMIDAMENT

Unitat d'amidament: la indicada a la descripció de l'element
Criteri d'amidament: quantitat necessària subministrada a l'obra

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

No hi ha normativa de compliment obligatori.

B0 MATERIALS BÀSICS

B0A FERRETERIA

B0AP- TAC MECÀNIC METÀL·LIC

0.- ELEMENTS QUE CONTEMPLA EL PLEC

B0AP-TAC.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DELS ELEMENTS

Conjunt d'una peça per a encastar (tac) i un cargol o un vis. El sistema de subjecció del tac pot ser per adherència química o per expansió produida per la deformació de la peça en ser comprimida pel cargol.
S'han considerat els tipus següents:
- Tac d'expansió de niló i vis d'acer
- Tac d'expansió d'acer, amb vis, volandera i femella del mateix material
- Fixació mecànica formada per una base metàl·lica cargolada, vis d'acer, beina de PVC, volanderes d'estanquitat i tap de cautxú
- Tac químic format per una ampolla amb resina, cargol, volandera i femella
CARACTERÍSTIQUES GENERALS:
El disseny del tac ha de ser l'adient al suport i als esforços que ha de suportar.
Els cargols no han de tenir imperfeccions (rebaves, emprentes, etc) que impedeixin cargolar els elements.
El vis ha d'anar protegit contra la corrosió.
Els diàmetres del tac i vis han de ser compatibles.
El perfil de la femella ha de ser segons el seu diàmetre (UNE 17-008).
Cementació del vis: > 0,1 mm
VOLANDERES:
Diàmetre interior de la volandera:
- Diàmetre del cargol 10 mm: 11 mm
- Diàmetre del cargol 11 mm: 13 mm

2.- CONDICIONS DE SUBMINISTRAMENT I EMMAGATZEMATGE

Subministrament: S'ha de subministrar conjuntament amb totes les peces necessàries per a la seva correcta col·locació en capses, on han de figurar:
- Identificació del fabricant
- Diàmetres
- Llargàries
- Unitats
- Instruccions d'ús
Emmagatzematge: En llocs protegits de la pluja i la humitat.

3.- UNITAT I CRITERI D'AMIDAMENT

Unitat d'amidament: la indicada a la descripció de l'element
Criteri d'amidament: quantitat necessària subministrada a l'obra

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

No hi ha normativa de compliment obligatori.

B0 MATERIALS BÀSICS

B0C PLAQUES, PLANXES I TAULERS

B0C6 PLAQUES I PLANXES SINTÈTIQUES

B0C60- PLACA DE POLICARBONAT AMB CEL·LES

0.- ELEMENTS QUE CONTEMPLA EL PLEC

B0C60-1GAZ.

Plec de condicions

1.- DEFINICIÓ I CONDICIONS DELS ELEMENTS

Plaques de policarbonat cel·lular, extrusionat a partir de resines de policarbonat, amb tractament per a l'absorció de la radiació ultraviolada.
CARACTERÍSTIQUES GENERALS:
Ha de tenir un tractament per l'absorció de la radiació ultraviolada, realitzat per coextrusió, que asseguri la homogeneïtat de la placa.
Han de ser translúcides.
La coloració ha d'estar feta en massa i ha de ser uniforme i estable.
Les cares han de ser llises i no han de tenir defectes superficials com és ara fissures, cavitats, fibres lliures, bonys o porositats.
Cal que sigui impermeable.
Les arestes han de ser rectes i escairades.
Massa: >= 1700 g/m2
Densitat (UNE 53020): >= 1200 kg/m3
Conductivitat tèrmica: <= 3,6 W/m2 K
Dilatació tèrmica: <= 0,065 mm/m °C
Coeficient de transmissió lluminosa: >= 75%
Absorció d'aigua 24 h (UNE 53028): <= 10 mg
Reacció al foc (UNE-EN 13501-1): CFL-s2
Mòdul elasticitat: >= 2100 N/mm2
Resistència a l'estirament: >= 55 N/mm2
Radi mínim de curvatura: >= 1500 N/mm2
Toleràncies:
- Llargària: ± 5 mm
- Amplària nominal: ± 10 mm
- Gruix: ± 0,4 mm
- Escairat: ± 1°

2.- CONDICIONS DE SUBMINISTRAMENT I EMMAGATZEMATGE

Subministrament: Empaquetades en palets. El nombre màxim de plaques per paquet depèn de la llargària. La placa ha de portar marcada de forma llegible i difícilment alterable la marca del fabricant i la data de fabricació.
Emmagatzematge: En llocs protegits de cops i de la intempèrie, sobre una superfície plana i anivellada. Es permet d'apilar fins a sis alçades, separades del terra i entre elles per mitjà de llistons.

3.- UNITAT I CRITERI D'AMIDAMENT

Unitat d'amidament: la indicada a la descripció de l'element
Criteri d'amidament: quantitat necessària subministrada a l'obra

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

No hi ha normativa de compliment obligatori.

5.- CONDICIONS DE CONTROL DE RECEPCIÓ

CONDICIONS DE MARCATGE I CONTROL DE LA DOCUMENTACIÓ:
Si el material ha de ser component de les obertures del tancament exterior d'un espai habitable, el fabricant ha de declarar, com a mínim, els valors per les propietats següents:
- Transmitància tèrmica U (W/m2K)
- Factor solar
OPERACIONS DE CONTROL:
Les tasques de control a realitzar són les següents:
Inspecció visual del material a la seva recepció.
- Abans de començar l'obra, si varia el subministrament, i per cada tipus diferent que arribi a l'obra, es demanaran al contractista els certificats del fabricant que garanteixin el compliment del plec de condicions tècniques, incloent els resultats dels assaigs següents, realitzats per un laboratori acreditat: - Massa - Densitat (UNE 53-020) - Coeficient de transmisió tèrmica - Dilatació tèrmica - Coeficient de transmisió lluminosa - Mòdul d'elasticitat - Resistència a l'estirament - Radi mínim de curvatura - Absorció d'aigua en 24 h (UNE 53-028) - Reacció al foc (UNE 23-727) - Característiques geomètriques.
En cas de no presentar aquests resultats, o que la DF tingui dubtes de la seva representativitat, es realitzaran aquests assaigs sobre el material rebut, a càrrec del contractista.
En cas de que el material disposi de la Marca AENOR, marcatge CE o altre legalment reconeguda

a un país de l'UE, es pot prescindir de la presentació dels assaigs de control de recepció.
CRITERIS DE PRESA DE MOSTRES:
Els controls s'han de realitzar segons les instruccions de la DF i els criteris indicats a les normes de procediment corresponents.
INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
Si en els terminis establerts al començar l'obra no es fa l'entrega dels certificats de qualitat del fabricant, s'ha de realitzar una sèrie completa d'assaigs a càrrec del Contractista.
Els resultats dels assaigs sobre totes les peces de les mostres han de complir les condicions especificades. En cas d'incompliment, s'ha de repetir l'assaig, a càrrec del contractista, sobre el doble número de mostres del mateix lot, acceptant-se aquest, quan els resultats obtinguts sobre totes les peces resultin satisfactoris.

B4 ESTRUCTURES

B44 MATERIALS D'ACER PER A ESTRUCTURES

B44Z- PERFIL D'ACER PER A ESTRUCTURES

0.- ELEMENTS QUE CONTEMPLA EL PLEC

B44Z-0LYB,B44Z-0LWF,B44Z-0LX2.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DELS ELEMENTS

Perfils d'acer per a usos estructurals, formats per peça simple o composta i tallats a mida o treballats a taller.
S'han considerat els tipus següents:
- Perfils d'acer laminat en calent, de les sèries IPN, IPE, HEA, HEB, HEM o UPN, d'acer S275JR, S275J0, S275J2, S355JR, S355J0 o S355J2, segons UNE-EN 10025-2
- Perfils d'acer laminat en calent de les sèries L, LD, T, rodó, quadrat, rectangular o planxa, d'acer S275JR, S275J0, S275J2, S355JR, S355J0 o S355J2, segons UNE-EN 10025-2
- Perfils foradats d'acer laminat en calent de les sèries rodó, quadrat o rectangular d'acer S275J0H o S355J2H, segons UNE-EN 10210-1
- Perfils foradats conformats en fred de les sèries rodó, quadrat o rectangular d'acer S275J0H o S355J2H, segons UNE-EN 10219-1
- Perfils conformats en fred, de les sèries L, LD, U, C, Z, o Omega, d'acer S235JRC, segons UNE-EN 10025-2
- Perfils d'acer laminat en calent, en planxa, d'acer amb resistència millorada a la corrosió atmosfèrica S355J0WP o S355J2WP, segons UNE-EN 10025-5
S'han considerat els tipus d'unió següents:
- Amb soldadura
- Amb cargols
S'han considerat els acabats de protecció següents (no aplicable als perfils d'acer amb resistència millorada a la corrosió atmosfèrica):
- Una capa d'emprimació antioxidant
- Galvanitzat
CARACTERÍSTIQUES GENERALS:
No ha de tenir defectes interns o externs que perjudiquin la seva correcta utilització.
PERFILS D'ACER LAMINAT EN CALENT:
El fabricant ha de garantir que la composició química i les característiques mecàniques i tecnològiques de l'acer utilitzat en la fabricació de perfils, seccions i planxes, compleix les determinacions de les normes de condicions tècniques de subministrament següents:
- Perfils d'acer laminat en calent: UNE-EN 10025-1 i UNE-EN 10025-2
- Perfils d'acer laminat en calent amb resistència millorada a la corrosió atmosfèrica: UNE-EN 10025-1 i PNE-EN 10025-5
Les dimensions i les toleràncies dimensionals i de forma han de ser les indicades a les següents normes:
- Perfil IPN: UNE-EN 10024
- Perfil IPE, HEA, HEB i HEM: UNE-EN 10034
- Perfil UPN: UNE-EN 10279
- Perfil L i LD: UNE-EN 10056-1 i UNE-EN 10056-2
- Perfil T: UNE-EN 10055

- Rodó: UNE-EN 10060
- Quadrat: UNE-EN 10059
- Rectangular: UNE-EN 10058
- Planxa: EN 10029 o UNE-EN 10051

PERFILS FORADATS:
El fabricant ha de garantir que la composició química i les característiques mecàniques i tecnològiques de l'acer utilitzat en la fabricació de perfils compleix les determinacions de les normes de condicions tècniques de subministrament següents:
- Perfils foradats d'acer laminat en calent: UNE-EN 10210-1
- Perfils foradats conformats en fred: UNE-EN 10219-1

Les toleràncies dimensionals han de complir les especificacions de les següents normes:
- Perfils foradats d'acer laminat en calent: UNE-EN 10210-2
- Perfils foradats conformats en fred: UNE-EN 10219-2

PERFILS CONFORMATS EN FRED:
El fabricant ha de garantir que la composició química i les característiques mecàniques i tecnològiques de l'acer utilitzat en la fabricació de perfils i seccions, compleix les determinacions de les normes de condicions tècniques de subministrament del producte de partida.
Les toleràncies dimensionals i de la secció transversal han de complir les especificacions de la norma UNE-EN 10162.
PERFILS TREBALLATS A TALLER AMB SOLDADURA:
El material d'aportació utilitzat ha de ser apropiat als materials a soldar i al procediment de soldadura.
Les característiques mecàniques del material d'aportació han de ser superiors a les del material base.
En acers de resistència millorada a la corrosió atmosfèrica, la resistència a la corrosió del material d'aportació ha de ser equivalent a la del material base.
Els procediments autoritzats per a realitzar unions soldades són:
- Per arc elèctric manual amb elèctrode revestit
- Per arc amb fil tubular, sense protecció gasosa
- Per arc submergit amb fil/filferro
- Per arc submergit amb elèctrode nu
- Per arc amb gas inert
- Per arc amb gas actiu
- Per arc amb fil tubular, amb protecció de gas actiu
- Per arc amb fil tubular, amb protecció de gas inert
- Per arc amb elèctrode de wolfram i gas inert
- Per arc de connectors

Les soldadures s'han de fer per soldadors certificats per un organisme acreditat i qualificats segons l'UNE-EN 287-1.
Abans de començar a soldar s'ha de verificar que les superfícies i vores a soldar són adequades al procés de soldadura i que estan lliures de fissures.
Totes les superfícies a soldar s'han de netejar de qualsevol material que pugui afectar negativament la qualitat de la soldadura o perjudicar el procés de soldatge. S'han de mantenir seques i lliures de condensacions.
S'ha d'evitar la projecció d'espurnes erràtiques de l'arc. Si es produeix s'ha de sanejar la superfície d'acer.
S'ha d'evitar la projecció de soldadura. Si es produeix s'ha d'eliminar.
Els components a soldar han d'estar correctament col·locats i fixos en la seva posició mitjançant dispositius adequats o soldadures de punteig, de manera que les unions a soldar siguin accessibles i visibles per al soldador. No s'han d'introduir soldadures addicionals.
L'armat dels components estructurals s'ha de fer de manera que les dimensions finals estiguin dintre de les toleràncies establertes.
Les soldadures provisionals s'han d'executar seguint les especificacions generals. S'han d'eliminar totes les soldadures de punteig que no s'incorporin a les soldadures finals.
Quan el tipus de material de l'acer i/o la velocitat de refredament puguin produir un enduriment de la zona tèrmicament afectada s'ha de considerar la utilització del precalentament. Aquest s'ha d'estendre 75 mm en cada component del metall base.
No s'ha d'accelerar el refredament de les soldadures amb mitjans artificials.
Els cordons de soldadura successius no han de produir osques.
Els defectes de soldadura no s'han de tapar amb soldadures posteriors. S'han d'eliminar de cada passada abans de fer la següent.
Després de fer un cordó de soldadura i abans de fer el següent, cal netejar l'escòria per mitjà d'una picola i d'un raspall.
L'execució dels diferents tipus de soldadures s'ha de fer d'acord amb els requisits establerts a l'apartat 10.3.4 del DB-SE A i l'article 77 de l'EAE o l'article 94 del CODI ESTRUCTURAL per a obres d'edificació o d'acord amb l'article 640.5.2 del PG3 i l'article 77 de l'EAE o l'article 94 del CODI ESTRUCTURAL per a obres d'enginyeria civil.
S'ha de reduir al mínim el nombre de soldadures a efectuar a l'obra.
Les operacions de tall s'han de fer amb serra, cisalla i oxitall automàtic. S'admet l'oxitall manual únicament quan el procediment automàtic no es pugui practicar.
S'accepten els talls fets amb oxitall si no presenten irregularitats significatives i si s'eliminin les restes d'escòria.

Es poden utilitzar procediments de conformat en calent o en fred sempre que les característiques del material no queden per sota dels valors especificats.
Per al conformat en calent s'han de seguir les recomanacions del productor siderúrgic. El doblat o conformat no s'ha de fer durant l'interval de calor blau (250°C a 380°C).
El conformat en fred s'ha de fer respectant les limitacions indicades en la norma del producte. No s'admeten les martellades.
Els angles entrants i entalles han de tenir un acabat arrodonit amb un radi mínim de 5 mm.
Tolerències de fabricació:
- En obres d'edificació: Límits establerts a l'apartat 11.1 de DB-SE A
- En obres d'enginyeria civil: Límits establerts a l'article 640.12 del PG3
PERFILS TREBALLATS A TALLER AMB CARGOLS:
S'utilitzaran cargols normalitzats d'acord a les normes recollides a la taula 29.2.b de l'EAE o la taula 85.2.b del CODI ESTRUCTURAL
Els cargols aixamfranats, cargols calibrats, perns articulats i els cargols hexagonals d'injecció s'han d'utilitzar seguint les instruccions del seu fabricant i han de complir els requisits addicionals establerts a l'article 29.2 de l'EAE o l'article 85.2 del CODI ESTRUCTURAL.
La situació dels cargols a la unió ha de ser tal que redueixi la possibilitat de corrosió i pandeig local de les xapes, i ha de facilitar el muntatge i les inspeccions.
El diàmetre nominal mínim dels cargols ha de ser de 12 mm.
La rosca pot estar inclosa en el pla de tall, excepte en el cas que els cargols s'utilitzin com a calibrats.
Després del collat l'espiga del cargol ha de sobresortir de la rosca de la femella. Entre la superfície de recolzament de la femella i la part no roscada de l'espiga ha d'haver, com a mínim:
- En cargols pretesats: 4 filets complerts més la sortida de la rosca
- En cargols sense pretesar: 1 filet complert més la sortida de la rosca
Les superfícies dels caps de cargols i femelles han d'estar perfectament planes i netes.
En els cargols col·locats en posició vertical, la femella ha d'estar situada per sota del cap del cargol.
En els forats rodons normals i amb cargols sense pretesar no és necessari utilitzar volanderes. Si s'utilitzen han d'anar sota el cap dels cargols, han de ser aixamfranades i el xamfrà ha d'estar situat en direcció al cap del cargol.
En els cargols pretesats, les volanderes han de ser planes endurides i han d'anar col·locades de la forma següent:
- Cargols 10.9: sota el cap del cargol i de la femella
- Cargols 8.8: sota de l'element que gira
Els forats per als cargols s'han de fer amb perforadora mecànica. S'admet un altre procediment sempre que proporcioni un acabat equivalent.
Es permet l'execució de forats amb punxonatge sempre que es compleixin els requisits establerts a l'apartat 10.2.3 del DB-SE A en obres d'edificació o els establerts a l'apartat 640.5.1.1 del PG3 en obres d'enginyeria civil.
És recomanable que, sempre que sigui possible, es perforin d'un sol cop els forats que travessin dues o més peces.
Els forats allargats s'han de fer amb una operació de punxonatge, o amb la perforació o punxonatge de dos forats i posterior oxitall.
Després de perforar les peces i abans d'unir-les s'han d'eliminar les rebaves.
Els cargols i les femelles no s'han de soldar, a menys que així ho expliciti el plec de condicions tècniques particulars.
S'han de col·locar el nombre suficient de cargols de muntatge per assegurar la immobilitat de les peces armades i el contacte íntim de les peces d'unió.
Les femelles s'han de muntar de manera que la seva marca de designació sigui visible després del muntatge.
En els cargols sense pretesar, cada conjunt de cargol, femella i volandera(es) s'ha de collar fins arribar al "collat a tocar" sense sobretesar els cargols. En grups de cargols aquest procés s'ha de fer progressivament començant pels cargols situats al centre. Si és necessari s'han de fer cicles addicionals de collat .
Abans de començar el pretesat, els cargols pretesats d'un grup s'han de collar d'acord amb el que s'ha indicat per als cargols sense pretesar. Per a que el pretesat sigui uniforme s'han de fer cicles addicionals de collat.
S'han de retirar els conjunts de cargol pretesat, femella i volandera(es) que després de collats fins al pretesat mínim, s'afluixin.
El collat dels cargols pretesats s'ha de fer seguint un dels procediments següents:
- Mètode de la clau dinamomètrica.
- Mètode de la femella indicadora.
- Mètode convinat.
Les operacions de tall s'han de fer amb serra, cisalla i oxitall automàtic. S'admet l'oxitall manual únicament quan el procediment automàtic no es pugui practicar.
S'accepten els talls fets amb oxitall si no presenten irregularitats significatives i si s'eliminin les restes d'escòria.
Es poden utilitzar procediments de conformat en calent o en fred sempre que les característiques del material no queden per sota dels valors especificats.
Per al conformat en calent s'han de seguir les recomanacions del productor siderúrgic. El

doblat o conformat no s'ha de fer durant l'interval de calor blau (250°C a 380°C).
El conformat en fred s'ha de fer respectant les limitacions indicades en la norma del producte. No s'admeten les martellades.
Els angles entrants i entalles han de tenir un acabat arrodonit amb un radi mínim de 5 mm.
Toleràncies de fabricació:
- En obres d'edificació: Límits establerts a l'apartat 11.1 de DB-SE A
- En obres d'enginyeria civil: Límits establerts als apartat 640.5 i 640.12 del PG3
PERFILS PROTEGITS AMB EMPRIMACIÓ ANTIOXIDANT:
La capa d'emprimació antioxidant ha de cobrir de manera uniforme totes les superfícies de la peça.
No ha de tenir fissures, bosses ni altres desperfectes.
Abans d'aplicar la capa d'emprimació les superfícies a pintar han d'estar preparades adequadament d'acord amb les normes UNE-EN ISO 8504-1, UNE-EN ISO 8504-2 i UNE-EN ISO 8504-3.
Prèviament al pintat s'ha de comprovar que les superfícies compleixen els requisits donats pel fabricant per al producte a aplicar.
La pintura d'emprimació s'ha d'utilitzar seguint les instruccions del seu fabricant. No s'utilitzarà si ha superat el temps de vida útil o el temps d'enduriment després de l'obertura del recipient.
Si s'aplica més d'una capa s'ha d'utilitzar per a cadascuna un color diferent.
Després de l'aplicació de la pintura les superfícies s'han de protegir de l'acumulació d'aigua durant un cert temps.
No s'han d'utilitzar materials de protecció que perjudiquin la qualitat de la soldadura a menys de 150 mm de la zona a soldar.
Les soldadures i el metall base adjacent no s'han de pintar sense haver eliminat prèviament l'escòria.
La zona sense revestir situada al voltant del perímetre de la unió amb cargols no s'ha de tractar fins que no s'hagi inspeccionat la unió.
PERFILS GALVANITZATS:
El recobriment de zinc ha de ser homogeni i continu en tota la superfície.
No s'han d'apreciar esquerdes, exfoliacions ni despreniments del recobriment.
La galvanització s'ha de fer d'acord amb les normes UNE-EN ISO 1460 o UNE-EN ISO 1461, segons correspongui.
S'han de segellar totes les soldadures abans de fer un decapat previ a la galvanització.
Si el component prefabricat té espais tancats s'han de disposar forats de ventilació o purga.
Abans de pintar-les, les superfícies galvanitzades s'han de netejar i tractar amb pintura anticorrosiva amb diluent àcid o amb raig escombrador.

2.- CONDICIONS DE SUBMINISTRAMENT I EMMAGATZEMATGE

Subministrament: de manera que no pateixin deformacions, ni esforços no previstos.
Emmagatzematge: Seguint les instruccions del fabricant. En llocs secs, sense contacte directe amb el terra i protegits de la intempèrie, de manera que no s'alterin les seves condicions.
No s'han d'utilitzar si s'ha superat la vida útil en magatzem especificada pel fabricant.

3.- UNITAT I CRITERI D'AMIDAMENT

kg de pes necessari subministrat a l'obra, calculat segons les especificacions de la DT, d'acord amb els criteris següents:
- El pes unitari per al seu càlcul ha de ser el teòric
- Per a poder utilitzar un altre valor diferent del teòric, cal l'acceptació expressa de la DF
Aquests criteris inclouen les pèrdues de material corresponents a retalls.

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

NORMATIVA GENERAL:
UNE-EN 10025-1:2006 Productos laminados en caliente de aceros para estructuras. Parte 1: Condiciones técnicas generales de suministro.
UNE-EN 10025-2:2006 Productos laminados en caliente de aceros para estructuras. Parte 2: Condiciones técnicas de suministro de los aceros estructurales no aleados.
UNE-EN 10210-1:1994 Perfiles huecos para construcción, acabados en caliente, de acero no aleado de grano fino. Parte 1: condiciones técnicas de suministro.
UNE-EN 10219-1:1998 Perfiles huecos para construcción conformados en frío de acero no aleado y de grano fino. Parte 1: Condiciones técnicas de suministro.
UNE-EN 10162:2005 Perfiles de acero conformados en frío. Condiciones técnicas de suministro. Tolerancias dimensionales y de la sección transversal.
OBRES D'EDIFICACIÓ:
Real Decreto 751/2011, de 27 de mayo, por el que se aprueba la Instrucción de Acero Estructural (EAE).
Real Decreto 470/2021, de 29 de junio, por el que se aprueba el Código Estructural.
Real Decreto 470/2021, de 29 de junio, por el que se aprueba el Código Estructural.

* UNE-ENV 1090-1:1997 Ejecución de estructuras de acero. Parte 1: Reglas generales y reglas para edificación.
OBRES D'ENGINYERIA CIVIL:
Real Decreto 751/2011, de 27 de mayo, por el que se aprueba la Instrucción de Acero Estructural (EAE).
Real Decreto 470/2021, de 29 de junio, por el que se aprueba el Código Estructural.
* Orden FOM/475/2002 de 13 de febrero, por la que se actualizan determinados artículos del Pliego de Prescripciones Técnicas Generales para Obras de Carreteras y Puentes relativos a Hormigones y Acero (PG-3).

5.- CONDICIONS DE CONTROL DE RECEPCIÓ

CONDICIONS DE MARCATGE I CONTROL DE LA DOCUMENTACIÓ EN PERFILS D'ACER LAMINAT I PERFILS D'ACER BUITS:
Cada producte ha d'anar marcat de forma clara i indeleble amb la següent informació:
- El tipus, la qualitat i, si és aplicable, la condició de subministrament mitjançant la seva designació abreujada
- Un número que identifiqui la colada (aplicable únicament en el cas d'inspecció per colades) i, si és aplicable, la mostra
- El nom del fabricant o la seva marca comercial
- La marca de l'organisme de control extern (quan sigui aplicable)
- Han de portar el marcatge CE de conformitat amb el que disposa el Reial Decret 1328/1995, de 28 de juliol
La marca ha d'estar situada en una posició propera a un dels extrems de cada producte o en la secció transversal de tall.
Quan els productes es subministren en paquets el marcatge s'ha de fer amb una etiqueta adherida al paquet o sobre el primer producte del mateix.
PERFILS D'ACER LAMINAT EN CALENT:
El subministrador ha de posar a disposició de la DF en el cas que aquesta ho sol·liciti, la documentació següent, que acredita el marcatge CE, segons el sistema d'avaluació de conformitat aplicable, d'acord amb el que disposa l'apartat 7.2.1 del CTE: - Productes per a ús en estructures metàl·liques o en estructures mixtes metall i formigó: - Sistema 2+: Declaració de Prestacions
El símbol normalitzat CE (d'acord amb la directiva 93/68/CEE) s'ha de col·locar sobre el producte acompanyat per:
- El número d'identificació de l'organisme de certificació
- El nom o marca comercial i adreça declarada del fabricant
- Les dues ultimes xifres de l'any d'impressió del marcat
- El número del certificat de conformitat CE o del certificat de producció en fàbrica (si és procedent)
- Referència a la norma EN 10025-1
- Descripció del producte: nom genèric, material, dimensions i ús previst
- Informació de les característiques essencials indicades de la següent forma: - Designació del producte d'acord amb la norma corresponent de toleràncies dimensionals, segons el capítol 2 de la norma EN 10025-1 - Designació del producte d'acord amb l'apartat 4.2 de les normes EN 10025-2 a EN 10025-6
CONDICIONS DE MARCATGE I CONTROL DE LA DOCUMENTACIÓ EN PERFILS D'ACER CONFORMATS:
Han d'anar marcats individualment o sobre el paquet amb una marca clara i indeleble que contingui la següent informació:
- Dimensions del perfil o número del plànol de diseny
- Tipus i qualitat de l'acer
- Referència que indiqui que els perfils s'han fabricat i assajat segons UNE-EN 10162; si es requereix, el marcatge CE
- Nom o logotipus del fabricant
- Codi de producció
- Identificació del laboratori d'assaigs extern (quan sigui aplicable)
- Codi de barres, segons ENV 606, quan la informació mínima anterior es faciliti amb un text clar
CONDICIONS DE MARCATGE I CONTROL DE LA DOCUMENTACIÓ EN PERFILS FORADATS:
Cada perfil ha d'anar marcat de forma clara i indeleble amb la següent informació:
- La designació abreujada
- El nom o les sigles (marca de fàbrica) del fabricant
- En el cas d'inspecció i assaigs específics, un número d'identificació, per exemple el número de comanda, que permeti relacionar el producte o la unitat de subministrament i el document corresponent (únicament aplicable als perfils foradats conformats en fred)
Quan els productes es subministren en paquets el marcatge es pot fer amb una etiqueta adherida al paquet.
OPERACIONS DE CONTROL:
El control de recepció de material verificarà que les característiques dels materials són coincidents amb l'establert en la DT. Aquest control ha de complir l'especificat en l'apartat 7.2 del CTE.
Control de documentació: documents d'origen (full de subministrament i etiquetat), certificat

de garantia del fabricant, en el seu cas, (signat per persona física) i els documents de conformitat o autoritzacions administratives exigides, inclòs la documentació corresponent al marcatge CE quan sigui pertinent.
Control mitjançant distintius de qualitat i avaluacions d'idoneïtat: En el cas que el fabricant disposi de marques de qualitat, ha d'aportar-ne la documentació corresponent
Control de recepció mitjançant assaigs: Si el material disposa d'una marca legalment reconeguda a un país de la CEE (Marcatge CE, AENOR, etc.) es podrà prescindir dels assaigs de control de recepció de les característiques del material garantides per la marca; i la DF sol·licitarà en aquest cas, els resultats dels assaigs corresponents al subministrament rebut. En qualsevol cas, la DF podrà sol·licitar assaigs de control de recepció si ho creu convenient.
Inspecció visual del material a la seva recepció. Es controlaran les característiques geomètriques com a mínim sobre un 10% de les peces rebudes. El subministrament del material es realitzarà amb la inspecció requerida (UNE-EN 10204).
A efectes de control d'apilament, la unitat d'inspecció ha de complir les següents condicions:
- Correspondència en el mateix tipus i grau d'acer
- Procedència de fabricant
- Pertany a la mateixa sèrie en funció del gruix màxim de la secció: - Sèrie lleugera: e <= 16 mm - Sèrie mitja: 16 mm <= e <= 40 mm - Sèrie pesada: e > 40 mm
En el cas que es realitzi el control mitjançant assaigs, s'ha de fer les comprovacions següents:
- Les unitats d'inspecció seran fraccions de cada grup afí, amb un pes màxim de 20 t per lot.
- Per a cada lot , es realitzaran els següents assaigs: - Determinació quantitativa de sofre (UNE 7-019) - Determinació quantitativa fòsfor (UNE 7-029) - Determinació del contingut de nitrogen (UNE 36-317-1) - Determinació quantitativa del contingut de carboni (UNE 7014)
- En una mostra d'acer laminat, per a cada lot , es realitzaran a més, els següents assaigs: - Determinació quantitativa de manganès (UNE 7027) - Determinació gravimètrica de silici (UNE 7028) - Assaig a flexió pel xoc d'una proveta de planxa d'acer (UNE 7475-1) - Determinació de la duresa brinell d'una proveta (UNE-EN-ISO 6506-1)
- En una mostra de perfils d'acer buits, per a cada lot, es realitzaran a més, els següents assaigs: - Assaig d'aixafada (UNE-EN ISO 8492)
- En el cas de perfils galvanitzats, es comprovarà la massa i gruix del recobriment (UNE-EN ISO 1461, UNE-EN ISO 2178).
OPERACIONS DE CONTROL EN UNIONS SOLDADES:
Recepció del certificat de qualitat de les característiques dels elèctrodes.
Abans de començar l'obra, i sempre que es canviï el tipus de material d'aportació:
- Preparació d'una proveta mecanitzada, soldades amb el material d'aportació previst, i assaig a tracció (UNE-EN ISO 15792-2). Abans d'aquest assaig, es realitzarà una radiografia de la soldadura realitzada (UNE-EN 1435), per tal de constatar que el cordó està totalment ple de material d'aportació.
- Assaig de tracció del metall aportat(UNE-EN ISO 15792-2) 1 provetes
- Assaig de resiliència del metall aportat (UNE-EN ISO 15792-2) 1 provetes
CRITERIS DE PRESA DE MOSTRES:
Les mostres per als assaigs químics es prendran de la unitat d'inspecció segons els criteris establerts a la norma UNE-EN ISO 14284.
En perfils laminats i conformats les mostres per als assaigs mecànics es prendran segons els criteris establerts a les UNE EN 10025-2 a UNE 10025-6. Les localitzacions de les mostres seguiran els criteris establerts a l'annex A de l'UNE EN 10025-1.
Per la preparació de les provetes s'aplicaran els requisits establerts a la UNE-EN ISO 377.
Per la preparació de provetes per assaig de tracció s'aplicarà la UNE-EN 10002-1.
En perfils laminats, per la preparació de provetes per assaig a flexió per xoc (resiliència) s'aplicarà la UNE 10045-1. També son d'aplicació els següents requeriments:
- Gruix nominal >12 mm: mecanitzar provetes de 10x10 mm
- Gruix nominal <= 12 mm: l'ample mínim de la proveta serà de 5 mm
Les mostres i provetes tenen que estar marcades de manera que es reconeguin els productes originals, així com la seva localització i orientació del producte.
Les mostres i els criteris de conformitat per als perfils buits, queden establerts a la norma UNE-EN 10219-1 seguint els parametres de la taula D.1
INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
No es podrà acceptar perfils que no estiguin amb les garanties corresponents i no vagin marcats adequadament.
Si els resultats de tots els assaigs de recepció d'un lot acompleixen el prescrit, aquest és acceptable.
Si algun resultat no acompleix el prescrit, però s'ha observat en el corresponent assaig alguna anomalia no imputable al material (com defecte en la mecanització de la proveta, irregular funcionament de la maquinaria d'assaig...) l'assaig es considerarà nul i caldrà repetir-lo correctament amb una nova proveta.
Si algun resultat no acompleix el prescrit havent-ho realitzat correctament, es realitzaran 2 contrassaigs segons UNE-EN 10021, sobre provetes preses de dues peces diferents del lot que s'està assajant. Si ambdós resultats (dels contrassaigs) compleixen el prescrit, la unitat d'inspecció serà acceptable, en cas contrari es rebutjarà.
Quan es sobrepassi alguna de les toleràncies especificades en algun control geomètric, es

rebutjarà la peça incorrecta. A més a més, s'augmentarà el control, en l'apartat incomplet, fins a un 20% d'unitats. Si encara es troben irregularitats, es faran les oportunes correccions i/o rebuigs i es farà el control sobre el 100 % de les unitats amb les oportunes actuacions segons el resultat.
INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT EN UNIONS SOLDADES:
El material d'aportació complirà les condicions mecàniques indicades.
En les provetes preparades amb soldadures, la línia de ruptura ha de quedar fora de la zona d'influència de la soldadura.

B7 IMPERMEABILITZACIONS I AÏLLAMENTS

B7J MATERIALS PER A JUNTS, SEGELLATS I RECONSTRUCCIÓ VOLUMS

B7JE- MASSILLA PER A SEGELLATS, D'APLICACIÓ AMB PISTOLA

0.- ELEMENTS QUE CONTEMPLA EL PLEC

B7JE-0GTM.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DELS ELEMENTS

Materials plàstics de diferent composició, sense forma específica que serveixen per a tancar un junt entre materials d'obra per a que en quedi garantida l'estanquitat.
S'han considerat els tipus següents:
- Massilla de silicona: Màstic monocomponent de cautxú de silicona, d'elasticitat permanent, amb sistema reactiu acètic (àcid), amínic (bàsic) o neutre
- Massilla de polisulfurs bicomponent: Màstic elastòmer bicomponent de resines epoxi i cautxú de polisulfurs amb additius i càrregues
- Massilla de poliuretà monocomponent o bicomponent: Màstic de poliuretà amb additius i càrregues d'elasticitat permanent
- Massilla acrílica: Màstic monocomponent de consistència plàstica de polímers acrílics en dispersió aquosa, amb additius i càrregues
- Massilla de butils: Màstic monocomponent tixotròpic de cautxú butil d'elasticitat permanent
- Massilla d'oleo-resines: Màstic monocomponent d'òleo-resines amb additius i càrregues de plasticitat permanent
- Massilla de cautxú-asfalt: Massilla d'aplicació en fred, a base de betums asfàltics, resines, fibres minerals i elastómers
- Massilla asfàltica d'aplicació en calent, a base de betums modificats amb elastòmers i càrregues minerals
- Escuma de poliuretà en aerosol: Escuma monocomponent autoexpandible
- Massilla per a junt de plaques de guix laminat
CARACTERÍSTIQUES GENERALS:
No ha de tenir grumolls ni principis d'aglomeració.
Excepte la massilla de cautxú-asfalt, l'asfàltica i la utilitzada per a plaques de cartó-guix, la resta de massilles han de tenir la consistència adequada per a la seva aplicació amb pistola.
Característiques físiques:

Tipus massilla	Densitat a 20°C (g/cm3)	Temperatura d'aplicació	Deformació màx. a 5°C	Resistència a temperatura
Silicona neutra	1,07-1,15	-10 - +35°C	20-30%	-45 - +200°C
Silicona àcida ó bàsica	1,01-1,07	-10 - +35°C	20-30%	-
Polisulfur bicomponent	>= 1,35	-10 - +35°C	30%	-30 - +70°C
Poliuretà monocomponent	1,2	5 - 35°C	15-25%	-30 - +70°C
Poliuretà bicomponent	1,5-1,7	5 - 35°C	25%	-50 - +80°C
Acrílica	1,5-1,7	5 - 40°C	10-15%	-15 - +80°C
De butils	1,25-1,65	15 - 30°C	10%	-20 - +70°C

D'óleo-resines	1,45-1,55	-10 - +35°C	10%	-15 - +80°C

Característiques mecàniques:

Tipus massilla	Resistència a la tracció (N/mm2)	Mòdul d'elasticitat al 100% d'allargament (N/mm2)	Duresa Shore A
Silicona neutra	>= 0,7	0,2	12° - 20°
Silicona àcida ó bàsica	>= 1,6	0,5	25° - 30°
Polisulfur bicomponent	>= 2,5	-	60°
Poliuretà monocomponent	>= 1,5	0,3 0,3 - 0,37 N/mm2 (polimerització ràpida)	30° - 35°
Poliuretà bicomponent	-	1,5	-
Acrílica	-	0,1	-
De butils	-	-	15° - 20°

MASSILLA DE SILICONA:
Es vulcanitza a temperatura ambient per acció de la humitat de l'aire, i es converteix en una massa consistent i elàstica.
Base: Cautxú-silicona
Allargament fins al trencament:
- Neutra: >= 500%
- Àcida o bàsica: >= 400%

MASSILLA DE POLISULFURS BICOMPONENT:
Un cop mesclats ambdós components a temperatura >= 10°C es transforma en un material elastomèric que vulcanitza sense retraccions, i no li afecta la humitat.
La mescla ha de tenir un color uniforme en tota la seva superfície.
Base: Polisulfurs + reactiu
Temperatura òptima de la mescla: 10°C - 20°C

MASSILLA DE POLIURETÀ MONOCOMPONENT BICOMPONENT:
Es vulcanitza a temperatura ambient per acció de la humitat de l'aire, i es converteix en una massa consistent i elàstica.
La mescla ha de tenir un color uniforme en tota la seva superfície.
Base:
- Monocomponent: Poliuretà
- Bicomponent: Poliuretà + reactiu

Temperatura òptima de la mescla: 15°C - 20°C

MASSILLA ACRÍLICA:
El procés de reticulació comença a evaporar l'aigua de la massa, la qual es converteix en una pasta tixotròpica consistent i amb una certa elasticitat.
Base: Polímers acrílics

MASSILLA DE BUTILS:
Vulcanitza en evaporar-se el dissolvent i entrar en contacte amb l'aire, i es converteix en una pasta tixotròpica elàstica.
Base: Cautxú-butil

MASSILLA D'OLEO-RESINES:
En contacte amb l'aire, forma una pel·lícula superficial protectora i resistent i manté l'interior plàstic.
Base: Oleo-resines

MASSILLA DE CAUTXÚ-ASFALT:
Mesclats els components, sense escalfar els materials a una temperatura >= 38°C, ha de donar un producte homogeni amb la consistència adequada per a la seva aplicació per abocament, pressió o extrussió , com a mínim 1 hora després de la seva preparació.
Base: Cautxú-asfalt
Resistència a la temperatura: 18°C - 100°C

MASSILLA ASFÀLTICA:
Resiliència a 25°C: 78%

ESCUMA DE POLIURETÀ EN AEROSOL:
Temps d'assecatge (23°C i 50% HR): 20-25 min
Densitat (DIN 53420): Aprox. 20 kg/m3
Temperatura d'aplicació: 5°C - 20°C
Resistència a la tracció (DIN 53571)
- a 20°C: 15 N/cm2
- a -20°C: 20 N/cm2

Comportament al foc (DIN 4102): Classe B2
Resistència a la temperatura: -40°C - +90°C

MASSILLA PER A JUNTS DE PLAQUES DE GUIX LAMINAT:
Ha de tenir la consistència adient per a la seva correcta aplicació.

El fabricant ha de subministrar les instruccions necessàries per a la seva aplicació.
MASSILLA DE CAUTXÚ-ASFALT O ASFÀLTICA:
Característiques físiques:

Tipus massilla	Densitat (g/cm3)	Penetració a 25°C,150g i 5s UNE 104-281(1-4) (mm)	Fluència a 60°C UNE 104-281(6-3) (mm)	Adherència 5 cicles a -18°C UNE 104-281(4-4)
Cautxú asfalt	1,35-1,5 (a 25°C)	<= 23,5	<= 5	Ha de complir
Asfàltica	1,35	<= 9	<= 5	Ha de complir

Les característiques anteriors s'han de determinar segons la norma UNE 104-233.

2.- CONDICIONS DE SUBMINISTRAMENT I EMMAGATZEMATGE

CONDICIONS GENERALS:
Subministrament: En envàs hermètic.
MASSILLA DE SILICONA, DE POLISULFURS, DE POLIURETÀ, ACRÍLICA, DE BUTILS, D'OLEO-RESINES O ASFÀLTICA:
Emmagatzematge: El producte s'ha d'emmagatzemar en el seu envàs tancat hermèticament, en posició vertical, en lloc sec i a una temperatura entre 5°C i 35°C.
Temps recomanat d'emmagatzematge de sis a dotze mesos.
MASSILLA DE CAUTXÚ-ASFALT:
Emmagatzematge: En el seu envàs tancat hermèticament i protegit de la intempèrie. Temps màxim d'emmagatzematge sis mesos.
ESCUMA DE POLIURETÀ:
Emmagatzematge: el producte s'ha d'emmagatzemar en el seu envàs tancat hermèticament i a temperatura ambient al voltant dels 20°C.
Temps màxim d'emmagatzematge nou mesos.

3.- UNITAT I CRITERI D'AMIDAMENT

Unitat d'amidament: la indicada a la descripció de l'element
Criteri d'amidament: quantitat necessària subministrada a l'obra

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

No hi ha normativa de compliment obligatori.

5.- CONDICIONS DE CONTROL DE RECEPCIÓ

CONDICIONS DE MARCATGE I CONTROL DE LA DOCUMENTACIÓ:
Ha de portar impreses les dades següents:
- Nom del fabricant o marca comercial
- Identificació del producte
- Color (excepte la massilla per a plaques de cartó-guix o escuma de poliuretà)
- Instruccions d'ús
- Pes net o volum del producte
- Data de caducitat (excepte la massilla per a plaques de cartó-guix)

B8 REVESTIMENTS

B89 MATERIALS PER A PINTURES

B896- PINTURA

0.- ELEMENTS QUE CONTEMPLA EL PLEC

B896-HYD6.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DELS ELEMENTS

Pintures, pastes i esmalts.
S'han considerat els tipus següents:
- Pintura a la cola: Pintura a l'aigua formada per un aglomerant a base de coles cel·lulòsiques o anilàcies i pigments resistents als àlcalis
- Pintura a la calç: Dissolució en aigua, l'aglutinant i el pigment de la qual és l'hidròxid de calç o la calç apagada
- Pintura al ciment: Dissolució en aigua de ciment blanc tractat i pigments resistents a l'alcalinitat
- Pintura al làtex: Pintura a base de polímers vinílics en dispersió
- Pintura plàstica: Pintura formada per un aglomerant a base d'un polímer sintètic, en dispersió aquosa i pigments càrrega-estenedors resistents als àlcalis i a la intempèrie
- Pintura acrílica: Pintura formada per copolímers acrílics amb pigments i càrregues inorgàniques, en una dispersió aquosa. Seca a l'aire per evaporació del dissolvent
- Esmalt gras: Pintura formada per olis secants barrejats amb resines dures, naturals o sintètiques i dissolvents
- Esmalt sintètic: Pintura formada per un aglomerant de resines alquídiques, soles o modificades, pigments resistents als àlcalis i a la intempèrie i additius modificadors de la brillantor. Seca a l'aire per evaporació del dissolvent
- Esmalt de poliuretà d'un component: Pintura formada per un aglomerant de resines de poliuretà, soles o modificades, que catalitzen amb la humitat atmosfèrica i pigments resistents als àlcalis i a la intempèrie, dissolta en dissolvents adequats
- Esmalt de poliuretà de dos components: Pintura formada per copolímers de resines de poliuretà fluïdificades i pigmentades. Seca per polimerització mitjançant un catalitzador
- Esmalt de poliuretà uretanat: Pintura formada per resines uretanades
- Esmalt epoxi: Revestiment de resines epoxi, format per dos components: un enduridor i una resina, que cal barrejar abans de l'aplicació. Seca per reacció química dels dos components
- Esmalt en dispersió acrílica: Copolímers acrílics en una emulsió aquosa
- Esmalt de clorcautxú: Seca a l'aire per evaporació del dissolvent
- Pasta plàstica de picar: Pintura formada per un vehicle a base d'un polímer sintètic, en dispersió aquosa i pigments càrrega-estenedors resistents als àlcalis i la intempèrie
PINTURA A LA COLA:
Característiques de la pel·lícula líquida:
- Amb l'envàs ple i al cap de 3 minuts d'agitació (INTA 16 32 03) no ha de tenir coàguls, pells, dipòsits durs ni flotació de pigments.
- Ha de tenir una consistència adequada per a la seva aplicació amb brotxa o amb corró. Ha de fer córrer la brotxa, ha de fluir, ha d'anivellar bé i ha de deixar una capa uniforme després de l'assecat
- Finor de mòlta dels pigments (INTA 16 02 55): < 50 micres
- Temperatura d'inflamació (INTA 16 02 32A): Ininflamable
- Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29): - Al tacte: 2 h - Totalment sec: 4 h
Característiques de la pel·lícula seca:
- La pintura ha de ser de color estable.
- Adherència (UNE 48032): <= 2
PINTURA A LA CALÇ:
Un cop preparada ha de tenir una consistència adequada per a la seva aplicació amb brotxa, corró o procediments neumàtics fins a l'impregnació dels porus de la superfície a tractar.
Després d'assecar-se s'han d'aplicar dues capes d'acabat.
Un cop seca, ha de ser resistent a la intempèrie, ha d'endurir amb la humitat i el temps i ha de tenir propietats microbicides.
PINTURA AL CIMENT:
Un cop preparada ha de tenir una consistència adequada per a la seva aplicació amb brotxa, corró o pistola fins a l'impregnació de la superfície a tractar.
Un cop seca ha de ser resistent a la intempèrie.
PINTURA AL LÀTEX:
Característiques de la pel·lícula líquida:
- Amb l'envàs ple i al cap de 3 minuts d'agitació (INTA 16 32 03) no ha de tenir coàguls, pells, ni dipòsits durs
- Un cop preparada ha de fer córrer la brotxa, ha de fluir, ha d'anivellar bé i ha de deixar una capa uniforme després de l'assecat
- Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29): - Al tacte: < 30 - Totalment sec: < 2 h
Característiques de la pel·lícula seca:
- Adherència (UNE 48032): <= 2
PINTURA PLÀSTICA:
Característiques de la pel·lícula líquida:
- La pintura continguda al seu envàs original recentment obert, no ha de presentar senyals de

putrefacció, pells ni materies extranyes.
- Amb l'envàs ple i sotmesa a agitació (UNE_EN 21513 i UNE 48-083) no ha de tenir coàguls, pells, dipòsits durs ni flotació de pigments
- Ha de tenir una consistència adequada per a la seva aplicació amb brotxa o amb corró. Ha de fer córrer la brotxa, ha de fluir, ha d'anivellar bé i ha de deixar una capa uniforme després de l'assecat
- Finor de mòlta dels pigments (INTA 16 02 55): < 50 micres
- Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29): - Al tacte: < 1 h - Totalment sec: < 2 h
- Pes específic: - Pintura per a interiors: < 16 kN/m3 - Pintura per a exteriors: < 15 kN/m3
- Rendiment: > 6 m2/kg
- Relació volum pigments + càrregues/volum pigments, pes càrregues, aglomerat sòlid (PVC): < 80%
Característiques de la pel·lícula seca:
- La pintura ha de ser de color estable, i per a exteriors, insaponificable.
- Adherència (UNE 48032): <= 2
- Capacitat de recobriment (UNE 48259): Relació constant >= 0,98
- Resistència al rentat (DIN 53778): - Pintura plàstica per a interiors o pasta plàstica: >= 1000 cicles - Pintura plàstica per a exteriors: >= 5000 cicles
- Solidesa a la llum (NF-T-30.057): Ha de complir
- Transmissió del vapor d'aigua (NF-T-30.018): Ha de complir
PINTURA PLÀSTICA PER A EXTERIORS:
Resistència a la immersió (UNE 48-144): No s'observen canvis o defectes
Resistència a la intempèrie (DIN 18363): Ha de complir
Resistència a l'abrasió (NF-T-30.015): Ha de complir
Resistència a la calor (UNE 48-033): Ha de complir
PINTURA ACRÍLICA:
Característiques de la pel·lícula líquida:
- Un cop preparada ha de tenir una consistència adequada per a la seva aplicació amb brotxa, corró o procediments pneumàtics
- Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29): - Al tacte: < 4 h - Totalment sec: < 14 h
Característiques de la pel·lícula seca:
- La pintura ha de ser de color estable i insaponificable.
- Ha de ser resistent a la intempèrie.
ESMALT GRAS:
Un cop preparada ha de tenir una consistència adequada per a la seva aplicació amb brotxa, corró o pistola fins a l'impregnació de la superfície a tractar.
Temperatura d'inflamació (INTA 16 02 32A): > 30°C
Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29):
- Al tacte: < 1 h
- Totalment sec: < 6 h
Un cop sec, ha de tenir bona resistència al fregament i al rentat.
ESMALT SINTÈTIC:
No ha de tenir resines fenòliques (INTA 16 04 23) ni de colofonia (INTA 16 04 22).
Característiques de la pel·lícula líquida:
- Amb l'envàs ple i al cap de 3 minuts d'agitació (INTA 16 32 03) no ha de tenir coàguls, pells, dipòsits durs ni flotació de pigments.
- Ha de tenir la consistència adequada per a la seva aplicació amb brotxa. Ha de fer córrer la brotxa, ha de fluir bé i ha de deixar una capa uniforme desprès de l'assecatge.
- Finor de mòlta dels pigments (INTA 16 02 55): < 25 micres
- Temperatura d'inflamació (INTA 16 02 32A): > 30°C
- Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29): - Al tacte: < 3 h - Totalment sec: < 8 h
- Material volàtil (INTA 16 02 31): >= 70 ± 5%
- Rendiment per a una capa de 30 micres: >= 5 m2/kg
- Índex d'anivellament a 23 ± 2°C i 50 ± 5% HR (INTA 16 02 89): >= 5
- Índex de despreniments a 23 ± 2°C i 50 ± 5% HR (INTA 16 02 88): >= 4
Característiques de la pel·lícula seca:
- La pintura ha de ser de color estable i insaponificable.
- Adherència (UNE 48032): <= 2
- Ha de ser resistent a la intempèrie (INTA 16 06 02).
- Envelliment accelerat (INTA 16 06 55): < 6 unitats pèrdua de lluminositat (INTA 16 02 08)
- Resistència a l'abrasió (UNE 56818): Danys moderats
- Esgrogueïment accelerat per colors amb reflectància aparent superior al 80% (INTA 160.603): < 0,12
ESMALT DE POLIURETÀ D'UN COMPONENT:
Característiques de la pel·lícula líquida:
- Amb l'envàs ple i al cap de 3 minuts d'agitació (INTA 16 32 03) no ha de tenir coàguls, pells, dipòsits durs ni flotació de pigments.
- Ha de tenir la consistència adequada per a la seva aplicació amb brotxa. Ha de fer córrer la brotxa, ha de fluir bé i ha de deixar una capa uniforme desprès de l'assecatge.

- Temperatura d'inflamació (INTA 16 02 32A): > 30°C
- Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29): - Al tacte: < 3 h - Totalment sec: < 8 h
- Índex d'anivellament a 23 ± 2°C i 50 ± 5% HR (INTA 16 02 89): >= 5
- Índex de despreniments a 23 ± 2°C i 50 ± 5% HR (INTA 16 02 88): >= 4

Característiques de la pel·lícula seca:
- La pintura ha de ser de color estable i insaponificable.
- Adherència (UNE 48032): <= 2
- Ha de ser resistent a la intempèrie (INTA 16 06 02).
- Envelliment accelerat (INTA 16 06 05): < 6 unitats pèrdua de lluminositat (INTA 16 02 08)
- Resistència a l'abrasió (UNE 56818): Danys petits
- Adherència i resistència a l'impacte:

	A les 24 h	Al cap de 7 dies
Adherència al quadriculat:	100%	100%
Impacte directe o indirecte:		
Bola de 12,5 des de 50 cm (INTA 160.266)	Bé	Ha de complir

- Resistència a la càrrega concentrada en moviment (UNE 56-814): Danys moderats
- Resistència a la càrrega rodant (UNE 56-815): Danys petits
- Resistència a la càrrega arrossegada (UNE 56-816): Danys petits
- Resistència al ratllat (UNE 48-173): Resistent
- Resistència a la calor (UNE 48-033): Ha de complir
- Resistència química: - A l'àcid cítric al 10%: 15 dies - A l'acid làctic al 5%: 15 dies - A l'àcid acètic al 5%: 15 dies - A l'oli de cremar: Cap modificació - Al xilol: Cap modificació - Al clorur sòdic al 20%: 15 dies - A l'aigua: 15 dies

ESMALT DE POLIURETÀ DE DOS COMPONENTS:
Cal barrejar els dos components abans de l'aplicació.
Característiques de la pel·lícula líquida:
- Ha de tenir la consistència adequada per a la seva aplicació amb brotxa. Ha de fer córrer la brotxa, ha de fluir bé i ha de deixar una capa uniforme després de l'assecatge.
- Temperatura d'inflamació (INTA 16 02 32A): > 30°C
- Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29): - Al tacte: < 3 h - Totalment sec: < 8 h

Característiques de la pel·lícula seca:
- La pintura ha de ser de color estable i insaponificable.
- Adherència (UNE 48032): <= 2
- Ha de ser resistent a la intempèrie (INTA 16 06 02).
- Envelliment accelerat (INTA 16 06 55): < 6 unitats pèrdua de lluminositat (INTA 16 02 08)
- Resistència a l'abrasió (UNE 56818): Danys petits
- Ha de tenir bona resistència química als àcids diluïts, als hidrocarburs, les sals i als detergents.

ESMALT DE POLIURETÀ URETANAT:
Un cop preparada ha de tenir una consistència adequada per a la seva aplicació amb brotxa, corró o pistola fins a l'impregnació de la superfície a tractar.
Temps d'assecatge a 20°C: 1 - 2 h
Ha de tenir bona resistència a l'aigua salada i al sol.

ESMALT DE DISPERSIÓ ACRÍLICA:
Un cop preparada ha de tenir una consistència adequada per a la seva aplicació amb brotxa, corró o pistola fins a l'impregnació de la superfície a tractar.
Temperatura d'inflamació (INTA 16 02 32A): Ininflamable
Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29):
- Al tacte: < 20 min
- Totalment sec: < 1 h

ESMALT DE CLORCAUTXÚ:
Un cop preparada ha de tenir una consistència adequada per a la seva aplicació amb brotxa o corró.
Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29):
- Al tacte: < 30 min
- Totalment sec: < 2 h

Ha de ser resistent a l'aigua dolça i salada, als àcids i als àlcalis.

ESMALT EPOXI:
Un cop preparada ha de tenir una consistència adequada per a la seva aplicació amb brotxa, corró o pistola.
Temperatura d'inflamació (INTA 16 02 29): > 30°C
Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29):
- Al tacte: < 30 min
- Totalment sec: < 10 h

Ha de tenir bona resistència al desgast.
Ha de ser resistent a l'àcid làctic 1%, acètic 10%, clorhídric 20%, cítric 30%, sosa i solucions bàsiques, als hidrocarburs (benzina, querosè) als olis animals i vegetals, a l'aigua, als detergents i a l'alcohol etílic 10%.

Resistència mecànica (desprès de 7 dies de polimerització):
- Tracció: >= 16 N/mm2
- Compressió: >= 85 N/mm2
Resistència a la temperatura: 80°C
PASTA PLÀSTICA DE PICAR:
Característiques de la pel·lícula líquida:
- Amb l'envàs ple i al cap de 3 minuts d'agitació (INTA 16 32 03) no ha de tenir coàguls, pells, dipòsits durs ni flotació de pigments.
- Ha de tenir una consistència adequada.
- Finor de mòlta dels pigments (INTA 16 02 55): < 50 micres
- Temps d'assecatge a 23°C ± 2°C i 50% ± 5% HR (INTA 16 02 29): - Al tacte: < 1 h - Totalment sec: < 2 h
- Pes específic: < 17 kN/m3
- Relació: volum del pigment/volum de la resina (PVC): < 80%
Característiques de la pel·lícula seca:
- La pintura ha de ser de color estable i insaponificable.
- Adherència (UNE 48032): <= 2
- Resistència al rentat (DIN 53778): - Pintura plàstica per a interiors o pasta plàstica: >= 1000 cicles - Pintura plàstica per a exteriors: >= 5000 cicles
- Solidesa a la llum (NF-T-30.057): Ha de complir
- Transmissió del vapor d'aigua (NF-T-30.018): Ha de complir
- Resistència a la immersió (UNE 48-144): No s'observen canvis o defectes
- Resistència a la intempèrie (DIN 18363): Ha de complir
- Resistència a l'abrasió (NF-T-30.015): Ha de complir
- Resistència a la calor (UNE 48-033): Ha de complir

2.- CONDICIONS DE SUBMINISTRAMENT I EMMAGATZEMATGE

PINTURA A LA COLA, AL LÀTEX, ACRÍLICA, PLÀSTICA, ESMALT GRAS, SINTÈTIC, DE POLIURETÀ, DE DISPERSIÓ ACRÍLICA, EPOXI I PASTA DE PICAR:
Subministrament: En pots o bidons.
Emmagatzematge: En llocs ventilats i no exposats al sol, dins del seu envàs tancat i sense contacte amb el terra. S'ha de preservar de les gelades.
PINTURA A LA CALÇ:
Subministrament de la calç aèria en terrossos o envasada.
La calç hidràulica ha de subministrar-se en pols.
Emmagatzematge: En llocs ventilats i no exposats al sol, dins del seu envàs tancat i sense contacte amb el terra. S'ha de preservar de les gelades.
PINTURA AL CIMENT:
Subministrament: En pols, en envasos adequats.
Emmagatzematge: En llocs ventilats i no exposats al sol, dins del seu envàs tancat i sense contacte amb el terra. S'ha de preservar de les gelades.

3.- UNITAT I CRITERI D'AMIDAMENT

Unitat d'amidament: la indicada a la descripció de l'element
Criteri d'amidament: quantitat necessària subministrada a l'obra

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

No hi ha normativa de compliment obligatori.

5.- CONDICIONS DE CONTROL DE RECEPCIÓ

CONDICIONS DE MARCATGE I CONTROL DE LA DOCUMENTACIÓ EN PINTURA A LA COLA, AL LÀTEX, ACRÍLICA, PLÀSTICA, ESMALT GRAS, SINTÈTIC, DE POLIURETÀ, DE DISPERSIÓ ACRÍLICA, EPOXI I PASTA DE PICAR:
A cada envàs hi ha d'haver les dades següents:
- Identificació del fabricant
- Nom comercial del producte
- Identificació del producte
- Codi d'identificació
- Pes net o volum del producte
- Data de caducitat
- Instruccions d'ús
- Dissolvents adequats
- Límits de temperatura
- Temps d'assecatge al tacte, total i de repintat
- Toxicitat i inflamabilitat
- Proporció de la barreja i temps d'utilització, en els productes de dos components

- Color i acabat, en la pintura plàstica o al làtex i en l'esmalt sintètic, de poliuretà
CONDICIONS DE MARCATGE I CONTROL DE LA DOCUMENTACIÓ EN PINTURA A LA CALÇ:
A cada envàs hi ha d'haver les dades següents:
- Identificació del fabricant
- Nom comercial del producte
- Identificació del producte
- Codi d'identificació
- Pes net o volum del producte
- Toxicitat i inflamabilitat
CONDICIONS DE MARCATGE I CONTROL DE LA DOCUMENTACIÓ EN PINTURA AL CIMENT:
A cada envàs hi ha d'haver les dades següents:
- Identificació del fabricant
- Nom comercial del producte
- Identificació del producte
- Codi d'identificació
- Pes net o volum del producte
- Instruccions d'ús
- Temps d'estabilitat de la barreja
- Temperatura mínima d'aplicació
- Temps d'assecatge
- Rendiment teòric en m/l
- Color
OPERACIONS DE CONTROL:
Els punts de control més destacables són els següents:
- En cada subministrament d'esmalt, es comprovarà que l'etiquetatge dels envasos contingui les dades exigides a les especificacions.
El control de recepció de material verificarà que les característiques dels materials són coincidents amb l'establert en la DT. Aquest control ha de complir l'especificat en l'apartat 7.2 del CTE.
Control de documentació: documents d'origen (full de subministrament i etiquetat), certificat de garantia del fabricant, en el seu cas, (signat per persona física) i els documents de conformitat o autoritzacions administratives exigides, inclòs la documentació corresponent al marcatge CE quan sigui pertinent.
Control mitjançant distintius de qualitat i avaluacions d'idoneïtat: En el cas que el fabricant disposi de marques de qualitat, ha d'aportar-ne la documentació corresponent
Control de recepció mitjançant assaigs: Si el material disposa d'una marca legalment reconeguda a un país de la CEE (Marcatge CE, AENOR, etc.) es podrà prescindir dels assaigs de control de recepció de les característiques del material garantides per la marca; i la DF sol·licitarà en aquest cas, els resultats dels assaigs corresponents al subministrament rebut. En qualsevol cas, la DF podrà sol·licitar assaigs de control de recepció si ho creu convenient.
- Comprovació de l'estat de conservació de la pintura, en un 10 % dels pots rebuts (INTA 16 02 26).
OPERACIONS DE CONTROL EN PINTURA PLÀSTICA:
- Recepció del certificat de qualitat del fabricant, on constin els resultats dels assaigs següents: - Determinació de la finor de mòlta dels pigments INTA 16.02.55 (10.57) - Temps d'assecatge INTA 16.02.29 (6.57) - Pes específic UNE EN ISO 2811-1 - Capacitat de cobriment en humitat INTA 16.02.62(9.82) - Capacitat de cobriment en sec INTA 16.02.61(2.58) - Conservació de la pintura (cada 100 m2) INTA 16.02.26 En cas de no rebre aquests resultats abans del inici de l'activitat, o que la DF no els consideri representatius, el contractista haurà de realitzar els assaigs corresponents, al seu càrrec i fora del pressupost d'autocontrol.
CRITERIS DE PRESA DE MOSTRES:
Els controls s'han de realitzar segons les instruccions de la DF i els criteris indicats a les normes de procediment corresponents.
INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
No s'acceptaran els pots de pintura que no estiguin degudament etiquetats i/o certificats, així com els que presentin mal estat de conservació i/o emmagatzematge.
En cas d'observar deficiències en l'estat de conservació d'un pot, es rebutjarà la unitat corresponent i s'incrementarà la inspecció, en primera instància, fins al 20 % dels pots subministrats. Si es continuen observant irregularitats, es passarà a controlar el 100% del subministrament.
Els assaigs d'identificació han de resultar d'acord a les especificacions del plec i a les condicions garantides en el certificat del material. En cas d'incompliment, es realitzarà l'assaig sobre dues mostres més del mateix lot, acceptant-ne el conjunt sempre que els dos resultats estiguin d'acord a dites especificacions.

B8 REVESTIMENTS

B8Z MATERIALS ESPECIALS PER A REVESTIMENTS

B8Z6- IMPRIMACIÓ

0.- ELEMENTS QUE CONTEMPLA EL PLEC

B8Z6-0P2I.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DELS ELEMENTS

Materials per a envernissats, emprimacions i tractaments superficials.
S'han considerat els tipus següents:
- Emprimació antioxidant: Emprimació sintètica de mini de plom electrolític, modificada eventualment amb oli de llinosa
- Emprimació antioxidant grassa: Emprimació de mini de plom electrolític barrejada amb olis i dissolvents
- Emprimació antioxidant al clorocautxú, a base de clorocautxú modificat
- Emprimació antioxidant al poliuretà: Emprimació de dos components a base de resines de poliuretà soles o modificades
- Emprimació de làtex: Emprimació de polímer vinílic en dispersió
- Emprimació fosfatant a base de resines viníliques o fenòliques, soles o modificades que catalitzen en ser barrejades amb un activador
IMPRIMACIÓ ANTIOXIDANT:
Característiques de la pel·lícula líquida:
- Amb l'envàs ple i al cap de 3 minuts d'agitació (INTA 16 32 03) no ha de tenir coàguls, pells, dipòsits durs ni flotació de pigments.
- Pigment: >= 26% de mini de plom electrolític
- Puresa del mini de plom electrolític (INTA 16 12 11): >= 99,6%
- Finor de la mòlta (INTA 16 02 55): < 50 micres
- Temperatura d'inflamació (INTA 16 02 32): > 25°C
- Índex d'anivellament a 23 ± 2°C i 50 ± 5% HR (INTA 16 02 89): > 3
- Temps d'assecatge a 23 ±2°C i 50 ±5% HR (INTA 16 02 29): - Al tacte: < 1 h - Totalment seca: < 6 h
- Pes específic a 23 ± 2°C, 50 ± 5% HR (INTA 16 42 03): > 18 kN/m3
- Rendiment per a una capa de 30 - 40 micres: > 4 m2/kg
Característiques de la pel·lícula seca:
- Resistència a la boira marina (INTA 16 01 01, ASTM B.117-73, oxidació marina 8 (0,1%) ASTM D.610-68): >= 150 h
- Adherència (UNE 48032): <= 2
IMPRIMACIÓ ANTIOXIDANT GRASSA:
Ha de tenir una consistència adequada per a la seva aplicació amb brotxa.
Temperatura d'inflamació (INTA 16 02 32): > 30°C
Temps d'assecatge a 23 ±2°C i 50 ±5% HR (INTA 16 02 29):
- Al tacte: < 1 h
- Totalment seca: < 18 h
Pes específic a 20°C: > 23 kN/m3
Rendiment per una capa de 45 - 50 micres: > 4 m2/kg
IMPRIMACIÓ ANTIOXIDANT AL CLORCAUTXÚ:
Ha de tenir una consistència adequada per a la seva aplicació amb brotxa o pistola.
Temperatura d'inflamació (INTA 16 02 32): > 23°C
Temps d'assecatge a 23 ±2°C i 50 ±5% HR (INTA 16 02 29):
- Al tacte: < 45 min
- Totalment seca: < 4 h
Pes específic a 20°C: > 17,3 kN/m3
Rendiment per una capa de 40 - 45 micres: > 4 m2/kg
IMPRIMACIÓ ANTIOXIDANT AL POLIURETÀ:
Ha de tenir una consistència adequada per a la seva aplicació amb brotxa o pistola.
Temps d'assecatge a 23 ±2°C i 50 ±5% HR (INTA 16 02 29):
- Al tacte: < 15 min
- Totalment seca: < 2 h
Pes específic a 20°C: > 13,5 kN/m3
Rendiment per una capa de 40 - 45 micres: > 4 m2/kg
IMPRIMACIÓ DE LÀTEX:
Característiques de la pel·lícula líquida:
- Amb l'envàs ple i al cap de 3 minuts d'agitació (INTA 16.32.03) no ha de tenir coàguls, pells ni dipòsits durs

- Ha de tenir una consistència adequada per a la seva aplicació amb brotxa. Ha de fer córrer la brotxa i ha de fluir bé, i ha de deixar una capa uniforme després de l'assecat - Al tacte: < 30 min - Totalment seca: < 2 h
- Temps d'assecatge a 23 ±2°C i 50 ±5% HR (INTA 16 02 29):
Característiques de la pel·lícula seca:
- Adherència (UNE 48032): <= 2
IMPRIMACIÓ FOSFATANT:
Característiques de la pel·lícula líquida:
- La mescla preparada, al cap de 3 minuts d'agitació, no ha de tenir coàguls, pells ni dipòsits durs
- Ha de tenir una consistència adequada per a la seva aplicació amb brotxa. Ha de fer córrer la brotxa i ha de fluir bé, i ha de deixar una capa uniforme després de l'assecat
- Temps d'assecatge a 23 ±2°C i 50 ±5% HR (INTA 16 02 29): - Al tacte: < 15 min - Totalment seca: < 1 h
Característiques de la pel·lícula seca:
- Gruix de la capa: 4 - 10 micres
- Adherència (UNE 48032): <= 2

2.- CONDICIONS DE SUBMINISTRAMENT I EMMAGATZEMATGE

Subministrament: En pots o bidons.
Emmagatzematge: En llocs ventilats i no exposats al sol, dins del seu envàs tancat i sense contacte amb el terra. S'ha de preservar de les gelades.

3.- UNITAT I CRITERI D'AMIDAMENT

Unitat d'amidament: la indicada a la descripció de l'element
Criteri d'amidament: quantitat necessària subministrada a l'obra

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

No hi ha normativa de compliment obligatori.

5.- CONDICIONS DE CONTROL DE RECEPCIÓ

CONDICIONS DE MARCATGE I CONTROL DE LA DOCUMENTACIÓ:
A cada envàs hi ha d'haver les dades següents:
- Identificació del fabricant
- Nom comercial del producte
- Identificació del producte
- Codi d'identificació
- Pes net o volum del producte
- Data de caducitat
- Instruccions d'ús
- Dissolvents adequats
- Límits de temperatura
- Temps d'assecatge al tacte, total i de repintat
- Toxicitat i inflamabilitat
- Temps d'inducció de la mescla i vida de la mescla, en els productes de dos components.
OPERACIONS DE CONTROL:
Els punts de control més destacables són els següents:
- En cada subministrament d'esmalt, es comprovarà que l'etiquetatge dels envasos contingui les dades exigides a les especificacions.
El control de recepció de material verificarà que les característiques dels materials són coincidents amb l'establert en la DT. Aquest control ha de complir l'especificat en l'apartat 7.2 del CTE.
Control de documentació: documents d'origen (full de subministrament i etiquetat), certificat de garantia del fabricant, en el seu cas, (signat per persona física) i els documents de conformitat o autoritzacions administratives exigides, inclòs la documentació corresponent al marcatge CE quan sigui pertinent.
Control mitjançant distintius de qualitat i avaluacions d'idoneïtat: En el cas que el fabricant disposi de marques de qualitat, ha d'aportar-ne la documentació corresponent
Control de recepció mitjançant assaigs: Si el material disposa d'una marca legalment reconeguda a un país de la CEE (Marcatge CE, AENOR, etc.) es podrà prescindir dels assaigs de control de recepció de les característiques del material garantides per la marca; i la DF sol·licitarà en aquest cas, els resultats dels assaigs corresponents al subministrament rebut. En qualsevol cas, la DF podrà sol·licitar assaigs de control de recepció si ho creu convenient.
OPERACIONS DE CONTROL EN IMPRIMACIÓ D'ELEMENTS METÀL·LICS:

Els punts de control més destacables són els següents:
- Recepció del certificat de qualitat del fabricant, on constin els resultats dels assaigs següents: - Assaigs sobre pintura líquida: - Dotació de pigment - Puresa del mini de plom electrolític INTA 16.12.11 - Finor de la mòlta dels pigments INTA 16.02.55 (10.57) - Temperatura d'inflamació INTA 16.02.32A (7.61) - Pes específic UNE-EN ISO 2811-1 - Índex d'anivellament INTA.16.02.89 (9.68) - Temps d'assecatge INTA 16.02.29 (6.57) - Assaigs sobre pel·lícula seca: - Resistència a la boira marina UNE EN ISO 9227 - Adherència UNE EN ISO 2409 En cas de no rebre aquests resultats abans del inici de l'activitat, o que la DF no els consideri representatius, el contractista haurà de realitzar els assaigs corresponents, al seu càrrec i fora del pressupost d'autocontrol.

CRITERIS DE PRESA DE MOSTRES:

Els controls s'han de realitzar segons les instruccions de la DF i els criteris indicats a les normes de procediment corresponents.

INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT EN IMPRIMACIÓ D'ELEMENTS METÀL·LICS:

No s'acceptaran els pots de pintura que no estiguin degudament etiquetats i/o certificats, així com els que presentin mal estat de conservació i/o emmagatzematge.

En cas d'observar deficiències en l'estat de conservació d'un pot, es rebutjarà la unitat corresponent i s'incrementarà la inspecció, en primera instància, fins al 20 % dels pots subministrats. Si es continuen observant irregularitats, es passarà a controlar el 100% del subministrament.

Els assaigs d'identificació han de resultar d'acord a les especificacions del plec i a les condicions garantides en el certificat del material. En cas d'incompliment, es realitzarà l'assaig sobre dues mostres més del mateix lot, acceptant-ne el conjunt sempre que els dos resultats estiguin d'acord a dites especificacions.

P PARTIDES D'OBRA I CONJUNTS

P2 DEMOLICIONS, ENDERROCS, MOVIMENTS DE TERRES I GESTIÓ DE RESIDUS

P2R GESTIÓ DE RESIDUS I MATERIAL D'EXCAVACIÓ

P2RA- DISPOSICIÓ DE RESIDUS INSTAL·LACIÓ AUTORITZADA

0.- ELEMENTS QUE CONTEMPLA EL PLEC

P2RA-EU34.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DE LES PARTIDES D'OBRA EXECUTADES

Operacions destinades a la gestió dels residus generats en l'obra: residu de construcció o demolició o material d'excavació.
S'han considerat les operacions següents:
- Deposició del residu no reutilitzat en la instal·lació autoritzada de gestió on se li aplicarà el tractament de valorització, selecció i emmagatzematge o eliminació
DISPOSICIÓ DE RESIDUS:
Cada fracció s'ha de dipositar al lloc adequat legalment autoritzat per a que se li apliqui el tipus de tractament especificat en la DT: valorització, emmagatzematge o eliminació.

2.- CONDICIONS DEL PROCÉS D'EXECUCIÓ

RESIDUS DE LA CONSTRUCCIÓ:
La manipulació dels materials s'ha de fer amb les proteccions adequades a la perillositat del mateix.

3.- UNITAT I CRITERI D'AMIDAMENT

DISPOSICIÓ DE RESIDUS DE CONSTRUCCIÓ O DEMOLICIO INERTS O NO ESPECIALS I DE MATERIAL D'EXCAVACIÓ:
m3 de volum de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent.
DISPOSICIÓ DE RESIDUS DE CONSTRUCCIÓ O DEMOLICIÓ ESPECIALS:
kg de pes de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent.
DISPOSICIÓ DE RESIDUS:
La unitat d'obra inclou totes les despeses per la disposició de cada tipus de residu al centre corresponent.
Inclou el cànon d'abocament del residu a dipòsit controlat segons el que determina la Llei 8/2008, el pagament del qual queda suspès segons la Llei 7/2011.
La empresa receptora del residu ha de facilitar al constructor la informació necessària per complimentar el certificat de disposició de residus, d'acord amb l'article 5.3 del REAL DECRETO 105/2008.

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

Real Decreto 105/2008, de 1 de febrero, por el que se regula la producción y gestión de los residuos de construcción y demolición.
Decret Legislatiu 1/2009, de 21 de juliol, pel qual s'aprova el Text refós de la Llei reguladora dels residus.
Ley 7/2022, de 8 de abril, de residuos y suelos contaminados para una economía circular.
Real Decreto 108/1991, de 1 de febrero, sobre la prevención y reducción de la contaminación del medio ambiente producida por el amianto.
Llei 8/2008, del 10 de juliol, de finançament de les infraestructures de gestió dels residus i dels cànons sobre la disposició del rebuig dels residus.
Llei 7/2011, del 27 de juliol, de mesures fiscals i financeres.
Decret 89/2010, de 29 de juny, pel qual s'aprova el Programa de gestió de residus de la construcció de Catalunya (PROGROC), es regula la producció i gestió dels residus de la construcció i demolició, i el cànon sobre la deposició controlada dels residus de la construcció.
Decret 152/2017, de 17 d'octubre, sobre la classificació, la codificació i les vies de gestió dels residus a Catalunya.

P4 ESTRUCTURES

P44 ESTRUCTURES D'ACER

P442- BIGA D'ACER, COL·LOCADA

0.- ELEMENTS QUE CONTEMPLA EL PLEC

P442-DFZH.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DE LES PARTIDES D'OBRA EXECUTADES

Formació d'elements estructurals amb perfils normalitzats d'acer, utilitzats directament o formant peces compostes.
S'han considerat els elements següents:
- Bigues
S'han considerat els tipus de perfils següents:
- Perfils d'acer laminat en calent, de les sèries IPN, IPE, HEA, HEB, HEM o UPN, d'acer S275JR, S275J0, S275J2, S355JR, S355J0 o S355J2, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10025-2
- Perfils d'acer laminat en calent de les sèries L, LD, T, rodó, quadrat, rectangular o planxa, d'acer S275JR, S275J0, S275J2, S355JR, S355J0 o S355J2, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10025-2
- Perfils foradats d'acer laminat en calent de les sèries rodó, quadrat o rectangular d'acer S275J0H o S355J2H, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10210-1
- Perfils foradats conformats en fred de les sèries rodó, quadrat o rectangular d'acer S275J0H o S355J2H, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10219-1
- Perfils conformats en fred, de les sèries L, LD, U, C, Z, o Omega, d'acer S235JRC, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10025-2
S'han considerat els acabats superficials següents:
- Pintat amb una capa d'emprimació antioxidant
- Galvanitzat
S'han considerat els tipus de col·locació següents:
- Col·locació amb soldadura
- Col·locació amb cargols
- Col·locació sobre obres de fàbrica o de formigó, recolzats o encastats
L'execució de la unitat d'obra inclou les operacions següents:
- Preparació de la zona de treball
- Replanteig i marcat dels eixos
- Col·locació i fixació provisional de la peça
- Aplomat i anivellació definitius
- Execució de les unions, en el seu cas
- Comprovació final de l'aplomat i dels nivells
CONDICIONS GENERALS:
Els materials utilitzats han de tenir la qualitat establerta a la DT. No s'han de fer modificacions sense autorització de la DF encara que suposin un increment de les característiques mecàniques.
La peça ha d'estar col·locada a la posició indicada a la DT, amb les modificacions aprovades per la DF.
La peça ha d'estar correctament aplomada i nivellada.
Quan la peça sigui composta, la disposició dels diferents elements de la peça, les seves dimensions, tipus d'acer i perfils s'han de correspondre amb les indicacions de la DT.
Cada component de l'estructura ha de dur una marca d'identificació que ha de ser visible després del muntatge. Aquesta marca no ha d'estar feta amb entalladura cisellada.
La marca d'identificació ha d'indicar l'orientació de muntatge del component estructural quan aquesta no es dedueixi clarament de la seva forma.
Els elements de fixació, i les xapes, plaques petites i accessoris de muntatge han d'anar embalats i identificats adequadament.
L'element ha d'estar pintat amb una capa de protecció de pintura antioxidant, excepte si està galvanitzat.
Els cantells de les peces no han de tenir òxid adherit, rebaves, estries o irregularitats que dificultin el contacte amb l'element que s'han d'unir.
Si el perfil està galvanitzat, la col·locació de l'element no ha de produir desperfectes en el

recobriment del zenc.
L'element no s'ha d'adreçar un cop col·locat definitivament.
No es permet reblir amb soldadura els forats que han estat practicats a l'estructura per a disposar cargols provisionals de muntatge.
Toleràncies d'execució:
- En obres d'edificació: Límits establerts als apartats 11.1 i 11.2 del DB-SE A i a l'article 80 de l'EAE o l'annexe 16 del CODI ESTRUCTURAL.
- En obres d'enginyeria civil: Límits establerts a l'article 640.12 del PG3 i l'article 80 de l'EAE o l'annexe 16 del CODI ESTRUCTURAL.
COL·LOCACIÓ AMB CARGOLS:
S'utilitzaran cargols normalitzats d'acord a les normes recollides a la taula 29.2.b de l'EAE o la taula 85.2.b del CODI ESTRUCTURAL
Els cargols aixamfranats, cargols calibrats, perns articulats i els cargols hexagonals d'injecció s'han d'utilitzar seguint les instruccions del seu fabricant i han de complir els requisits addicionals establerts a l'article 29.2 de l'EAE o l'article 85.2 del CODI ESTRUCTURAL.
La situació dels cargols a la unió ha de ser tal que redueixi la possibilitat de corrosió i pandeig local de les xapes, i ha de facilitar el muntatge i les inspeccions.
El diàmetre nominal mínim dels cargols ha de ser de 12 mm.
La rosca pot estar inclosa en el pla de tall, excepte en el cas que els cargols s'utilitzin com a calibrats.
Després del collat l'espiga del cargol ha de sobresortir de la rosca de la femella. Entre la superfície de recolzament de la femella i la part no roscada de l'espiga ha d'haver, com a mínim:
- En cargols pretesats: 4 filets complerts més la sortida de la rosca
- En cargols sense pretesar: 1 filet complert més la sortida de la rosca
Les superfícies dels caps de cargols i femelles han d'estar perfectament planes i netes.
En els cargols col·locats en posició vertical, la femella ha d'estar situada per sota del cap del cargol.
En els forats rodons normals i amb cargols sense pretesar no és necessari utilitzar volanderes. Si s'utilitzen han d'anar sota el cap dels cargols, han de ser aixamfranades i el xamfrà ha d'estar situat en direcció al cap del cargol.
En els cargols pretesats, les volanderes han de ser planes endurides i han d'anar col·locades de la forma següent:
- Cargols 10.9: sota el cap del cargol i de la femella
- Cargols 8.8: sota de l'element que gira
Toleràncies d'execució:
- Franquícia màxima entre superfícies adjacents: - Si s'utilitzen cargols no pretesats: 2 mm - Si s'utilitzen cargols pretesats: 1 mm
- Diàmetre dels forats: - En obres d'edificació: Límits establerts a l'apartat 11.1 del DB-SE A i a l'article 76.2 de l'EAE o l'article 93.2 del CODI ESTRUCTURAL - En obres d'enginyeria civil: Límits establerts als apartats 640.5.1.3 i 640.5.1.4 del PG3 i a l'article 76.2 de l'EAE o l'article 93.2 del CODI ESTRUCTURAL.
- Posició dels forats: - En obres d'edificació: Límits establerts a l'apartat 11.1 del DB-SE A i a l'article 76.2 de l'EAE o l'article 93.2 del CODI ESTRUCTURAL. - En obres d'enginyeria civil: Límits establerts a l'apartat 640.5.1.1 del PG3 i a l'article 76.2 de l'EAE o l'article 93.2 del CODI ESTRUCTURAL.
COL·LOCACIÓ AMB SOLDADURA:
El material d'aportació utilitzat ha de ser apropiat als materials a soldar i al procediment de soldadura.
Les característiques mecàniques del material d'aportació han de ser superiors a les del material base.
En acers de resistència millorada a la corrosió atmosfèrica, la resistència a la corrosió del material d'aportació ha de ser equivalent a la del material base.
El plec de prescripcions tècniques particulars definirà el sistema de protecció enfront la corrossió.
Els mètodes de protecció podran ser:
- Metalització, segons l'UNE-EN ISO 2063.
- Galvanització en calent, segons l'UNE-EN ISO 1461.
- Sistemes de pintura, segons l'UNE-EN ISO 12944.

2.- CONDICIONS DEL PROCÉS D'EXECUCIÓ

CONDICIONS GENERALS:
El constructor ha d'elaborar els plànols de taller i un programa de muntatge que han de ser aprovats per la DF abans d'iniciar els treballs en obra.
Qualsevol modificació durant els treballs ha d'aprovar-la la DF i reflectir-se posteriorment en els plànols de taller.
Els components estructurals s'han de manipular evitant que es produeixin deformacions permanents i procurant que els desperfectes superficials siguin mínims. Han d'anar protegits en els punts de subjecció.
Tot subconjunt estructural que durant les operacions de càrrega, transport, emmagatzematge i

muntatge experimenti desperfectes, s'ha de reparar fins que sigui conforme.
Si durant el transport el material ha sofert desperfectes que no poden ser corregits o es preveu que després d'arreglar-los afectarà al seu treball estructural, la peça ha de ser substituïda.
Els components de l'estructura s'han d'emmagatzemar apilats sobre el terreny sense estar en contacte amb el terra i de forma que no es produeixi acumulació d'aigua.
El muntatge de l'estructura s'ha de fer d'acord amb el programa de muntatge i garantint la seguretat estructural en tot moment.
Durant les operacions de muntatge, l'estructura ha de resistir, en condicions de seguretat, les càrregues provisionals de muntatge i els efectes de les càrregues de vent.
Les traves i encastaments o subjeccions provisionals s'han de mantenir en la seva posició fins que l'avanç del muntatge permeti que puguin ser retirats de forma segura.
Les unions per a peces provisionals necessàries per al muntatge s'han de fer de forma que no debilitin l'estructura ni disminueixin la seva capacitat de servei.
La secció de l'element no ha de quedar disminuida pels sistemes de muntatges utilitzats.
Els dispositius d'ancoratge provisionals s'han d'assegurar per a evitar que s'afluixin de forma involuntària.
Durant el procés de muntatge, el constructor ha de garantir que ninguna part de l'estructura estigui deformada o sobrecarregada permanentment per l'apilament de materials estructurals o per càrregues provisionals de muntatge.
Un cop muntada una part de l'estructura, s'ha d'alinear al més aviat possible i immediatament després completar el cargolament.
No s'han de fer unions permanents fins que una part suficient de l'estructura no estigui ben alineada, anivellada, aplomada i unida provisionalment de manera que no es produeixin desplaçaments durant el muntatge o l'alineació posterior de la resta de l'estructura.
La preparació de les unions que s'hagin de realitzar a obra es farà a taller.
Els desperfectes que les operacions de magatzematge i manipulació ocasionin en l'acabat superficial de l'estructura s'han de reparar amb procediments adequats.
Es tindrà especial cura del drenatge de cobertes i façanes, així com s'evitaran zones on es pugui dipositar l'aigua de forma permanent.
Els elements de fixació i ancoratge dispossaran de protecció adient a la classe d'exposició ambiental.
Per a la reparació de superfícies galvanitzades s'han d'utilitzar productes de pintura adequats aplicats sobre àrees que agafin, com a mínim, 10 mm de galvanització intacta.
Les parts que hagin de quedar de difícil accés després del seu muntatge han de rebre el tractament de protecció després de la inspecció i acceptació de la DF i abans del muntatge.
Les estructures amb planxes i peces primes conformades en fred s'executaran considerant els requisits addicionals de l'UNE-ENV 1090-2.
Les estructures amb acers d'alt límit elàstic s'executaran considerant els requisits addicionals de l'UNE-ENV 1090-3.
Les estructures amb gelosia de secció foradada s'executaran tenint en compte els requisits addicionals de l'UNE-ENV 1090-4.
COL·LOCACIÓ AMB CARGOLS:
Els forats per als cargols s'han de fer amb perforadora mecànica. S'admet un altre procediment sempre que proporcioni un acabat equivalent.
Es permet l'execució de forats amb punxonatge sempre que es compleixin els requisits establerts a l'apartat 10.2.3 del DB-SE A en obres d'edificació o els establerts a l'apartat 640.5.1.1 del PG3 en obres d'enginyeria civil.
És recomanable que, sempre que sigui possible, es perforin d'un sol cop els forats que travessin dues o més peces.
Els forats allargats s'han de fer amb una operació de punxonatge, o amb la perforació o punxonatge de dos forats i posterior oxitall.
Després de perforar les peces i abans d'unir-les s'han d'eliminar les rebaves.
Els cargols i les femelles no s'han de soldar, a menys que així ho expliciti el plec de condicions tècniques particulars.
S'han de col·locar el nombre suficient de cargols de muntatge per assegurar la immobilitat de les peces armades i el contacte íntim de les peces d'unió.
Les femelles s'han de muntar de manera que la seva marca de designació sigui visible després del muntatge.
En els cargols sense pretesar, cada conjunt de cargol, femella i volandera(es) s'ha de collar fins arribar al "collat a tocar" sense sobretesar els cargols. En grups de cargols aquest procés s'ha de fer progressivament començant pels cargols situats al centre. Si és necessari s'han de fer cicles addicionals de collat .
Abans de començar el pretesat, els cargols pretesats d'un grup s'han de collar d'acord amb el que s'ha indicat per als cargols sense pretesar. Per a que el pretesat sigui uniforme s'han de fer cicles addicionals de collat.
S'han de retirar els conjunts de cargol pretesat, femella i volandera(es) que després de collats fins al pretesat mínim, s'afluixin.
El collat dels cargols pretesats s'ha de fer seguint un dels procediments següents:
- Mètode de la clau dinamomètrica.
- Mètode de la femella indicadora.
- Mètode convinat.
Les superfícies que han de transmetre esforços per fricció s'han de netejar d'olis amb

netejadors químics. Després de la preparació i fins l'armat i cargolat s'han de protegir amb cobertes impermeables.
La zona sense revestir situada al voltant del perímetre de la unió amb cargols no s'ha de tractar fins que no s'hagi inspeccionat la unió.
COL·LOCACIÓ AMB SOLDADURA:
Els procediments autoritzats per a realitzar unions soldades són:
- Per arc elèctric manual amb elèctrode revestit
- Per arc amb fil tubular, sense protecció gasosa
- Per arc submergit amb fil/filferro
- Per arc submergit amb elèctrode nu
- Per arc amb gas inert
- Per arc amb gas actiu
- Per arc amb fil tubular, amb protecció de gas actiu
- Per arc amb fil tubular, amb protecció de gas inert
- Per arc amb elèctrode de wolfram i gas inert
- Per arc de connectors
Les soldadures s'han de fer protegides dels efectes directes del vent, de la pluja i de la neu.
A l'obra i a disposició del personal encarregat de soldar hi ha d'haver un pla de soldatge, que ha d'incloure, com a mínim, els detalls, mida i tipus de les unions, especificacions dels tipus d'electròdes i preescalfament, seqüència de soldadura, limitacions a la soldadura discontinua i comprovacions intermèdies, girs o voltes de les peces necessàries per la soldadura, detall de les fixacions provisionals, disposicions en front l'esquinçament laminar, referència al pla d'inspecció i assaigs, i tots els requeriments per al identificació de les soldadures.
Les soldadures s'han de fer per soldadors certificats per un organisme acreditat i qualificats segons l'UNE-EN 287-1.
La coordinació de les tasques de soldadura s'ha de fer per soldadors qualificats i amb experiència amb el tipus d'operació que supervisen.
Abans de començar a soldar s'ha de verificar que les superfícies i vores a soldar són adequades al procés de soldadura i que estan lliures de fissures.
Totes les superfícies a soldar s'han de netejar de qualsevol material que pugui afectar negativament la qualitat de la soldadura o perjudicar el procés de soldatge. S'han de mantenir seques i lliures de condensacions.
Els components a soldar han d'estar correctament col·locats i fixos en la seva posició mitjançant dispositius adequats o soldadures de punteig, de manera que les unions a soldar siguin accessibles i visibles per al soldador. No s'han d'introduir soldadures addicionals.
El muntatge de l'estructura s'ha de fer de manera que les dimensions finals dels components estructurals estiguin dintre de les toleràncies establertes.
Els dispositius provisionals utilitzats per al muntatge de l'estructura, s'han de retirar sense fer malbé les peces.
Les soldadures provisionals s'han d'executar seguint les especificacions generals. S'han d'eliminar totes les soldadures de punteig que no s'incorporin a les soldadures finals.
Quan el tipus de material de l'acer i/o la velocitat de refredament puguin produir un enduriment de la zona tèrmicament afectada s'ha de considerar la utilització del precalentament. Aquest s'ha d'estendre 75 mm en cada component del metall base.
No s'ha d'accelerar el refredament de les soldadures amb mitjans artificials.
Els cordons de soldadura successius no han de produir osques.
Després de fer un cordó de soldadura i abans de fer el següent, cal netejar l'escòria per mitjà d'una picola i d'un raspall.
L'execució dels diferents tipus de soldadures s'ha de fer d'acord amb els requisits establerts a l'apartat 10.3.4 del DB-SE A i l'article 77 de l'EAE o l'article 94 del CODI ESTRUCTURAL per a obres d'edificació o d'acord amb l'article 640.5.2 del PG3 i l'article 77 de l'EAE o l'article 94 del CODI ESTRUCTURAL per a obres d'enginyeria civil.
No s'han d'utilitzar materials de protecció que perjudiquin la qualitat de la soldadura a menys de 150 mm de la zona a soldar.
Les soldadures i el metall base adjacent no s'han de pintar sense haver eliminat prèviament l'escòria.

3.- UNITAT I CRITERI D'AMIDAMENT

BIGUES, BIGUETES, CORRETGES, ENCAVALLADES, LLINDES, PILARS, TRAVES, ELEMENTS D'ANCORATGE, ELEMENTS AUXILIARS:
kg de pes calculat segons les especificacions de la DT, d'acord amb els criteris següents:
- El pes unitari per al seu càlcul ha de ser el teòric
- Per a poder utilitzar un altre valor diferent del teòric, cal l'acceptació expressa de la DF.
Aquest criteri inclou les pèrdues de material corresponents a retalls.

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

OBRES D'EDIFICACIÓ:
Real Decreto 751/2011, de 27 de mayo, por el que se aprueba la Instrucción de Acero Estructural (EAE).
Real Decreto 470/2021, de 29 de junio, por el que se aprueba el Código Estructural.
Real Decreto 314/2006, de 17 de marzo, por el que se aprueba el Código Técnico de la Edificación Parte 2. Documento Básico de Acero DB-SE-A.
* UNE-ENV 1090-1:1997 Ejecución de estructuras de acero. Parte 1: Reglas generales y reglas para edificación.
OBRES D'ENGINYERIA CIVIL:
Real Decreto 751/2011, de 27 de mayo, por el que se aprueba la Instrucción de Acero Estructural (EAE).
Real Decreto 470/2021, de 29 de junio, por el que se aprueba el Código Estructural.
Orden de 6 de febrero de 1976 por la que se aprueba el Pliego de Prescripciones Técnicas Generales para Obras de Carreteras y Puentes (PG-3).

5.- CONDICIONS DE CONTROL D'EXECUCIÓ I DE L'OBRA ACABADA

CONTROL D'EXECUCIÓ. OPERACIONS DE CONTROL:
Abans de l'inici de l'execució, la DF verificarà que existeix un programa de control desenvolupat pel constructor, tant per als productes com per a l'execució.
Previ al subministrament, el constructor presentarà a la DF la següent documentació:
- creditació que el procés de muntatge al taller dels elements de l'estructura posseeix distintiu de qualitat reconegut.
- Acreditació que els productes d'acer posseeixen distintiu de qualitat reconegut.
- En processos de soldadura, certificats d'homologació dels soldadors segons UNE-EN 2871 i del procés de soldadura segons UNE-EN ISO 15614-1.
La DF comprovarà que els productes d'acer subministrats pel taller a l'obra, s'acompanyen de la seva fulla de subministrament, en cas que no es pugui realitzar la traçabilitat de la mateixa, aquesta serà rebutjada.
Prèvi a l'execució es fabricaran per a cada element i cada material a tallar, com a mínim quatre provetes, per part del control extern de l'entitat de control segons l'article 91.2.2.1 de l'EAE.
Es comprovarà que les dimensions dels elements elaborats al taller son les mateixes que les dels plànols de taller , considerant-se les toleràncies al plec de condicions.
Amb anterioritat a la fabricació, el constructor proposarà la seqüència d'armat i soldadura, aquesta haurà de ser aprovada per la DF.
Es marcaran les peces amb pintura segons plànols de taller, per identificar-les durant el muntatge al taller i a l'obra.
L'autocontrol del procés de muntatge inclourà com a mínim:
-Identificació del elements.
-Situació dels eixos de simetria.
-Situació de les zones de suport contigües.
-Paral·lelisme d'ales i platabandes.
-Perpendicularitat d'ales i ànimes.
-Abonyegament, rectitud i planor d'ales i ànimes.
-Contrafletxes.
La freqüència de comprovació serà del 100% per elements principals i del 25% per a elements secundaris.
La DF comprovarà amb antelació al muntatge la correspondència entre el projecte i els elements elaborats al taller, i la documentació del subministrament.
El constructor elaborarà la documentació corresponent al muntatge, aquesta serà aprovada per la DF, i com a mínim inclourà:
-Memòria de muntatge.
-Plànols de muntatge.
-Programa d'inspecció.
Es comprovarà la conformitat de totes les operacions de muntatge, especialment:
-L'ordre de cada operació.
-Eines utilitzades.
-Qualificació del personal.
-Traçabilitat del sistema.
UNIONS SOLDADES:
Els soldadors hauran d'estar en disposició de la qualificació adient conforme a l'apartat 77.4.2 de l'EAE o l'apartat 94.4.2 del CODI ESTRUCTURAL.
Cada soldador identificarà el seu treball amb marques personals no transferibles.
La soldadura es realitzarà segons l'apartat 77.4.1 de la EAE o l'apartat 94.4.1 del CODI ESTRUCTURAL, el constructor realitzarà el assajos i probes necessàries per establir el mètode de soldadura més adient.
Abans de realitzar la soldadura, es farà una inspecció de les peces a unir segons l'UNE-EN 970 segons EAE o UNE-EN iso 17637 segons el CODI ESTRUCTURAL.
Les inspeccions de les soldadures les realitzarà un inspector de soldadura de nivell 2 o persona autoritzada per la DF.
UNIONS CARGOLADES:

Es comprovaran .els parells de serratge aplicats als cargols.
En el cas de cargols pretesats es comprovarà que l'esforç aplicat és superior al mínim establert.
CONTROL D'EXECUCIÓ. CRITERIS DE PRESA DE MOSTRES:
Els controls s'han de fer segons les indicacions de la DF.
La mesura de les longituds es farà amb regla o cinta metàl·lica, d'exactitud no menor de 0,1 mm en cada metre, i no menor que 0,1 per mil en longituds majors.
La mesura de les fletxes de les barres es realitzarà per comparació entre la directriu del perfil i la línia recta definida entre les seccions extremes materialitzada amb un filferro tesat.
UNIONS SOLDADES:
La DF determinarà les soldadures que han de ser objecte d'anàlisi.
Els percentatges indicats poden ser variats, segons criteris de la DF, en funció dels resultats de la inspecció visual realitzada i dels anàlisis anteriors.
UNIONS CARGOLADES:
La DF determinarà les unions que han de ser objecte d'anàlisi.
CONTROL D'EXECUCIÓ. INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
El taller de fabricació ha de disposar d'un control dimensional adequat.
Quan es sobrepassi alguna de les toleràncies especificades en algun control, es corregirà la implantació en obra. A més a més, s'augmentarà el control, en l'apartat incomplet, fins a un 20% d'unitats. Si encara es troben irregularitats, es faran les oportunes correccions i/o rebuigs i es farà el control sobre el 100 % de les unitats amb les oportunes actuacions segons el resultat.
UNIONS SOLDADES:
La qualificació dels defectes observats en les inspeccions visuals i en les realitzades per mètodes no destructius, es farà d'acord amb les especificacions fixades al Plec de Condicions Particulars de l'obra.
CONTROL DE L'OBRA ACABADA. OPERACIONS DE CONTROL:
Inspecció visual de la unitat acabada.
En l'estructura acabada han de realitzar-se, les comprovacions i proves de servei previstes en projecte i/o ordenades per DF conjuntament amb les exigides per la normativa vigent.
UNIONS SOLDADES:
En l'estructura acabada han de realitzar-se, les comprovacions i proves de servei previstes en projecte i/o ordenades per DF conjuntament amb les exigides per la normativa vigent.
Es controlaran tots els cordons de soldadura.
Les soldadures que durant el procés de fabricació resultin inaccessibles, seran inspeccionades amb anterioritat.
A l'autocontrol de les soldadures es comprovarà com a mínim:
-Inspecció visual de tots els cordons.
-Comprovacions mitjançant assajos no destructius segons la taula 91.2.2.5 de l'EAE.
Es realitzaran els següents assajos no destructius segons la norma EN12062
-Líquids penetrants(LP) segons UNE-EN 1289.
-Partícules magnètiques(PM),segons UNE-EN 1290.
-Ultrasons(US), segons UNE-EN 1714.
-Radiografies(RX), segons UNE-EN 12517.
A tots els punt a on existeixin creuament de cordons de soldadura es realitzarà una radiografia addicional
Es realitzarà una inspecció mitjançant partícules magnètiques o líquids penetrants d'un 15% del total de la longitud de les soldadures en angle.
Es realitzarà una inspecció radiogràfica i ultrasònica de les soldadures a topar en planxes i unions en T quan aquestes siguin a topar.
Els criteris d'acceptació de les soldadures es basaran en l'UNE-EN ISO 5817.
UNIONS CARGOLADES:
La freqüència de comprovació serà del 100% per elements principals com bigues, i del 25% per a elements secundaris com rigiditzadors.
CONTROL DE L'OBRA ACABADA. CRITERIS DE PRESA DE MOSTRES:
Els controls s'han de fer segons les indicacions de la DF.
CONTROL DE L'OBRA ACABADA. INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
Correcció per part del contractista de les irregularitats observades.
UNIONS SOLDADES:
No s'acceptaran soldadures que no compleixin amb les especificacions.
No s'acceptaran unions soldades que no compleixin amb els assaigs no destructius.
No s'acceptaran soldadures realitzades per soldadors no qualificats

P4 ESTRUCTURES

P44 ESTRUCTURES D'ACER

P44C- PILAR D'ACER

0.- ELEMENTS QUE CONTEMPLA EL PLEC

P44C-PLE,P44C-DP1U.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DE LES PARTIDES D'OBRA EXECUTADES

Formació d'elements estructurals amb perfils normalitzats d'acer, utilitzats directament o formant peces compostes.
S'han considerat els elements següents:
- Pilars
S'han considerat els tipus de perfils següents:
- Perfils d'acer laminat en calent, de les sèries IPN, IPE, HEA, HEB, HEM o UPN, d'acer S275JR, S275J0, S275J2, S355JR, S355J0 o S355J2, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10025-2
- Perfils d'acer laminat en calent de les sèries L, LD, T, rodó, quadrat, rectangular o planxa, d'acer S275JR, S275J0, S275J2, S355JR, S355J0 o S355J2, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10025-2
- Perfils foradats d'acer laminat en calent de les sèries rodó, quadrat o rectangular d'acer S275J0H o S355J2H, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10210-1
- Perfils foradats conformats en fred de les sèries rodó, quadrat o rectangular d'acer S275J0H o S355J2H, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10219-1
- Perfils conformats en fred, de les sèries L, LD, U, C, Z, o Omega, d'acer S235JRC, segons CÓDIGO ESTRUCTURAL (RD 470/2021), EAE-2011, UNE-EN 10025-2
S'han considerat els acabats superficials següents:
- Pintat amb una capa d'emprimació antioxidant
- Galvanitzat
S'han considerat els tipus de col·locació següents:
- Col·locació amb soldadura
- Col·locació amb cargols
- Col·locació sobre obres de fàbrica o de formigó, recolzats o encastats
L'execució de la unitat d'obra inclou les operacions següents:
- Preparació de la zona de treball
- Replanteig i marcat dels eixos
- Col·locació i fixació provisional de la peça
- Aplomat i anivellació definitius
- Execució de les unions, en el seu cas
- Comprovació final de l'aplomat i dels nivells
CONDICIONS GENERALS:
Els materials utilitzats han de tenir la qualitat establerta a la DT. No s'han de fer modificacions sense autorització de la DF encara que suposin un increment de les característiques mecàniques.
La peça ha d'estar col·locada a la posició indicada a la DT, amb les modificacions aprovades per la DF.
La peça ha d'estar correctament aplomada i nivellada.
Quan la peça sigui composta, la disposició dels diferents elements de la peça, les seves dimensions, tipus d'acer i perfils s'han de correspondre amb les indicacions de la DT.
Cada component de l'estructura ha de dur una marca d'identificació que ha de ser visible després del muntatge. Aquesta marca no ha d'estar feta amb entalladura cisellada.
La marca d'identificació ha d'indicar l'orientació de muntatge del component estructural quan aquesta no es dedueixi clarament de la seva forma.
Els elements de fixació, i les xapes, plaques petites i accessoris de muntatge han d'anar embalats i identificats adequadament.
L'element ha d'estar pintat amb una capa de protecció de pintura antioxidant, excepte si està galvanitzat.
Els cantells de les peces no han de tenir òxid adherit, rebaves, estries o irregularitats que dificultin el contacte amb l'element que s'han d'unir.
Si el perfil està galvanitzat, la col·locació de l'element no ha de produir desperfectes en el recobriment del zenc.
L'element no s'ha d'adreçar un cop col·locat definitivament.
No es permet reblir amb soldadura els forats que han estat practicats a l'estructura per a disposar cargols provisionals de muntatge.
Toleràncies d'execució:
- En obres d'edificació: Límits establerts als apartats 11.1 i 11.2 del DB-SE A i a l'article 80 de l'EAE o l'annexe 16 del CODI ESTRUCTURAL.
- En obres d'enginyeria civil: Límits establerts a l'article 640.12 del PG3 i l'article 80 de l'EAE o l'annexe 16 del CODI ESTRUCTURAL.

PILARS:
Si la base del pilar ha de quedar embeguda dins de formigó no necessitarà protecció 30 mm segons la EAE o 50 mm segons el CODI ESTRUCTURAL per sota del nivell del formigó.
L'espai entre la placa de recolzament del pilar i els fonaments s'ha de reblir amb beurada de ciment, beurades especials o formigó fi.
Abans del rebliment, l'espai situat sota la placa de recolzament d'acer, ha d'estar net de líquids, gel, residus i de qualsevol material contaminant.
La quantitat de beurada utilitzada ha de ser suficient per a que aquest espai quedi completament reblert.
Segons el gruix a reblir les beurades han de ser dels següents tipus:
- Gruixos nominals inferiors a 25 mm: barreja de ciment pòrtland i aigua
- Gruixos nominals entre 25 i 50 mm: morter fluït de ciment pòrtland de dosificació no inferior a 1:1
- Gruixos nominals superiors a 50 mm: morter sec de ciment pòrtland de dosificació no inferior a 1:2 o formigó fi
Les beurades especials han de ser de baixa retracció i s'han d'utilitzar seguint les instruccions del seu fabricant.
COL·LOCACIÓ AMB CARGOLS:
S'utilitzaran cargols normalitzats d'acord a les normes recollides a la taula 29.2.b de l'EAE o la taula 85.2.b del CODI ESTRUCTURAL
Els cargols aixamfranats, cargols calibrats, perns articulats i els cargols hexagonals d'injecció s'han d'utilitzar seguint les instruccions del seu fabricant i han de complir els requisits addicionals establerts a l'article 29.2 de l'EAE o l'article 85.2 del CODI ESTRUCTURAL.
La situació dels cargols a la unió ha de ser tal que redueixi la possibilitat de corrosió i pandeig local de les xapes, i ha de facilitar el muntatge i les inspeccions.
El diàmetre nominal mínim dels cargols ha de ser de 12 mm.
La rosca pot estar inclosa en el pla de tall, excepte en el cas que els cargols s'utilitzin com a calibrats.
Després del collat l'espiga del cargol ha de sobresortir de la rosca de la femella. Entre la superfície de recolzament de la femella i la part no roscada de l'espiga ha d'haver, com a mínim:
- En cargols pretesats: 4 filets complerts més la sortida de la rosca
- En cargols sense pretesar: 1 filet complert més la sortida de la rosca
Les superfícies dels caps de cargols i femelles han d'estar perfectament planes i netes.
En els cargols col·locats en posició vertical, la femella ha d'estar situada per sota del cap del cargol.
En els forats rodons normals i amb cargols sense pretesar no és necessari utilitzar volanderes. Si s'utilitzen han d'anar sota el cap dels cargols, han de ser aixamfranades i el xamfrà ha d'estar situat en direcció al cap del cargol.
En els cargols pretesats, les volanderes han de ser planes endurides i han d'anar col·locades de la forma següent:
- Cargols 10.9: sota el cap del cargol i de la femella
- Cargols 8.8: sota de l'element que gira
Toleràncies d'execució:
- Franquícia màxima entre superfícies adjacents: - Si s'utilitzen cargols no pretesats: 2 mm - Si s'utilitzen cargols pretesats: 1 mm
- Diàmetre dels forats: - En obres d'edificació: Límits establerts a l'apartat 11.1 del DB-SE A i a l'article 76.2 de l'EAE o l'article 93.2 del CODI ESTRUCTURAL - En obres d'enginyeria civil: Límits establerts als apartats 640.5.1.3 i 640.5.1.4 del PG3 i a l'article 76.2 de l'EAE o l'article 93.2 del CODI ESTRUCTURAL.
- Posició dels forats: - En obres d'edificació: Límits establerts a l'apartat 11.1 del DB-SE A i a l'article 76.2 de l'EAE o l'article 93.2 del CODI ESTRUCTURAL. - En obres d'enginyeria civil: Límits establerts a l'apartat 640.5.1.1 del PG3 i a l'article 76.2 de l'EAE o l'article 93.2 del CODI ESTRUCTURAL.
COL·LOCACIÓ AMB SOLDADURA:
El material d'aportació utilitzat ha de ser apropiat als materials a soldar i al procediment de soldadura.
Les característiques mecàniques del material d'aportació han de ser superiors a les del material base.
En acers de resistència millorada a la corrosió atmosfèrica, la resistència a la corrosió del material d'aportació ha de ser equivalent a la del material base.
El plec de prescripcions tècniques particulars definirà el sistema de protecció enfront la corrossió.
Els mètodes de protecció podran ser:
- Metalització, segons l'UNE-EN ISO 2063.
- Galvanització en calent, segons l'UNE-EN ISO 1461.
- Sistemes de pintura, segons l'UNE-EN ISO 12944.

2.- CONDICIONS DEL PROCÉS D'EXECUCIÓ

CONDICIONS GENERALS:

El constructor ha d'elaborar els plànols de taller i un programa de muntatge que han de ser aprovats per la DF abans d'iniciar els treballs en obra.
Qualsevol modificació durant els treballs ha d'aprovar-la la DF i reflectir-se posteriorment en els plànols de taller.
Els components estructurals s'han de manipular evitant que es produeixin deformacions permanents i procurant que els desperfectes superficials siguin mínims. Han d'anar protegits en els punts de subjecció.
Tot subconjunt estructural que durant les operacions de càrrega, transport, emmagatzematge i muntatge experimenti desperfectes, s'ha de reparar fins que sigui conforme.
Si durant el transport el material ha sofert desperfectes que no poden ser corregits o es preveu que després d'arreglar-los afectarà al seu treball estructural, la peça ha de ser substituïda.
Els components de l'estructura s'han d'emmagatzemar apilats sobre el terreny sense estar en contacte amb el terra i de forma que no es produeixi acumulació d'aigua.
El muntatge de l'estructura s'ha de fer d'acord amb el programa de muntatge i garantint la seguretat estructural en tot moment.
Durant les operacions de muntatge, l'estructura ha de resistir, en condicions de seguretat, les càrregues provisionals de muntatge i els efectes de les càrregues de vent.
Les traves i encastaments o subjeccions provisionals s'han de mantenir en la seva posició fins que l'avanç del muntatge permeti que puguin ser retirats de forma segura.
Les unions per a peces provisionals necessàries per al muntatge s'han de fer de forma que no debilitin l'estructura ni disminueixin la seva capacitat de servei.
La secció de l'element no ha de quedar disminuida pels sistemes de muntatges utilitzats.
Els dispositius d'ancoratge provisionals s'han d'assegurar per a evitar que s'afluixin de forma involuntària.
Durant el procés de muntatge, el constructor ha de garantir que ninguna part de l'estructura estigui deformada o sobrecarregada permanentment per l'apilament de materials estructurals o per càrregues provisionals de muntatge.
Un cop muntada una part de l'estructura, s'ha d'alinear al més aviat possible i immediatament després completar el cargolament.
No s'han de fer unions permanents fins que una part suficient de l'estructura no estigui ben alineada, anivellada, aplomada i unida provisionalment de manera que no es produeixin desplaçaments durant el muntatge o l'alineació posterior de la resta de l'estructura.
La preparació de les unions que s'hagin de realitzar a obra es farà a taller.
Els desperfectes que les operacions de magatzematge i manipulació ocasionin en l'acabat superficial de l'estructura s'han de reparar amb procediments adequats.
Es tindrà especial cura del drenatge de cobertes i façanes, així com s'evitaran zones on es pugui dipositar l'aigua de forma permanent.
Els elements de fixació i ancoratge dispossaran de protecció adient a la classe d'expossició ambiental.
Per a la reparació de superfícies galvanitzades s'han d'utilitzar productes de pintura adequats aplicats sobre àrees que agafin, com a mínim, 10 mm de galvanització intacta.
Les parts que hagin de quedar de difícil accés després del seu muntatge han de rebre el tractament de protecció després de la inspecció i acceptació de la DF i abans del muntatge.
Les estructures amb planxes i peces primes conformades en fred s'executaran considerant els requisits addicionals de l'UNE-ENV 1090-2.
Les estructures amb acers d'alt límit elàstic s'executaran considerant els requisits addicionals de l'UNE-ENV 1090-3.
Les estructures amb gelosia de secció foradada s'executaran tenint en compte els requisits addicionals de l'UNE-ENV 1090-4.
COL·LOCACIÓ AMB CARGOLS:
Els forats per als cargols s'han de fer amb perforadora mecànica. S'admet un altre procediment sempre que proporcioni un acabat equivalent.
Es permet l'execució de forats amb punxonatge sempre que es compleixin els requisits establerts a l'apartat 10.2.3 del DB-SE A en obres d'edificació o els establerts a l'apartat 640.5.1.1 del PG3 en obres d'enginyeria civil.
És recomanable que, sempre que sigui possible, es perforin d'un sol cop els forats que travessin dues o més peces.
Els forats allargats s'han de fer amb una operació de punxonatge, o amb la perforació o punxonatge de dos forats i posterior oxitall.
Després de perforar les peces i abans d'unir-les s'han d'eliminar les rebaves.
Els cargols i les femelles no s'han de soldar, a menys que així ho expliciti el plec de condicions tècniques particulars.
S'han de col·locar el nombre suficient de cargols de muntatge per assegurar la immobilitat de les peces armades i el contacte íntim de les peces d'unió.
Les femelles s'han de muntar de manera que la seva marca de designació sigui visible després del muntatge.
En els cargols sense pretesar, cada conjunt de cargol, femella i volandera(es) s'ha de collar fins arribar al "collat a tocar" sense sobretesar els cargols. En grups de cargols aquest procés s'ha de fer progressivament començant pels cargols situats al centre. Si és necessari s'han de fer cicles addicionals de collat .
Abans de començar el pretesat, els cargols pretesats d'un grup s'han de collar d'acord amb el que s'ha indicat per als cargols sense pretesar. Per a que el pretesat sigui uniforme s'han de

fer cicles addicionals de collat.
S'han de retirar els conjunts de cargol pretesat, femella i volandera(es) que després de collats fins al pretesat mínim, s'afluixin.
El collat dels cargols pretesats s'ha de fer seguint un dels procediments següents:
- Mètode de la clau dinamomètrica.
- Mètode de la femella indicadora.
- Mètode convinat.
Les superfícies que han de transmetre esforços per fricció s'han de netejar d'olis amb netejadors químics. Després de la preparació i fins l'armat i cargolat s'han de protegir amb cobertes impermeables.
La zona sense revestir situada al voltant del perímetre de la unió amb cargols no s'ha de tractar fins que no s'hagi inspeccionat la unió.
COL·LOCACIÓ AMB SOLDADURA:
Els procediments autoritzats per a realitzar unions soldades són:
- Per arc elèctric manual amb elèctrode revestit
- Per arc amb fil tubular, sense protecció gasosa
- Per arc submergit amb fil/filferro
- Per arc submergit amb elèctrode nu
- Per arc amb gas inert
- Per arc amb gas actiu
- Per arc amb fil tubular, amb protecció de gas actiu
- Per arc amb fil tubular, amb protecció de gas inert
- Per arc amb elèctrode de wolfram i gas inert
- Per arc de connectors
Les soldadures s'han de fer protegides dels efectes directes del vent, de la pluja i de la neu.
A l'obra i a disposició del personal encarregat de soldar hi ha d'haver un pla de soldatge, que ha d'incloure, com a mínim, els detalls, mida i tipus de les unions, especificacions dels tipus d'electròdes i preescalfament, seqüència de soldadura, limitacions a la soldadura discontinua i comprovacions intermèdies, girs o voltes de les peces necessàries per la soldadura, detall de les fixacions provisionals, disposicions en front l'esquinçament laminar, referència al pla d'inspecció i assaigs, i tots els requeriments per al identificació de les soldadures.
Les soldadures s'han de fer per soldadors certificats per un organisme acreditat i qualificats segons l'UNE-EN 287-1.
La coordinació de les tasques de soldadura s'ha de fer per soldadors qualificats i amb experiència amb el tipus d'operació que supervisen.
Abans de començar a soldar s'ha de verificar que les superfícies i vores a soldar són adequades al procés de soldadura i que estan lliures de fissures.
Totes les superfícies a soldar s'han de netejar de qualsevol material que pugui afectar negativament la qualitat de la soldadura o perjudicar el procés de soldatge. S'han de mantenir seques i lliures de condensacions.
Els components a soldar han d'estar correctament col·locats i fixos en la seva posició mitjançant dispositius adequats o soldadures de punteig, de manera que les unions a soldar siguin accessibles i visibles per al soldador. No s'han d'introduir soldadures addicionals.
El muntatge de l'estructura s'ha de fer de manera que les dimensions finals dels components estructurals estiguin dintre de les toleràncies establertes.
Els dispositius provisionals utilitzats per al muntatge de l'estructura, s'han de retirar sense fer malbé les peces.
Les soldadures provisionals s'han d'executar seguint les especificacions generals. S'han d'eliminar totes les soldadures de punteig que no s'incorporin a les soldadures finals.
Quan el tipus de material de l'acer i/o la velocitat de refredament puguin produir un enduriment de la zona tèrmicament afectada s'ha de considerar la utilització del precalentament. Aquest s'ha d'estendre 75 mm en cada component del metall base.
No s'ha d'accelerar el refredament de les soldadures amb mitjans artificials.
Els cordons de soldadura successius no han de produir osques.
Després de fer un cordó de soldadura i abans de fer el següent, cal netejar l'escòria per mitjà d'una picola i d'un raspall.
L'execució dels diferents tipus de soldadures s'ha de fer d'acord amb els requisits establerts a l'apartat 10.3.4 del DB-SE A i l'article 77 de l'EAE o l'article 94 del CODI ESTRUCTURAL per a obres d'edificació o d'acord amb l'article 640.5.2 del PG3 i l'article 77 de l'EAE o l'article 94 del CODI ESTRUCTURAL per a obres d'enginyeria civil.
No s'han d'utilitzar materials de protecció que perjudiquin la qualitat de la soldadura a menys de 150 mm de la zona a soldar.
Les soldadures i el metall base adjacent no s'han de pintar sense haver eliminat prèviament l'escòria.

3.- UNITAT I CRITERI D'AMIDAMENT

BIGUES, BIGUETES, CORRETGES, ENCAVALLADES, LLINDES, PILARS, TRAVES, ELEMENTS D'ANCORATGE, ELEMENTS AUXILIARS:
kg de pes calculat segons les especificacions de la DT, d'acord amb els criteris següents:

- El pes unitari per al seu càlcul ha de ser el teòric
- Per a poder utilitzar un altre valor diferent del teòric, cal l'acceptació expressa de la DF.

Aquest criteri inclou les pèrdues de material corresponents a retalls.

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

OBRES D'EDIFICACIÓ:
Real Decreto 751/2011, de 27 de mayo, por el que se aprueba la Instrucción de Acero Estructural (EAE).
Real Decreto 470/2021, de 29 de junio, por el que se aprueba el Código Estructural.
Real Decreto 314/2006, de 17 de marzo, por el que se aprueba el Código Técnico de la Edificación Parte 2. Documento Básico de Acero DB-SE-A.
* UNE-ENV 1090-1:1997 Ejecución de estructuras de acero. Parte 1: Reglas generales y reglas para edificación.
OBRES D'ENGINYERIA CIVIL:
Real Decreto 751/2011, de 27 de mayo, por el que se aprueba la Instrucción de Acero Estructural (EAE).
Real Decreto 470/2021, de 29 de junio, por el que se aprueba el Código Estructural.
Orden de 6 de febrero de 1976 por la que se aprueba el Pliego de Prescripciones Técnicas Generales para Obras de Carreteras y Puentes (PG-3).

5.- CONDICIONS DE CONTROL D'EXECUCIÓ I DE L'OBRA ACABADA

CONTROL D'EXECUCIÓ. OPERACIONS DE CONTROL:
Abans de l'inici de l'execució, la DF verificarà que existeix un programa de control desenvolupat pel constructor, tant per als productes com per a l'execució.
Previ al subministrament, el constructor presentarà a la DF la següent documentació:
- creditació que el procés de muntatge al taller dels elements de l'estructura posseeix distintiu de qualitat reconegut.
- Acreditació que els productes d'acer posseeixen distintiu de qualitat reconegut.
- En processos de soldadura, certificats d'homologació dels soldadors segons UNE-EN 2871 i del procés de soldadura segons UNE-EN ISO 15614-1.

La DF comprovarà que els productes d'acer subministrats pel taller a l'obra, s'acompanyen de la seva fulla de subministrament, en cas que no es pugui realitzar la traçabilitat de la mateixa, aquesta serà rebutjada.
Prèvi a l'execució es fabricaran per a cada element i cada material a tallar, com a mínim quatre provetes, per part del control extern de l'entitat de control segons l'article 91.2.2.1 de l'EAE.
Es comprovarà que les dimensions dels elements elaborats al taller son les mateixes que les dels plànols de taller , considerant-se les toleràncies al plec de condicions.
Amb anterioritat a la fabricació, el constructor proposarà la seqüència d'armat i soldadura, aquesta haurà de ser aprovada per la DF.
Es marcaran les peces amb pintura segons plànols de taller, per identificar-les durant el muntatge al taller i a l'obra.
L'autocontrol del procés de muntatge inclourà com a mínim:
-Identificació del elements.
-Situació dels eixos de simetria.
-Situació de les zones de suport contigües.
-Paral·lelisme d'ales i platabandes.
-Perpendicularitat d'ales i ànimes.
-Abonyegament, rectitud i planor d'ales i ànimes.
-Contrafletxes.
La freqüència de comprovació serà del 100% per elements principals i del 25% per a elements secundaris.
La DF comprovarà amb antelació al muntatge la correspondència entre el projecte i els elements elaborats al taller, i la documentació del subministrament.
El constructor elaborarà la documentació corresponent al muntatge, aquesta serà aprovada per la DF, i com a mínim inclourà:
-Memòria de muntatge.
-Plànols de muntatge.
-Programa d'inspecció.
Es comprovarà la conformitat de totes les operacions de muntatge, especialment:
-L'ordre de cada operació.
-Eines utilitzades.
-Qualificació del personal.
-Traçabilitat del sistema.
UNIONS SOLDADES:
Els soldadors hauran d'estar en disposició de la qualificació adient conforme a l'apartat 77.4.2 de l'EAE o l'apartat 94.4.2 del CODI ESTRUCTURAL.
Cada soldador identificarà el seu treball amb marques personals no transferibles.

La soldadura es realitzarà segons l'apartat 77.4.1 de la EAE o l'apartat 94.4.1 del CODI ESTRUCTURAL, el constructor realitzarà el assajos i probes necessàries per establir el mètode de soldadura més adient.
Abans de realitzar la soldadura, es farà una inspecció de les peces a unir segons l'UNE-EN 970 segons EAE o UNE-EN iso 17637 segons el CODI ESTRUCTURAL.
Les inspeccions de les soldadures les realitzarà un inspector de soldadura de nivell 2 o persona autoritzada per la DF.
UNIONS CARGOLADES:
Es comprovaran .els parells de serratge aplicats als cargols.
En el cas de cargols pretesats es comprovarà que l'esforç aplicat és superior al mínim establert.
CONTROL D'EXECUCIÓ. CRITERIS DE PRESA DE MOSTRES:
Els controls s'han de fer segons les indicacions de la DF.
La mesura de les longituds es farà amb regla o cinta metàl·lica, d'exactitud no menor de 0,1 mm en cada metre, i no menor que 0,1 per mil en longituds majors.
La mesura de les fletxes de les barres es realitzarà per comparació entre la directriu del perfil i la línia recta definida entre les seccions extremes materialitzada amb un filferro tesat.
UNIONS SOLDADES:
La DF determinarà les soldadures que han de ser objecte d'anàlisi.
Els percentatges indicats poden ser variats, segons criteris de la DF, en funció dels resultats de la inspecció visual realitzada i dels anàlisis anteriors.
UNIONS CARGOLADES:
La DF determinarà les unions que han de ser objecte d'anàlisi.
CONTROL D'EXECUCIÓ. INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
El taller de fabricació ha de disposar d'un control dimensional adequat.
Quan es sobrepassi alguna de les toleràncies especificades en algun control, es corregirà la implantació en obra. A més a més, s'augmentarà el control, en l'apartat incomplet, fins a un 20% d'unitats. Si encara es troben irregularitats, es faran les oportunes correccions i/o rebuigs i es farà el control sobre el 100 % de les unitats amb les oportunes actuacions segons el resultat.
UNIONS SOLDADES:
La qualificació dels defectes observats en les inspeccions visuals i en les realitzades per mètodes no destructius, es farà d'acord amb les especificacions fixades al Plec de Condicions Particulars de l'obra.
CONTROL DE L'OBRA ACABADA. OPERACIONS DE CONTROL:
Inspecció visual de la unitat acabada.
En l'estructura acabada han de realitzar-se, les comprovacions i proves de servei previstes en projecte i/o ordenades per DF conjuntament amb les exigides per la normativa vigent.
UNIONS SOLDADES:
En l'estructura acabada han de realitzar-se, les comprovacions i proves de servei previstes en projecte i/o ordenades per DF conjuntament amb les exigides per la normativa vigent.
Es controlaran tots els cordons de soldadura.
Les soldadures que durant el procés de fabricació resultin inaccessibles, seran inspeccionades amb anterioritat.
A l'autocontrol de les soldadures es comprovarà com a mínim:
-Inspecció visual de tots els cordons.
-Comprovacions mitjançant assajos no destructius segons la taula 91.2.2.5 de l'EAE.
Es realitzaran els següents assajos no destructius segons la norma EN12062
-Líquids penetrants(LP) segons UNE-EN 1289.
-Partícules magnètiques(PM),segons UNE-EN 1290.
-Ultrasons(US), segons UNE-EN 1714.
-Radiografies(RX), segons UNE-EN 12517.
A tots els punt a on existeixin creuament de cordons de soldadura es realitzarà una radiografia addicional
Es realitzarà una inspecció mitjançant partícules magnètiques o líquids penetrants d'un 15% del total de la longitud de les soldadures en angle.
Es realitzarà una inspecció radiogràfica i ultrasònica de les soldadures a topar en planxes i unions en T quan aquestes siguin a topar.
Els criteris d'acceptació de les soldadures es basaran en l'UNE-EN ISO 5817.
UNIONS CARGOLADES:
La freqüència de comprovació serà del 100% per elements principals com bigues, i del 25% per a elements secundaris com rigiditzadors.
CONTROL DE L'OBRA ACABADA. CRITERIS DE PRESA DE MOSTRES:
Els controls s'han de fer segons les indicacions de la DF.
CONTROL DE L'OBRA ACABADA. INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
Correcció per part del contractista de les irregularitats observades.
UNIONS SOLDADES:
No s'acceptaran soldadures que no compleixin amb les especificacions.
No s'acceptaran unions soldades que no compleixin amb els assaigs no destructius.
No s'acceptaran soldadures realitzades per soldadors no qualificats

P4 ESTRUCTURES

P4Z ELEMENTS ESPECIALS PER A ESTRUCTURES

P4Z0- ANCORATGES PER A ESTRUCTURES

0.- ELEMENTS QUE CONTEMPLA EL PLEC

P4Z0-61TF.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DE LES PARTIDES D'OBRA EXECUTADES

Operacions de reparació d'elements estructurals d'obra de fàbrica ceràmica, com ara parets, voltes o arcs.
S'han considerat les unitats d'obra següents:
- Ancoratge sobre fàbrica de pedra, mitjançant rodó d'acer inoxidable o bronze, introduït en el forat practicat sobre el suport i reblert posterior amb resina epoxi
- Ancoratge amb tac d'acer inoxidable, volandera i femella, sobre suport d'obra ceràmica formigó o pedra
- Ancoratge amb tac químic amb cargol, volandera i femella d'acer inoxidable i ampolla d'adhesiu, sobre suport d'obra de fàbrica de maó massís
L'execució de la unitat d'obra inclou les operacions següents:
Ancoratge amb rodons
- Neteja i preparació de la zona de treball
- Replanteig de la posició dels ancoratges
- Perforació dels ancoratges
- Confecció del morter polimèric, i injecció als forats
- Col·locació de l'ancoratge, recollida del morter sobrant, i falcat provisional
- Retirada de les falques, una vegada endurit el morter, i neteja dels paraments
Ancoratge amb tac d'acer inoxidable:
- Neteja i preparació de la zona de treball
- Replanteig de la posició dels ancoratges
- Perforació dels suports
- Col·locació de l'ancoratge i fixació del mateix amb el cargol
Ancoratge amb tac químic:
- Neteja i preparació de la zona de treball
- Replanteig de la posició dels ancoratges
- Perforació dels suports
- Introducció de l'ampolla de resines
- Col·locació de l'ancoratge, recollida de les resines sobrants
ANCORATGE AMB RODONS:
Els rodons han d'estar disposat, als llocs indicats a la DT, o en el seu defecte, els que determini la DF.
Si es possible, cal evitar que els extrems dels ancoratges estiguin a una mateixa alineació, per evitar una nova línia de fractura.
Els ancoratges han d'estar fixats a les pedres. Mai als junts.
Les perforacions per ancorar les grapes han de tenir un diàmetre igual al doble de la barra utilitzada.
El reblert dels forats s'ha de fer amb un morter elàstic.
ANCORATGE AMB TAC D'ACER INOXIDABLE O TAC QUÍMIC:
Ha d'estar situat als llocs indicats a la DT, o en el seu defecte, els que determini la DF.
Cal verificar que el suport te la resistència suficient per assolir les càrregues previstes.
En fàbriques de maons o de pedra, no s'han de situar les perforacions a prop dels junts.
Els paraments han d'estar nets de la pols de la perforació i de les restes de morter si es el cas.

2.- CONDICIONS DEL PROCÉS D'EXECUCIÓ

CONDICIONS GENERALS:
Els morters preparats s'han de confeccionar d'acord amb les instruccions del fabricant, i s'han d'utilitzar dins del temps màxim establert.
Els paraments on es col·loqui el morter, cal que estiguin lleugerament humits, sense que

l'aigua regalimi.

3.- UNITAT I CRITERI D'AMIDAMENT

ANCORATGE AMB TAC D'ACER INOXIDABLE O TAC QUÍMIC:
Unitat de quantitat realment executada segons les especificacions de la DT.
ANCORATGE AMB RODÓ D'ACER INOXIDABLE O BRONZE:
m de llargària, realment executada d'acord amb la DT.

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

No hi ha normativa de compliment obligatori.

P5 COBERTES

P56 LLUERNES

P560- LLUERNES DE PLAQUES DE POLICARBONAT

0.- ELEMENTS QUE CONTEMPLA EL PLEC

P560-6RN6.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DE LES PARTIDES D'OBRA EXECUTADES

Muntatge de lluernari de plaques de policarbonat amb suports de perfil d'alumini i junts d'estanquitat, per a tancament de buit d'il·luminació en cobertes.
Es consideren incloses dins d'aquesta unitat d'obra les operacions següents:
LLUERNARIS DE PLAQUES DE POLICARBONAT
- Replanteig
- Col·locació dels perfils d'alumini
- Fixació de les plaques, i col·locació dels elements de protecció i d'estanquitat de les fixacions
- Neteja de tots els elements
CONDICIONS GENERALS:
El conjunt dels elements col·locats ha de ser estanc.
Entre el sòcol i el lluernari hi ha d'haver un sistema de circulació d'aire per evitar condensacions.
El sòcol del lluernari ha d'estar protegit amb una làmina impermeabilitzant, que ha de complir les especificacions del seu plec de condicions.
Un vegada col·locat, l'element ha de mantenir els valors de permeabilitat a l'aire indicats a la DT.
Alçària del sòcol sobre la capa d'acabat de la coberta: >= 15 cm
Toleràncies d'execució:
- Nivells: ± 20 mm
- Horitzontalitat: ± 3 mm/m
LLUERNARIS DE PLAQUES DE POLICARBONAT
S'ha de garantir l'estanquitat en la zona del vessant en contacte amb el bastiment, amb elements de protecció que cavalquin sobre les peces de la coberta.
La làmina impermeabilitzant ha de cavalcar >= 30 cm sobre la impermeabilització de la coberta.
Els elements de suport del lluernari han d'estar fixats mecànicament al sòcol d'obra.
Els junts d'estanquitat han d'estar col·locats a pressió en tot el perímetre de la placa.
Cavalcament dels elements de protecció sobre la coberta: >= 10 cm
L'estructura ha d'estar ben aplomada, sense deformacions dels angles, al nivell i pla previstos.

2.- CONDICIONS DEL PROCÉS D'EXECUCIÓ

S'han d'aturar els treballs quan la velocitat del vent sigui superior a 50 km/h o plogui. Si un cop realitzats els treballs es donen aquestes condicions, s'han de revisar i assegurar les

parts fetes.
La impermeabilització de la coberta s'ha de realitzar abans de col·locar el lluernari.
El suport s'ha d'anivellar amb una recrescuda de morter.

3.- UNITAT I CRITERI D'AMIDAMENT

LLUERNARIS DE PLAQUES DE POLICARBONAT
m2 de superfície amidada segons les especificacions de la DT.

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

Documento Básico de Salubridad DB-HS, parte II del CTE, aprobado por el Real Decreto 314/2006.

5.- CONDICIONS DE CONTROL D'EXECUCIÓ I DE L'OBRA ACABADA

CONTROL D'EXECUCIÓ. OPERACIONS DE CONTROL:
Els punts de control més destacables són els següents:
- Inspecció visual del material abans de la seva col·locació, rebutjant les peces malmeses
- Replanteig inicial
- Col·locació dels perfils d'alumini
- Inspecció visual del procediment d'execució, amb especial atenció a la fixació de les plaques i a la col·locació dels elements de protecció quan correspongui i a la col·locació de tapajunts.

CONTROL DE L'OBRA ACABADA. OPERACIONS DE CONTROL:
- Inspecció visual de la unitat acabada. Proves finals d'estanquitat

CRITERIS DE PRESA DE MOSTRES:
Els controls s'han de fer segons les indicacions de la DF.
INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
Correcció per part del contractista de les irregularitats observades.
No s'ha de permetre la continuació dels treballs fins que no estiguin solucionats els defectes d'execució.

P6 TANCAMENTS I DIVISÒRIES

P63 TANCAMENTS DE PLAQUES CONFORMADES

P63B- TANCAMENT VERTICAL AMB PANELL SANDVITX D'ACER AMB AÏLLAMENT INTERIOR

0.- ELEMENTS QUE CONTEMPLA EL PLEC

P63B-HIJS.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DE LES PARTIDES D'OBRA EXECUTADES

Tancament vertical mitjançant plaques formades per dues planxes d'acer amb un nucli de material aïllant, poliuretà, llana de roca, etc., col·locades amb fixacions mecàniques.
L'execució de la unitat d'obra inclou les operacions següents:
- Replanteig
- Col·locació de les plaques
- Col·locació de les fixacions mecàniques

CONDICIONS GENERALS:
El conjunt ha de quedar aplomat i ben ancorat al suport.
El conjunt acabat ha de tenir un color uniforme.
Les plaques han d'estar alineades en la direcció vertical i en la direcció horitzontal.
El conjunt dels elements col·locats ha de ser estanc.
La part superior i les cantonades han d'estar protegides de l'entrada de l'aigua amb peces especials del mateix acabat que la placa.
Totes les fixacions han d'estar a la part alta dels nervis i han de portar una volandera d'estanquitat.
Les unions laterals entre plaques han de quedar protegides en el sentit del recorregut de

l'aigua i del vent dominant.
Punts de fixació per placa: >= 6
Distància entre la fixació i els extrems de la placa: >= 2 cm
Toleràncies d'execució:
- Aplomat entre dues plaques consecutives: ± 10 mm
- Aplomat total: ± 30 mm
- Paral·lelisme entre dues plaques consecutives: ± 5 mm
- Paral·lelisme del conjunt de plaques: ± 10 mm
- Nivell entre dues plaques consecutives: ± 2 mm
- Nivell entre les plaques d'una filada: ± 10 mm

2.- CONDICIONS DEL PROCÉS D'EXECUCIÓ

S'han d'aturar els treballs quan la velocitat del vent sigui superior a 50 km/h o plogui. Si un cop realitzats els treballs es donen aquestes condicions, s'han de revisar i assegurar les parts fetes.
Les plaques han de col·locar-se a partir del punt més baix.

3.- UNITAT I CRITERI D'AMIDAMENT

m2 de superfície amidada segons les especificacions de la DT.

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

No hi ha normativa de compliment obligatori.

5.- CONDICIONS DE CONTROL D'EXECUCIÓ I DE L'OBRA ACABADA

CONTROL D'EXECUCIÓ. OPERACIONS DE CONTROL:
Els punts de control més destacables són els següents:
- Inspecció visual del material abans de la seva col·locació, rebutjant les peces malmeses
- Replanteig inicial
- Inspecció visual del procediment d'execució, amb especial atenció a les subjeccions, cavalcament entre peces, i a l'alineació longitudinal i transversal.
- Comprovació de la geometria del parament vertical
CONTROL D'EXECUCIÓ. CRITERIS DE PRESA DE MOSTRES:
Els controls s'han de fer segons les indicacions de la DF.
CONTROL D'EXECUCIÓ. INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
Correcció per part del contractista de les irregularitats observades.
No s'ha de permetre la continuació dels treballs fins que no estiguin solucionats els defectes d'execució.
CONTROL DE L'OBRA ACABADA. OPERACIONS DE CONTROL:
Els punts de control més destacables són els següents:
Inspecció visual de la unitat acabada.
- En el control es seguiran els criteris indicats en l'article 7.4 de la part I del CTE.
- Prova d'estanqueïtat de façana pel mètode de ruixament directe UNE-EN 13051.
CONTROL DE L'OBRA ACABADA. CRITERIS DE PRESA DE MOSTRES:
- Segons les indicacions de la DF.
CONTROL DE L'OBRA ACABADA. INTERPRETACIÓ DE RESULTATS I ACTUACIONS EN CAS D'INCOMPLIMENT:
Correcció per part del contractista de les irregularitats observades.

P7 IMPERMEABILITZACIONS, AÏLLAMENTS I FORMACIÓ DE JUNTS

P7D AÏLLAMENTS CONTRA EL FOC

P7D6- PINTAT IGNÍFUG DE PERFILS D'ACER

0.- ELEMENTS QUE CONTEMPLA EL PLEC

P7D6-PIL,P7D6-613L.

Plec de condicions
1.- DEFINICIÓ I CONDICIONS DE LES PARTIDES D'OBRA EXECUTADES

Preparació i aplicació d'un recobriment de pintura sobre perfils estructurals metàl·lics, per a augmentar la resistència i estabilitat al foc de l'element, mitjançant diferents capes aplicades en obra.
L'execució de la unitat d'obra inclou les operacions següents:
- Preparació de la superfície a pintar, fregat de l'òxid i neteja prèvia si és el cas, amb aplicació de les capes d'emprimació, de protecció o de fons, necessàries i del tipus adequat segons la composició de la pintura d'acabat
- Aplicació successiva, amb els intervals d'assecat, de les capes de pintura d'acabat
CONDICIONS GENERALS:
En el revestiment no hi ha d'haver fissures, bosses ni d'altres defectes.
Ha de tenir el color, la brillantor i la textura uniformes.
El revestiment ha de cobrir completament totes les parts descobertes dels perfils, inclús les no accessibles.
Ha de comprobar-se la compatibilitat entre la capa d'imprimació antioxidant i la pintura intumescent, al igual que amb la pintura d'acabat. La pintura d'acabat no ha d'impedir el desenvolupament de l'escuma que genera la pintura intumescent i la seva conseqüent expansió en cas d'incendi.
La imprimació ha de compatibilitzar la protecció anticorrosiva amb la protecció al foc.

2.- CONDICIONS DEL PROCÉS D'EXECUCIÓ

CONDICIONS GENERALS:
S'han d'aturar els treballs si es donen les condicions següents:
- Temperatures inferiors a 5°C o superiors a 30°C
- Humitat relativa de l'aire > 60%
- En exteriors: Velocitat del vent > 50 km/h, Pluja
Si un cop realitzats els treballs es donen aquestes condicions, s'ha de revisar la feina feta 24 h abans i s'han de refer les parts afectades.
S'han d'eliminar les possibles incrustacions de ciment o de calç i s'ha de desgreixar la superfície. Tot seguit s'han d'aplicar les capes d'emprimació que siguin necessàries.
Ha de tenir una consistència adequada per a la seva aplicació amb rodet, brotxa o pistola.
No es pot pintar sobre suports molt freds ni sobreescalfats.
El sistema d'aplicació del producte s'ha d'escollir d'acord amb les instruccions del fabricant i l'autorització de la DF.
Quan el revestiment estigui format per més d'una capa, la primera capa s'ha d'aplicar lleugerament diluïda, segons les instruccions del fabricant.
No s'ha d'aplicar una capa si la capa anterior no està completament seca.
Abans d'aplicar la pintura, els perfils han d'estar protegits de la corrossió amb la imprimació antioxidant.
S'han d'evitar els treballs que desprenguin pols o partícules prop de l'àrea a tractar, abans, durant i després de l'aplicació.
No s'admet la utilització de procediments artificials d'assecatge.

3.- UNITAT I CRITERI D'AMIDAMENT

m2 de superfície realment pintada segons les especificacions de la DT.
Cal considerar el desenvolupament del perímetre.

4.- NORMATIVA DE COMPLIMENT OBLIGATORI

UNE 48287-1:1996 Sistemas de pinturas intumescentes para la protección del acero estructural. Parte 1: Requisitos.
UNE 48287-2:1996 Sistemas de pinturas intumescentes para la protección del acero estructural. Parte 2: Guía para la aplicación.

IV. AMIDAMENTS

AMIDAMENTS

Data: 15/03/23 Pàg.: 1

Obra 01 PRESSUPOST 2302_FRE_POLI_MOD
Capítol 00 ENDERROCS

NUM.	CODI	UA	DESCRIPCIÓ
1	P214B-HBIJ	m2	Desmuntatge de reixa i ancoratges, amb mitjans manuals, aplec de material per a la seva reutilització i càrrega de runa sobre camió o contenidor

Num.	Text	Tipus	[C]	[D]	[E]	[F]	TOTAL	Fórmula
1		T	L	h	trams			
2	Mur de bloc		5,000	2,500	1,000		12,500	C#*D#*E#*F#

TOTAL AMIDAMENT **12,500**

Obra 01 PRESSUPOST 2302_FRE_POLI_MOD
Capítol 01 IMPERMEABILITZACIÓ

NUM.	CODI	UA	DESCRIPCIÓ
1	P7JC-5QDX	m	Segellat de junt entre materials d'obra de 20 mm d'amplària i 30 mm de fondària, amb junt expansiu en contacte amb l'aigua de bentonita de sodi i cautxú butil

Num.	Text	Tipus	[C]	[D]	[E]	[F]	TOTAL	Fórmula
1		T						
2	Junt longitudinal		44,000				44,000	C#*D#*E#*F#
3	Junt entre plaques		4,000	9,000			36,000	C#*D#*E#*F#

TOTAL AMIDAMENT **80,000**

NUM.	CODI	UA	DESCRIPCIÓ
2	P9U1-HCHJ	m	Mitja canya de radi 6 cm, feta amb morter de ciment

Num.	Text	Tipus	[C]	[D]	[E]	[F]	TOTAL	Fórmula
1		T						
2	Junt longitudinal		44,000	2,000			88,000	C#*D#*E#*F#

TOTAL AMIDAMENT **88,000**

NUM.	CODI	UA	DESCRIPCIÓ
3	P781-5ZNG	m2	Impermeabilització de paraments horitzontals amb polímer acrílic, amb una dotació de 2 kg/m2

Num.	Text	Tipus	[C]	[D]	[E]	[F]	TOTAL	Fórmula
1		T	L	a				
2	Grada superior		44,000	2,670			117,480	C#*D#*E#*F#
3	Grada 2		44,000	0,700			30,800	C#*D#*E#*F#
4	Grada 1		44,000	0,700			30,800	C#*D#*E#*F#
5	Panys verticals		44,000	0,800			35,200	C#*D#*E#*F#

TOTAL AMIDAMENT **214,280**

Obra 01 PRESSUPOST 2302_FRE_POLI_MOD
Capítol 02 TANCAMENTS

NUM.	CODI	UA	DESCRIPCIÓ
1	P442DG01	kg	Acer S275J0H segons UNE-EN 10210-1, per a bigues formades per peça composta, en perfils foradats laminats en calent sèrie rodó, quadrat i rectangular, treballat a taller i amb una capa d'imprimació antioxidant, col·locat a l'obra amb soldadura

AMIDAMENTS

Data: 15/03/23 Pàg.: 2

Num.	Text	Tipus	[C]	[D]	[E]	[F]	TOTAL	Fórmula
1		T	nº	L	kg/m			
2	Perfil tubular quadrat 120.120.6		3,000	44,500	20,500		2.736,750	C#*D#*E#*F#

TOTAL AMIDAMENT **2.736,750**

2 P89C-392O m2

Pintat de biga d'un sol perfil d'acer a l'esmalt sintètic, amb dues capes d'imprimació anticorrosiva i dues d'acabat i dues d'acabat

Num.	Text	Tipus	[C]	[D]	[E]	[F]	TOTAL	Fórmula
1	Biga		3,000	44,000		0,450	59,400	C#*D#*E#*F#

TOTAL AMIDAMENT **59,400**

3 P560-VER m2

Lluernes de plaques de policarbonat cel·lular de 20 mm de gruix i 4 parets, de 600 mm d'amplària i tractament per a l'absorció de la radiació ultraviolada a les dues cares, amb suports de perfil d'alumini i junts d'estanqueïtat, col·locat
Criteri d'amidament: m2 de superfície amidada segons les especificacions de la DT.

Num.	Text	Tipus	[C]	[D]	[E]	[F]	TOTAL	Fórmula
1		T	m2	nº uts				
2	Superfície per pòrtics		15,220	8,000			121,760	C#*D#*E#*F#

TOTAL AMIDAMENT **121,760**

4 P8K3-5TNH m

Escopidor de planxa preformada d'alumini anoditzat d'1,5 mm de gruix, de 145 mm de desenvolupament, amb 2 plecs, col·locat amb adhesiu i fixacions mecàniques

AMIDAMENT DIRECTE **44,500**

5 P6180-5QFK m2

Paret divisòria de dues cares vistes de 20 cm de gruix de bloc foradat de morter ciment, de 400x200x200 mm, llis, de color amb components hidrofugants, categoria I segons la norma UNE-EN 771-3, col·locat amb morter mixt 1:2:10 de ciment pòrtland amb filler calcari, traves, brancals i blocs massissats amb formigonament per a parets de blocs de morter de ciment, amb formigó HA-25/P / 20 / I de consistència plàstica, grandària màxima del granulat 20 mm, amb >= 250 kg/m3 de ciment, apte per a classe d'exposició I, col·locat manualment i acer en barres corrugades B500S de límit elàstic >= 500 N/mm2 per a l'armadura de parets de blocs de morter de ciment

Num.	Text	Tipus	[C]	[D]	[E]	[F]	TOTAL	Fórmula
1		T	L	h	trams			
2	Mur de bloc		5,000	2,500	1,000		12,500	C#*D#*E#*F#

TOTAL AMIDAMENT **12,500**

6 P8J2-C56C m

Coronament de paret amb peça de formigó prefabricat, de 20 a 30 cm d'amplària, de secció amb una pendent, de color especial Indeterminat, col·locada amb morter mixt 1:0,5:4

AMIDAMENT DIRECTE **5,200**

Obra 01 PRESSUPOST 2302_FRE_POLI_MOD
Capítol 03 CONTROL DE QUALITAT

NUM.	CODI	UA	DESCRIPCIÓ
1	CQ-SOL	u	Assaig de soldadures amb líquids penetrants

AMIDAMENT DIRECTE **0,000**

AMIDAMENTS

Obra 01 PRESSUPOST 2302_FRE_POLI_MOD
Capítol 04 GESTIÓ DE RESIDUS

NUM.	CODI	UA	DESCRIPCIÓ
1	P2R5-DT0K	m3	Transport de residus a instal·lació autoritzada de gestió de residus, amb camió de 7 t i temps d'espera per a la càrrega a màquina, amb un recorregut de més de 5 i fins a 10 km
			AMIDAMENT DIRECTE **2,000**
2	P2RA-EU34	m3	Disposició controlada en dipòsit autoritzat inclòs el cànon sobre la deposició controlada dels residus de la construcció, segons la LLEI 8/2008, de residus barrejats no perillosos amb una densitat 0,17 t/m3, procedents de construcció o demolició, amb codi 17 09 04 segons la Llista Europea de Residus Criteri d'amidament: m3 de volum de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent. kg de pes de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent. La unitat d'obra inclou totes les despeses per la disposició de cada tipus de residu al centre corresponent. Inclou el cànon d'abocament del residu a dipòsit controlat segons el que determina la Llei 8/2008, el pagament del qual queda suspès segons la Llei 7/2011. La empresa receptora del residu ha de facilitar al constructor la informació necessària per complimentar el certificat de disposició de residus, d'acord amb l'article 5.3 del REAL DECRETO 105/2008.
			AMIDAMENT DIRECTE **2,000**

Obra 01 PRESSUPOST 2302_FRE_POLI_MOD
Capítol 05 SEGURETAT I SALUT

NUM.	CODI	UA	DESCRIPCIÓ
1	PA-SS	pa	Partida alçada de seguretat i salut
			AMIDAMENT DIRECTE **1,000**

V. PRESSUPOST

QUADRE DE PREUS NÚMERO 1

NÚMERO	CODI	UA	DESCRIPCIÓ	PREU	
P-1	CQ-SOL	u	Assaig de soldadures amb líquids penetrants (CINC-CENTS CATORZE EUROS AMB TRENTA-SET CÈNTIMS)	514,37	€
P-2	P214B-HBIJ	m2	Desmuntatge de reixa i ancoratges, amb mitjans manuals, aplec de material per a la seva reutilització i càrrega de runa sobre camió o contenidor (SET EUROS AMB CINQUANTA-DOS CÈNTIMS)	7,52	€
P-3	P2R5-DT0K	m3	Transport de residus a instal·lació autoritzada de gestió de residus, amb camió de 7 t i temps d'espera per a la càrrega a màquina, amb un recorregut de més de 5 i fins a 10 km (NOU EUROS AMB TRENTA-CINC CÈNTIMS)	9,35	€
P-4	P2RA-EU34	m3	Disposició controlada en dipòsit autoritzat inclòs el cànon sobre la deposició controlada dels residus de la construcció, segons la LLEI 8/2008, de residus barrejats no perillosos amb una densitat 0,17 t/m3, procedents de construcció o demolició, amb codi 17 09 04 segons la Llista Europea de Residus Criteri d'amidament: m3 de volum de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent. kg de pes de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent. La unitat d'obra inclou totes les despeses per la disposició de cada tipus de residu al centre corresponent. Inclou el cànon d'abocament del residu a dipòsit controlat segons el que determina la Llei 8/2008, el pagament del qual queda suspès segons la Llei 7/2011. La empresa receptora del residu ha de facilitar al constructor la informació necessària per complimentar el certificat de disposició de residus, d'acord amb l'article 5.3 del REAL DECRETO 105/2008. (VINT-I-QUATRE EUROS AMB SEIXANTA-SIS CÈNTIMS)	24,66	€
P-5	P442DG01	kg	Acer S275J0H segons UNE-EN 10210-1, per a bigues formades per peça composta, en perfils foradats laminats en calent sèrie rodó, quadrat i rectangular, treballat a taller i amb una capa d'imprimació antioxidant, col·locat a l'obra amb soldadura (DOS EUROS AMB VUITANTA-VUIT CÈNTIMS)	2,88	€
P-6	P560-VER	m2	Lluernes de plaques de policarbonat cel·lular de 20 mm de gruix i 4 parets, de 600 mm d'amplària i tractament per a l'absorció de la radiació ultraviolada a les dues cares, amb suports de perfil d'alumini i junts d'estanqueïtat, col·locat Criteri d'amidament: m2 de superfície amidada segons les especificacions de la DT. (SEIXANTA-CINC EUROS AMB SETANTA-QUATRE CÈNTIMS)	65,74	€
P-7	P6180-5QFK	m2	Paret divisòria de dues cares vistes de 20 cm de gruix de bloc foradat de morter ciment, de 400x200x200 mm, llis, de color amb components hidrofugants, categoria I segons la norma UNE-EN 771-3, col·locat amb morter mixt 1:2:10 de ciment pòrtland amb filler calcari, traves, brancals i blocs massissats amb formigonament per a parets de blocs de morter de ciment, amb formigó HA-25/P / 20 / I de consistència plàstica, grandària màxima del granulat 20 mm, amb >= 250 kg/m3 de ciment, apte per a classe d'exposició I, col·locat manualment i acer en barres corrugades B500S de límit elàstic >= 500 N/mm2 per a l'armadura de parets de blocs de morter de ciment (CINQUANTA-VUIT EUROS AMB TRETZE CÈNTIMS)	58,13	€
P-8	P781-5ZNG	m2	Impermeabilització de paraments horitzontals amb polímer acrílic, amb una dotació de 2 kg/m2 (SETZE EUROS AMB CINQUANTA-NOU CÈNTIMS)	16,59	€
P-9	P7JC-5QDX	m	Segellat de junt entre materials d'obra de 20 mm d'amplària i 30 mm de fondària, amb junt expansiu en contacte amb l'aigua de bentonita de sodi i cautxú butil (DEU EUROS AMB TRENTA-VUIT CÈNTIMS)	10,38	€
P-10	P89C-392O	m2	Pintat de biga d'un sol perfil d'acer a l'esmalt sintètic, amb dues capes d'imprimació anticorrosiva i dues d'acabat i dues d'acabat (VINT-I-QUATRE EUROS AMB SETANTA-TRES CÈNTIMS)	24,73	€

QUADRE DE PREUS NÚMERO 1

NÚMERO	CODI	UA	DESCRIPCIÓ	PREU	
P-11	P8J2-C56C	m	Coronament de paret amb peça de formigó prefabricat, de 20 a 30 cm d'amplària, de secció amb una pendent, de color especial Indeterminat, col·locada amb morter mixt 1:0,5:4 (VINT-I-NOU EUROS AMB NORANTA-TRES CÈNTIMS)	29,93	€
P-12	P8K3-5TNH	m	Escopidor de planxa preformada d'alumini anoditzat d'1,5 mm de gruix, de 145 mm de desenvolupament, amb 2 plecs, col·locat amb adhesiu i fixacions mecàniques (DINOU EUROS AMB VINT-I-SET CÈNTIMS)	19,27	€
P-13	P9U1-HCHJ	m	Mitja canya de radi 6 cm, feta amb morter de ciment (DEU EUROS AMB QUARANTA-VUIT CÈNTIMS)	10,48	€

QUADRE DE PREUS NÚMERO 2

NÚMERO	CODI	UA	DESCRIPCIÓ	PREU	
P-1	CQ-SOL	u	Assaig de soldadures amb líquids penetrants	**514,37**	€
	BV254-02I7	u	Mitja jornada per a inspecció visual d'unions soldades segons UNE 14044 i UNE-EN 13018 i per a assaig mitjançant partícules magnètiques i/o líquids penetrants segons UNE-EN ISO 17638 i UNE-EN ISO 3452-1 i la seva acceptació segons UNE-EN ISO 23277 i UNE-EN ISO 23278	499,39000	€
			Altres conceptes	14,98000	€
P-2	P214B-HBIJ	m2	Desmuntatge de reixa i ancoratges, amb mitjans manuals, aplec de material per a la seva reutilització i càrrega de runa sobre camió o contenidor	**7,52**	€
			Altres conceptes	7,52000	€
P-3	P2R5-DT0K	m3	Transport de residus a instal·lació autoritzada de gestió de residus, amb camió de 7 t i temps d'espera per a la càrrega a màquina, amb un recorregut de més de 5 i fins a 10 km	**9,35**	€
			Altres conceptes	9,35000	€
P-4	P2RA-EU34	m3	Disposició controlada en dipòsit autoritzat inclòs el cànon sobre la deposició controlada dels residus de la construcció, segons la LLEI 8/2008, de residus barrejats no perillosos amb una densitat 0,17 t/m3, procedents de construcció o demolició, amb codi 17 09 04 segons la Llista Europea de Residus Criteri d'amidament: m3 de volum de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent. kg de pes de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent. La unitat d'obra inclou totes les despeses per la disposició de cada tipus de residu al centre corresponent. Inclou el cànon d'abocament del residu a dipòsit controlat segons el que determina la Llei 8/2008, el pagament del qual queda suspès segons la Llei 7/2011. La empresa receptora del residu ha de facilitar al constructor la informació necessària per complimentar el certificat de disposició de residus, d'acord amb l'article 5.3 del REAL DECRETO 105/2008.	**24,66**	€
	B2RA-28V1	t	Disposició controlada en dipòsit autoritzat inclòs el cànon sobre la deposició controlada dels residus de la construcció, segons la LLEI 8/2008, de residus barrejats no perillosos amb una densitat 0,17 t/m3, procedents de construcció o demolició, amb codi 17 09 04 segons la Llista Europea de Residus	23,94280	€
			Altres conceptes	0,71720	€
P-5	P442DG01	kg	Acer S275J0H segons UNE-EN 10210-1, per a bigues formades per peça composta, en perfils foradats laminats en calent sèrie rodó, quadrat i rectangular, treballat a taller i amb una capa d'imprimació antioxidant, col·locat a l'obra amb soldadura	**2,88**	€
	B44Z-0LVS	kg	Acer S275J0H segons UNE-EN 10210-1, format per peça composta, en perfils foradats laminats en calent sèrie rodó, quadrat i rectangular, treballat al taller per a col·locar amb soldadura i amb una capa d'imprimació antioxidant Criteri d'amidament: kg de pes necessari subministrat a l'obra, calculat segons les especificacions de la DT, d'acord amb els criteris següents: El pes unitari per al seu càlcul ha de ser el teòric Per a poder utilitzar un altre valor diferent del teòric, cal l'acceptació expressa de la DF Aquests criteris inclouen les pèrdues de material corresponents a retalls.	2,08000	€
			Altres conceptes	0,80000	€
P-6	P560-VER	m2	Lluernes de plaques de policarbonat cel·lular de 20 mm de gruix i 4 parets, de 600 mm d'amplària i tractament per a l'absorció de la radiació ultraviolada a les dues cares, amb suports de perfil d'alumini i junts d'estanqueïtat, col·locat Criteri d'amidament: m2 de superfície amidada segons les especificacions de la DT.	**65,74**	€
	B561-2GSY	m2	Perfileria i elements auxiliars per a tancament vertical de plaques de policarbonat de 8 a 12 mm de gruix	20,57000	€
	B0C60-1GAY	m2	Placa de policarbonat cel·lular de 20 mm de gruix i 6 parets, de 600 mm d'amplària i tractament per a l'absorció de la radiació ultraviolada a les dues cares	37,41000	€
			Altres conceptes	7,76000	€
P-7	P6180-5QFK	m2	Paret divisòria de dues cares vistes de 20 cm de gruix de bloc foradat de morter ciment, de 400x200x200 mm, llis, de color amb components hidrofugants, categoria I segons la norma UNE-EN 771-3, col·locat amb morter mixt 1:2:10 de ciment pòrtland amb filler calcari, traves,	**58,13**	€

QUADRE DE PREUS NÚMERO 2

NÚMERO	CODI	UA	DESCRIPCIÓ	PREU	
			brancals i blocs massissats amb formigonament per a parets de blocs de morter de ciment, amb formigó HA-25/P / 20 / I de consistència plàstica, grandària màxima del granulat 20 mm, amb >= 250 kg/m3 de ciment, apte per a classe d'exposició I, col·locat manualment i acer en barres corrugades B500S de límit elàstic >= 500 N/mm2 per a l'armadura de parets de blocs de morter de ciment		
			Altres conceptes	58,13000	€
P-8	P781-5ZNG	m2	Impermeabilització de paraments horitzontals amb polímer acrílic, amb una dotació de 2 kg/m2	**16,59**	**€**
	B8ZI-0P21	kg	Polímer acrílic	10,31100	€
			Altres conceptes	6,27900	€
P-9	P7JC-5QDX	m	Segellat de junt entre materials d'obra de 20 mm d'amplària i 30 mm de fondària, amb junt expansiu en contacte amb l'aigua de bentonita de sodi i cautxú butil	**10,38**	**€**
	B7J5-16VU	m	Junt expansiu en contacte amb l'aigua, de bentonita de sodi i cautxú butil, de secció 2x2,5 cm	7,42350	€
			Altres conceptes	2,95650	€
P-10	P89C-392O	m2	Pintat de biga d'un sol perfil d'acer a l'esmalt sintètic, amb dues capes d'imprimació anticorrosiva i dues d'acabat i dues d'acabat	**24,73**	**€**
	B8Z6-0P2N	kg	Imprimació anticorrosiva	3,38640	€
	B891-0P02	kg	Esmalt sintètic	0,35445	€
			Altres conceptes	20,98915	€
P-11	P8J2-C56C	m	Coronament de paret amb peça de formigó prefabricat, de 20 a 30 cm d'amplària, de secció amb una pendent, de color especial Indeterminat, col·locada amb morter mixt 1:0,5:4	**29,93**	**€**
	B8J2-32LS	m	Peça de formigó prefabricat per a coronament de parets, de 20 a 30 cm d'amplària, de secció amb una pendent, de color especial Indeterminat	16,57500	€
			Altres conceptes	13,35500	€
P-12	P8K3-5TNH	m	Escopidor de planxa preformada d'alumini anoditzat d'1,5 mm de gruix, de 145 mm de desenvolupament, amb 2 plecs, col·locat amb adhesiu i fixacions mecàniques	**19,27**	**€**
	B0AQ-07EX	cu	Visos, d'acer galvanitzats	0,13306	€
	B7JE-0GTI	dm3	Massilla per a segellats, d'aplicació amb pistola, de base poliuretà monocomponent	1,45075	€
	B8K2-138N	m	Escopidor de planxa preformada d'alumini anoditzat d'1,5 mm de gruix, de 145 mm de desenvolupament, amb 2 plecs	10,57000	€
			Altres conceptes	7,11619	€
P-13	P9U1-HCHJ	m	Mitja canya de radi 6 cm, feta amb morter de ciment	**10,48**	**€**
			Altres conceptes	10,48000	€

QUADRE DE PREUS NÚMERO 2

NÚMERO	CODI	UA	DESCRIPCIÓ	PREU

JUSTIFICACIÓ DE PREUS

MA D'OBRA

CODI	UA	DESCRIPCIÓ	PREU	
A01-FEP0	h	Ajudant ferrallista	24,65000	€
A01-FEP3	h	Ajudant col·locador	23,37000	€
A01-FEP9	h	Ajudant pintor	23,37000	€
A01-FEPB	h	Ajudant manyà	17,95000	€
A01-FEPH	h	Ajudant muntador	23,37000	€
A0D-0007	h	Manobre	23,17000	€
A0E-000A	h	Manobre especialista	23,96000	€
A0F-000B	h	Oficial 1a	26,19000	€
A0F-000D	h	Oficial 1a col·locador	26,19000	€
A0F-000I	h	Oficial 1a ferrallista	27,76000	€
A0F-000R	h	Oficial 1a muntador	27,07000	€
A0F-000T	h	Oficial 1a paleta	27,76000	€
A0F-000V	h	Oficial 1a pintor	26,19000	€

JUSTIFICACIÓ DE PREUS

MAQUINÀRIA

CODI	UA	DESCRIPCIÓ	PREU	
C154-003N	h	Camió per a transport de 7 t	44,96000	€
C176-00FX	h	Formigonera de 165 l	1,90000	€
C202-005P	h	Talladora amb disc de carborúndum	4,15000	€
C206-00DW	h	Equip i elements auxiliars per a soldadura elèctrica	3,50000	€

JUSTIFICACIÓ DE PREUS

MATERIALS

CODI	UA	DESCRIPCIÓ	PREU	
B011-05ME	m3	Aigua	1,56000	€
B03L-05N7	t	Sorra de pedrera per a morters	19,77000	€
B054-06DH	kg	Calç aèria hidratada CL 90-S, en sacs	0,29000	€
B055-067M	t	Ciment pòrtland amb filler calcari CEM II/B-L 32,5 R segons UNE-EN 197-1, en sacs	124,98000	€
B06E-12C7	m3	Formigó HA-25/P / 20 / I de consistència plàstica, grandària màxima del granulat 20 mm, amb >= 250 kg/m3 de ciment, apte per a classe d'exposició I	82,75000	€
B0AM-078F	kg	Filferro recuit de diàmetre 1,3 mm	2,02000	€
B0AQ-07EX	cu	Visos, d'acer galvanitzats	3,36000	€
B0B7-106Q	kg	Acer en barres corrugades B500S de límit elàstic >= 500 N/mm2	1,08000	€
B0C60-1GAY	m2	Placa de policarbonat cel·lular de 20 mm de gruix i 6 parets, de 600 mm d'amplària i tractament per a l'absorció de la radiació ultraviolada a les dues cares	37,41000	€
B0E2-0EIM	u	Bloc foradat de morter de ciment, llis, de 400x200x200 mm, amb components hidrofugants, de cara vista, de color, categoria I segons norma UNE-EN 771-3	1,41000	€
B2RA-28V1	t	Disposició controlada en dipòsit autoritzat inclòs el cànon sobre la deposició controlada dels residus de la construcció, segons la LLEI 8/2008, de residus barrejats no perillosos amb una densitat 0,17 t/m3, procedents de construcció o demolició, amb codi 17 09 04 segons la Llista Europea de Residus	140,84000	€
B44Z-0LVS	kg	Acer S275J0H segons UNE-EN 10210-1, format per peça composta, en perfils foradats laminats en calent sèrie rodó, quadrat i rectangular, treballat al taller per a col·locar amb soldadura i amb una capa d'imprimació antioxidant Criteri d'amidament: kg de pes necessari subministrat a l'obra, calculat segons les especificacions de la DT, d'acord amb els criteris següents: El pes unitari per al seu càlcul ha de ser el teòric Per a poder utilitzar un altre valor diferent del teòric, cal l'acceptació expressa de la DF Aquests criteris inclouen les pèrdues de material corresponents a retalls.	2,08000	€
B561-2GSY	m2	Perfileria i elements auxiliars per a tancament vertical de plaques de policarbonat de 8 a 12 mm de gruix	20,57000	€
B7J5-16VU	m	Junt expansiu en contacte amb l'aigua, de bentonita de sodi i cautxú butil, de secció 2x2,5 cm	7,07000	€
B7JE-0GTI	dm3	Massilla per a segellats, d'aplicació amb pistola, de base poliuretà monocomponent	11,96000	€
B891-0P02	kg	Esmalt sintètic	13,90000	€
B8J2-32LS	m	Peça de formigó prefabricat per a coronament de parets, de 20 a 30 cm d'amplària, de secció amb una pendent, de color especial Indeterminat	16,25000	€
B8K2-138N	m	Escopidor de planxa preformada d'alumini anoditzat d'1,5 mm de gruix, de 145 mm de desenvolupament, amb 2 plecs	10,57000	€
B8Z6-0P2N	kg	Imprimació anticorrosiva	16,60000	€
B8ZI-0P21	kg	Polímer acrílic	4,91000	€
BV254-02I7	u	Mitja jornada per a inspecció visual d'unions soldades segons UNE 14044 i UNE-EN 13018 i per a assaig mitjançant partícules magnètiques i/o líquids penetrants segons UNE-EN ISO 17638 i UNE-EN ISO 3452-1 i la seva acceptació segons UNE-EN ISO 23277 i UNE-EN ISO 23278	499,39000	€

JUSTIFICACIÓ DE PREUS

ELEMENTS COMPOSTOS

CODI	UA	DESCRIPCIÓ					PREU
B07F-0LSZ	m3	Morter mixt de ciment pòrtland amb filler calcari CEM II/B-L, calç i sorra, amb 380 kg/m3 de ciment, amb una proporció en volum 1:0,5:4 i 10 N/mm2 de resistència a compressió, elaborat a l'obra	**Rend.:**	**1,000**		**156,97000**	**€**

			Unitats		Preu		Parcial	Import
Ma d'obra								
A0E-000A	h	Manobre especialista	1,050	/R x	23,96000	=	25,15800	
				Subtotal:			25,15800	25,15800
Maquinària								
C176-00FX	h	Formigonera de 165 l	0,725	/R x	1,90000	=	1,37750	
				Subtotal:			1,37750	1,37750
Materials								
B03L-05N7	t	Sorra de pedrera per a morters	1,380	x	19,77000	=	27,28260	
B055-067M	t	Ciment pòrtland amb filler calcari CEM II/B-L 32,5 R segons UNE-EN 197-1, en sacs	0,380	x	124,98000	=	47,49240	
B011-05ME	m3	Aigua	0,200	x	1,56000	=	0,31200	
B054-06DH	kg	Calç aèria hidratada CL 90-S, en sacs	190,000	x	0,29000	=	55,10000	
				Subtotal:			130,18700	130,18700
			DESPESES AUXILIARS		1,00	%		0,25158
			COST DIRECTE					156,97408
			COST EXECUCIÓ MATERIAL					**156,97408**

B07F-0LT4	m3	Morter de ciment pòrtland amb filler calcari CEM II/B-L i sorra, amb 250 kg/m3 de ciment, amb una proporció en volum 1:6 i 5 N/mm2 de resistència a compressió, elaborat a l'obra	**Rend.:**	**1,000**		**89,31000**	**€**

			Unitats		Preu		Parcial	Import
Ma d'obra								
A0E-000A	h	Manobre especialista	1,000	/R x	23,96000	=	23,96000	
				Subtotal:			23,96000	23,96000
Maquinària								
C176-00FX	h	Formigonera de 165 l	0,700	/R x	1,90000	=	1,33000	
				Subtotal:			1,33000	1,33000
Materials								
B03L-05N7	t	Sorra de pedrera per a morters	1,630	x	19,77000	=	32,22510	
B055-067M	t	Ciment pòrtland amb filler calcari CEM II/B-L 32,5 R segons UNE-EN 197-1, en sacs	0,250	x	124,98000	=	31,24500	
B011-05ME	m3	Aigua	0,200	x	1,56000	=	0,31200	
				Subtotal:			63,78210	63,78210

JUSTIFICACIÓ DE PREUS

ELEMENTS COMPOSTOS

CODI	UA	DESCRIPCIÓ			PREU
		DESPESES AUXILIARS	1,00	%	0,23960
		COST DIRECTE			89,31170
		COST EXECUCIÓ MATERIAL			**89,31170**

B07F-0LT6 m3 Morter mixt de ciment pòrtland amb filler calcari CEM II/B-L, calç i sorra, amb 200 kg/m3 de ciment, amb una proporció en volum 1:2:10 i 2,5 N/mm2 de resistència a compressió, elaborat a l'obra **Rend.: 1,000** **198,34000** €

			Unitats		Preu		Parcial	Import
Ma d'obra								
A0E-000A	h	Manobre especialista	1,050	/R x	23,96000	=	25,15800	
				Subtotal:			25,15800	25,15800
Maquinària								
C176-00FX	h	Formigonera de 165 l	0,725	/R x	1,90000	=	1,37750	
				Subtotal:			1,37750	1,37750
Materials								
B011-05ME	m3	Aigua	0,200	x	1,56000	=	0,31200	
B03L-05N7	t	Sorra de pedrera per a morters	1,530	x	19,77000	=	30,24810	
B054-06DH	kg	Calç aèria hidratada CL 90-S, en sacs	400,000	x	0,29000	=	116,00000	
B055-067M	t	Ciment pòrtland amb filler calcari CEM II/B-L 32,5 R segons UNE-EN 197-1, en sacs	0,200	x	124,98000	=	24,99600	
				Subtotal:			171,55610	171,55610
		DESPESES AUXILIARS			1,00	%		0,25158
		COST DIRECTE						198,34318
		COST EXECUCIÓ MATERIAL						**198,34318**

B0B6-107E kg Acer en barres corrugades elaborat a l'obra i manipulat a taller B500S, de límit elàstic >= 500 N/mm2 **Rend.: 1,000** **1,42000** €

			Unitats		Preu		Parcial	Import
Ma d'obra								
A01-FEP0	h	Ajudant ferrallista	0,005	/R x	24,65000	=	0,12325	
A0F-000I	h	Oficial 1a ferrallista	0,005	/R x	27,76000	=	0,13880	
				Subtotal:			0,26205	0,26205
Materials								
B0B7-106Q	kg	Acer en barres corrugades B500S de límit elàstic >= 500 N/mm2	1,050	x	1,08000	=	1,13400	
B0AM-078F	kg	Filferro recuit de diàmetre 1,3 mm	0,0102	x	2,02000	=	0,02060	
				Subtotal:			1,15460	1,15460

JUSTIFICACIÓ DE PREUS

ELEMENTS COMPOSTOS

CODI	UA	DESCRIPCIÓ				PREU
			DESPESES AUXILIARS	1,00	%	0,00262
			COST DIRECTE			1,41927
			COST EXECUCIÓ MATERIAL			**1,41927**

JUSTIFICACIÓ DE PREUS

PARTIDES D'OBRA

NÚM	CODI	UA	DESCRIPCIÓ					PREU
P-1	**CQ-SOL**	u	Assaig de soldadures amb líquids penetrants	**Rend.:**	**1,000**		**514,37**	**€**

			Unitats		Preu		Parcial	Import
Materials								
BV254-02I7	u	Mitja jornada per a inspecció visual d'unions soldades segons UNE 14044 i UNE-EN 13018 i per a assaig mitjançant partícules magnètiques i/o líquids penetrants segons UNE-EN ISO 17638 i UNE-EN ISO 3452-1 i la seva acceptació segons UNE-EN ISO 23277 i UNE-EN ISO 23278	1,000	x	499,39000	=	499,39000	
				Subtotal:			499,39000	499,39000
			COST DIRECTE					499,39000
			DESPESES INDIRECTES		3,00	%		14,98170
			COST EXECUCIÓ MATERIAL					**514,37170**

P-2	**P214B-HBIJ**	m2	Desmuntatge de reixa i ancoratges, amb mitjans manuals, aplec de material per a la seva reutilització i càrrega de runa sobre camió o contenidor	**Rend.:**	**1,000**		**7,52**	**€**

			Unitats		Preu		Parcial	Import
Ma d'obra								
A0D-0007	h	Manobre	0,250	/R x	23,17000	=	5,79250	
A0E-000A	h	Manobre especialista	0,050	/R x	23,96000	=	1,19800	
				Subtotal:			6,99050	6,99050
Maquinària								
C202-005P	h	Talladora amb disc de carborúndum	0,050	/R x	4,15000	=	0,20750	
				Subtotal:			0,20750	0,20750
			DESPESES AUXILIARS		1,50	%		0,10486
			COST DIRECTE					7,30286
			DESPESES INDIRECTES		3,00	%		0,21909
			COST EXECUCIÓ MATERIAL					**7,52194**

P-3	**P2R5-DT0K**	m3	Transport de residus a instal·lació autoritzada de gestió de residus, amb camió de 7 t i temps d'espera per a la càrrega a màquina, amb un recorregut de més de 5 i fins a 10 km	**Rend.:**	**1,000**		**9,35**	**€**

			Unitats		Preu		Parcial	Import
Maquinària								
C154-003N	h	Camió per a transport de 7 t	0,202	/R x	44,96000	=	9,08192	
				Subtotal:			9,08192	9,08192

JUSTIFICACIÓ DE PREUS

PARTIDES D'OBRA

NÚM	CODI	UA	DESCRIPCIÓ	PREU

COST DIRECTE			9,08192
DESPESES INDIRECTES	3,00	%	0,27246
COST EXECUCIÓ MATERIAL			**9,35438**

P-4 **P2RA-EU34** m3 Disposició controlada en dipòsit autoritzat inclòs el cànon sobre la deposició controlada dels residus de la construcció, segons la LLEI 8/2008, de residus barrejats no perillosos amb una densitat 0,17 t/m3, procedents de construcció o demolició, amb codi 17 09 04 segons la Llista Europea de Residus
Criteri d'amidament: m3 de volum de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent.
kg de pes de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent.
La unitat d'obra inclou totes les despeses per la disposició de cada tipus de residu al centre corresponent.
Inclou el cànon d'abocament del residu a dipòsit controlat segons el que determina la Llei 8/2008, el pagament del qual queda suspès segons la Llei 7/2011.
La empresa receptora del residu ha de facilitar al constructor la informació necessària per complimentar el certificat de disposició de residus, d'acord amb l'article 5.3 del REAL DECRETO 105/2008.

Rend.: 1,000 **24,66** **€**

			Unitats		Preu		Parcial	Import
Materials								
B2RA-28V1	t	Disposició controlada en dipòsit autoritzat inclòs el cànon sobre la deposició controlada dels residus de la construcció, segons la LLEI 8/2008, de residus barrejats no perillosos amb una densitat 0,17 t/m3, procedents de construcció o demolició, amb codi 17 09 04 segons la Llista Europea de Residus	0,170	x	140,84000	=	23,94280	
				Subtotal:			23,94280	23,94280

COST DIRECTE			23,94280
DESPESES INDIRECTES	3,00	%	0,71828
COST EXECUCIÓ MATERIAL			**24,66108**

P-5 **P442DG01** kg Acer S275J0H segons UNE-EN 10210-1, per a bigues formades per peça composta, en perfils foradats laminats en calent sèrie rodó, quadrat i rectangular, treballat a taller i amb una capa d'imprimació antioxidant, col·locat a l'obra amb soldadura

Rend.: 1,000 **2,88** **€**

			Unitats		Preu		Parcial	Import
Ma d'obra								
A0F-000B	h	Oficial 1a	0,018	/R x	26,19000	=	0,47142	
A01-FEPB	h	Ajudant manyà	0,010	/R x	17,95000	=	0,17950	
				Subtotal:			0,65092	0,65092

JUSTIFICACIÓ DE PREUS

PARTIDES D'OBRA

NÚM	CODI	UA	DESCRIPCIÓ						PREU
Maquinària									
	C206-00DW	h	Equip i elements auxiliars per a soldadura elèctrica	0,018	/R x	3,50000	=	0,06300	
					Subtotal:			0,06300	0,06300
Materials									
	B44Z-0LVS	kg	Acer S275J0H segons UNE-EN 10210-1, format per peça composta, en perfils foradats laminats en calent sèrie rodó, quadrat i rectangular, treballat al taller per a col·locar amb soldadura i amb una capa d'imprimació antioxidant Criteri d'amidament: kg de pes necessari subministrat a l'obra, calculat segons les especificacions de la DT, d'acord amb els criteris següents: El pes unitari per al seu càlcul ha de ser el teòric Per a poder utilitzar un altre valor diferent del teòric, cal l'acceptació expressa de la DF Aquests criteris inclouen les pèrdues de material corresponents a retalls.	1,000	x	2,08000	=	2,08000	
					Subtotal:			2,08000	2,08000
				COST DIRECTE					2,79392
				DESPESES INDIRECTES		3,00	%		0,08382
				COST EXECUCIÓ MATERIAL					**2,87774**

P-6 **P560-VER** m2 Lluernes de plaques de policarbonat cel·lular de 20 mm de gruix i 4 parets, de 600 mm d'amplària i tractament per a l'absorció de la radiació ultraviolada a les dues cares, amb suports de perfil d'alumini i junts d'estanqueïtat, col·locat
Criteri d'amidament: m2 de superfície amidada segons les especificacions de la DT.

Rend.: 1,000 **65,74** **€**

				Unitats		Preu		Parcial	Import
Ma d'obra									
	A0F-000D	h	Oficial 1a col·locador	0,115	/R x	26,19000	=	3,01185	
	A01-FEP3	h	Ajudant col·locador	0,115	/R x	23,37000	=	2,68755	
					Subtotal:			5,69940	5,69940
Materials									
	B0C60-1GA	m2	Placa de policarbonat cel·lular de 20 mm de gruix i 6 parets, de 600 mm d'amplària i tractament per a l'absorció de la radiació ultraviolada a les dues cares	1,000	x	37,41000	=	37,41000	
	B561-2GSY	m2	Perfileria i elements auxiliars per a tancament vertical de plaques de policarbonat de 8 a 12 mm de gruix	1,000	x	20,57000	=	20,57000	
					Subtotal:			57,98000	57,98000
				DESPESES AUXILIARS		2,50	%		0,14249
				COST DIRECTE					63,82189
				DESPESES INDIRECTES		3,00	%		1,91466
				COST EXECUCIÓ MATERIAL					**65,73654**

JUSTIFICACIÓ DE PREUS

PARTIDES D'OBRA

NÚM	CODI	UA	DESCRIPCIÓ			PREU
P-7	**P6180-5QFK**	m2	Paret divisòria de dues cares vistes de 20 cm de gruix de bloc foradat de morter ciment, de 400x200x200 mm, llis, de color amb components hidrofugants, categoria I segons la norma UNE-EN 771-3, col·locat amb morter mixt 1:2:10 de ciment pòrtland amb filler calcari, traves, brancals i blocs massissats amb formigonament per a parets de blocs de morter de ciment, amb formigó HA-25/P / 20 / I de consistència plàstica, grandària màxima del granulat 20 mm, amb >= 250 kg/m3 de ciment, apte per a classe d'exposició I, col·locat manualment i acer en barres corrugades B500S de límit elàstic >= 500 N/mm2 per a l'armadura de parets de blocs de morter de ciment	**Rend.: 1,000**	**58,13**	**€**

			Unitats		Preu		Parcial	Import
Partides d'obra								
P6182-44M	m2	Paret divisòria de dues cares vistes de 20 cm de gruix de bloc foradat de morter ciment, de 400x200x200 mm, llis, de color amb components hidrofugants, categoria I segons la norma UNE-EN 771-3, col·locat amb morter mixt 1:2:10 de ciment pòrtland amb filler calcari	1,000	x	40,23279	=	40,23279	
P61Z3-45PI	m3	Formigonament per a parets de blocs de morter de ciment, amb formigó HA-25/P / 20 / I de consistència plàstica, grandària màxima del granulat 20 mm, amb >= 250 kg/m3 de ciment, apte per a classe d'exposició I, col·locat manualment	0,0959	x	135,78614	=	13,02189	
P61Z0-DAB	kg	Acer en barres corrugades B500S de límit elàstic >= 500 N/mm2 per a l'armadura de parets de blocs de morter de ciment	1,860	x	1,71113	=	3,18270	
				Subtotal:			56,43738	56,43738
			COST DIRECTE					56,43738
			DESPESES INDIRECTES		3,00	%		1,69312
			COST EXECUCIÓ MATERIAL					**58,13050**

P6182-44MC	m2	Paret divisòria de dues cares vistes de 20 cm de gruix de bloc foradat de morter ciment, de 400x200x200 mm, llis, de color amb components hidrofugants, categoria I segons la norma UNE-EN 771-3, col·locat amb morter mixt 1:2:10 de ciment pòrtland amb filler calcari	**Rend.: 1,000**	**41,44**	**€**

			Unitats		Preu		Parcial	Import
Ma d'obra								
A0F-000T	h	Oficial 1a paleta	0,500	/R x	27,76000	=	13,88000	
A0D-0007	h	Manobre	0,250	/R x	23,17000	=	5,79250	
				Subtotal:			19,67250	19,67250
Materials								
B0E2-0EIM	u	Bloc foradat de morter de ciment, llis, de 400x200x200 mm, amb components hidrofugants, de cara vista, de color, categoria I segons norma UNE-EN 771-3	12,137	x	1,41000	=	17,11317	
B07F-0LT6	m3	Morter mixt de ciment pòrtland amb filler calcari CEM II/B-L, calç i sorra, amb 200 kg/m3 de ciment, amb una proporció en volum 1:2:10 i 2,5 N/mm2 de	0,0149	x	198,34318	=	2,95531	

JUSTIFICACIÓ DE PREUS

PARTIDES D'OBRA

NÚM	CODI	UA	DESCRIPCIÓ				PREU
			resistència a compressió, elaborat a l'obra				
			Subtotal:		20,06848		20,06848
			DESPESES AUXILIARS	2,50 %			0,49181
			COST DIRECTE				40,23279
			DESPESES INDIRECTES	3,00 %			1,20698
			COST EXECUCIÓ MATERIAL				**41,43978**

P61Z0-DABB	kg	Acer en barres corrugades B500S de límit elàstic >= 500 N/mm2 per a l'armadura de parets de blocs de morter de ciment	**Rend.:**	**1,000**	**1,76**	**€**

			Unitats		Preu		Parcial	Import
Ma d'obra								
A0F-000T	h	Oficial 1a paleta	0,010	/R x	27,76000	=	0,27760	
		Subtotal:					0,27760	0,27760
Materials								
B0AM-078F	kg	Filferro recuit de diàmetre 1,3 mm	0,005	x	2,02000	=	0,01010	
B0B6-107E	kg	Acer en barres corrugades elaborat a l'obra i manipulat a taller B500S, de límit elàstic >= 500 N/mm2	1,000	x	1,41927	=	1,41927	
		Subtotal:					1,42937	1,42937
		DESPESES AUXILIARS		1,50 %				0,00416
		COST DIRECTE						1,71113
		DESPESES INDIRECTES		3,00 %				0,05133
		COST EXECUCIÓ MATERIAL						**1,76247**

P61Z3-45PI	m3	Formigonament per a parets de blocs de morter de ciment, amb formigó HA-25/P / 20 / I de consistència plàstica, grandària màxima del granulat 20 mm, amb >= 250 kg/m3 de ciment, apte per a classe d'exposició I, col·locat manualment	**Rend.:**	**1,000**	**139,86**	**€**

			Unitats		Preu		Parcial	Import
Ma d'obra								
A0D-0007	h	Manobre	1,600	/R x	23,17000	=	37,07200	
A0F-000T	h	Oficial 1a paleta	0,400	/R x	27,76000	=	11,10400	
		Subtotal:					48,17600	48,17600
Materials								
B06E-12C7	m3	Formigó HA-25/P / 20 / I de consistència plàstica, grandària màxima del granulat 20 mm, amb >= 250 kg/m3 de ciment, apte per a classe d'exposició I	1,050	x	82,75000	=	86,88750	
		Subtotal:					86,88750	86,88750

JUSTIFICACIÓ DE PREUS

PARTIDES D'OBRA

NÚM	CODI	UA	DESCRIPCIÓ	PREU

DESPESES AUXILIARS	1,50	%	0,72264
COST DIRECTE			135,78614
DESPESES INDIRECTES	3,00	%	4,07358
COST EXECUCIÓ MATERIAL			**139,85972**

P-8 **P781-5ZNG** m2 Impermeabilització de paraments horitzontals amb polímer acrílic, amb una dotació de 2 kg/m2 **Rend.: 1,000** **16,59** **€**

			Unitats		Preu		Parcial	Import
Ma d'obra								
A01-FEP9	h	Ajudant pintor	0,020	/R x	23,37000	=	0,46740	
A0F-000V	h	Oficial 1a pintor	0,200	/R x	26,19000	=	5,23800	
				Subtotal:			5,70540	5,70540
Materials								
B8ZI-0P21	kg	Polímer acrílic	2,100	x	4,91000	=	10,31100	
				Subtotal:			10,31100	10,31100

DESPESES AUXILIARS	1,50	%	0,08558
COST DIRECTE			16,10198
DESPESES INDIRECTES	3,00	%	0,48306
COST EXECUCIÓ MATERIAL			**16,58504**

P-9 **P7JC-5QDX** m Segellat de junt entre materials d'obra de 20 mm d'amplària i 30 mm de fondària, amb junt expansiu en contacte amb l'aigua de bentonita de sodi i cautxú butil **Rend.: 1,000** **10,38** **€**

			Unitats		Preu		Parcial	Import
Ma d'obra								
A0F-000D	h	Oficial 1a col·locador	0,100	/R x	26,19000	=	2,61900	
				Subtotal:			2,61900	2,61900
Materials								
B7J5-16VU	m	Junt expansiu en contacte amb l'aigua, de bentonita de sodi i cautxú butil, de secció 2x2,5 cm	1,050	x	7,07000	=	7,42350	
				Subtotal:			7,42350	7,42350

DESPESES AUXILIARS	1,50	%	0,03929
COST DIRECTE			10,08179
DESPESES INDIRECTES	3,00	%	0,30245
COST EXECUCIÓ MATERIAL			**10,38424**

P-10 **P89C-392O** m2 Pintat de biga d'un sol perfil d'acer a l'esmalt sintètic, amb dues capes d'imprimació anticorrosiva i dues d'acabat i dues d'acabat **Rend.: 1,000** **24,73** **€**

			Unitats		Preu		Parcial	Import
Ma d'obra								

JUSTIFICACIÓ DE PREUS

PARTIDES D'OBRA

NÚM	CODI	UA	DESCRIPCIÓ						PREU
	A0F-000V	h	Oficial 1a pintor	0,700	/R x	26,19000	=	18,33300	
	A01-FEP9	h	Ajudant pintor	0,070	/R x	23,37000	=	1,63590	
					Subtotal:			19,96890	19,96890
Materials									
	B8Z6-0P2N	kg	Imprimació anticorrosiva	0,204	x	16,60000	=	3,38640	
	B891-0P02	kg	Esmalt sintètic	0,0255	x	13,90000	=	0,35445	
					Subtotal:			3,74085	3,74085
			DESPESES AUXILIARS			1,50	%		0,29953
			COST DIRECTE						24,00928
			DESPESES INDIRECTES			3,00	%		0,72028
			COST EXECUCIÓ MATERIAL						**24,72956**

P-11 **P8J2-C56C** m Coronament de paret amb peça de formigó prefabricat, de 20 a 30 cm d'amplària, de secció amb una pendent, de color especial Indeterminat, col·locada amb morter mixt 1:0,5:4 **Rend.: 1,000** **29,93** €

				Unitats		Preu		Parcial	Import
Ma d'obra									
	A0F-000T	h	Oficial 1a paleta	0,300	/R x	27,76000	=	8,32800	
	A0D-0007	h	Manobre	0,150	/R x	23,17000	=	3,47550	
					Subtotal:			11,80350	11,80350
Materials									
	B8J2-32LS	m	Peça de formigó prefabricat per a coronament de parets, de 20 a 30 cm d'amplària, de secció amb una pendent, de color especial Indeterminat	1,020	x	16,25000	=	16,57500	
	B07F-0LSZ	m3	Morter mixt de ciment pòrtland amb filler calcari CEM II/B-L, calç i sorra, amb 380 kg/m3 de ciment, amb una proporció en volum 1:0,5:4 i 10 N/mm2 de resistència a compressió, elaborat a l'obra	0,0032	x	156,97408	=	0,50232	
					Subtotal:			17,07732	17,07732
			DESPESES AUXILIARS			1,50	%		0,17705
			COST DIRECTE						29,05787
			DESPESES INDIRECTES			3,00	%		0,87174
			COST EXECUCIÓ MATERIAL						**29,92961**

P-12 **P8K3-5TNH** m Escopidor de planxa preformada d'alumini anoditzat d'1,5 mm de gruix, de 145 mm de desenvolupament, amb 2 plecs, col·locat amb adhesiu i fixacions mecàniques **Rend.: 1,000** **19,27** €

				Unitats		Preu		Parcial	Import
Ma d'obra									
	A0F-000R	h	Oficial 1a muntador	0,167	/R x	27,07000	=	4,52069	
	A01-FEPH	h	Ajudant muntador	0,083	/R x	23,37000	=	1,93971	
					Subtotal:			6,46040	6,46040

JUSTIFICACIÓ DE PREUS

PARTIDES D'OBRA

NÚM	CODI	UA	DESCRIPCIÓ						PREU
Materials									
	B0AQ-07EX	cu	Visos, d'acer galvanitzats	0,0396	x	3,36000	=	0,13306	
	B7JE-0GTI	dm3	Massilla per a segellats, d'aplicació amb pistola, de base poliuretà monocomponent	0,1213	x	11,96000	=	1,45075	
	B8K2-138N	m	Escopidor de planxa preformada d'alumini anoditzat d'1,5 mm de gruix, de 145 mm de desenvolupament, amb 2 plecs	1,000	x	10,57000	=	10,57000	
					Subtotal:			12,15381	12,15381
			DESPESES AUXILIARS			1,50	%		0,09691
			COST DIRECTE						18,71112
			DESPESES INDIRECTES			3,00	%		0,56133
			COST EXECUCIÓ MATERIAL						**19,27245**

P-13 **P9U1-HCHJ** m Mitja canya de radi 6 cm, feta amb morter de ciment **Rend.: 1,000** **10,48** €

				Unitats		Preu		Parcial	Import
Ma d'obra									
	A0D-0007	h	Manobre	0,125	/R x	23,17000	=	2,89625	
	A0F-000T	h	Oficial 1a paleta	0,250	/R x	27,76000	=	6,94000	
					Subtotal:			9,83625	9,83625
Materials									
	B07F-0LT4	m3	Morter de ciment pòrtland amb filler calcari CEM II/B-L i sorra, amb 250 kg/m3 de ciment, amb una proporció en volum 1:6 i 5 N/mm2 de resistència a compressió, elaborat a l'obra	0,0021	x	89,31170	=	0,18755	
					Subtotal:			0,18755	0,18755
			DESPESES AUXILIARS			1,50	%		0,14754
			COST DIRECTE						10,17134
			DESPESES INDIRECTES			3,00	%		0,30514
			COST EXECUCIÓ MATERIAL						**10,47648**

JUSTIFICACIÓ DE PREUS

PARTIDES ALÇADES

NÚM	CODI	UA	DESCRIPCIÓ			PREU
	PA-SS	pa	Partida alçada de seguretat i salut	**Rend.: 1,000**	**221,00**	**€**
				COST DIRECTE		221,00000
				COST EXECUCIÓ MATERIAL		**221,0000**

PRESSUPOST

Data: 15/03/23 Pàg.: 1

Obra 01 Pressupost 2302_FRE_POLI_MOD
Capítol 00 ENDERROCS

NUM.	CODI	UA	DESCRIPCIÓ	PREU	AMIDAMENT	IMPORT
1	P214B-HBIJ	m2	Desmuntatge de reixa i ancoratges, amb mitjans manuals, aplec de material per a la seva reutilització i càrrega de runa sobre camió o contenidor (P - 2)	7,52	12,500	94,00
TOTAL	**Capítol**		**01.00**			**94,00**

Obra 01 Pressupost 2302_FRE_POLI_MOD
Capítol 01 IMPERMEABILITZACIÓ

NUM.	CODI	UA	DESCRIPCIÓ	PREU	AMIDAMENT	IMPORT
1	P7JC-5QDX	m	Segellat de junt entre materials d'obra de 20 mm d'amplària i 30 mm de fondària, amb junt expansiu en contacte amb l'aigua de bentonita de sodi i cautxú butil (P - 9)	10,38	80,000	830,40
2	P9U1-HCHJ	m	Mitja canya de radi 6 cm, feta amb morter de ciment (P - 13)	10,48	88,000	922,24
3	P781-5ZNG	m2	Impermeabilització de paraments horitzontals amb polímer acrílic, amb una dotació de 2 kg/m2 (P - 8)	16,59	214,280	3.554,91
TOTAL	**Capítol**		**01.01**			**5.307,55**

Obra 01 Pressupost 2302_FRE_POLI_MOD
Capítol 02 TANCAMENTS

NUM.	CODI	UA	DESCRIPCIÓ	PREU	AMIDAMENT	IMPORT
1	P442DG01	kg	Acer S275J0H segons UNE-EN 10210-1, per a bigues formades per peça composta, en perfils foradats laminats en calent sèrie rodó, quadrat i rectangular, treballat a taller i amb una capa d'imprimació antioxidant, col·locat a l'obra amb soldadura (P - 5)	2,88	2.736,750	7.881,84
2	P89C-392O	m2	Pintat de biga d'un sol perfil d'acer a l'esmalt sintètic, amb dues capes d'imprimació anticorrosiva i dues d'acabat i dues d'acabat (P - 10)	24,73	59,400	1.468,96
3	P560-VER	m2	Lluernes de plaques de policarbonat cel·lular de 20 mm de gruix i 4 parets, de 600 mm d'amplària i tractament per a l'absorció de la radiació ultraviolada a les dues cares, amb suports de perfil d'alumini i junts d'estanqueïtat, col·locat Criteri d'amidament: m2 de superfície amidada segons les especificacions de la DT. (P - 6)	65,74	121,760	8.004,50
4	P8K3-5TNH	m	Escopidor de planxa preformada d'alumini anoditzat d'1,5 mm de gruix, de 145 mm de desenvolupament, amb 2 plecs, col·locat amb adhesiu i fixacions mecàniques (P - 12)	19,27	44,500	857,52
5	P6180-5QFK	m2	Paret divisòria de dues cares vistes de 20 cm de gruix de bloc foradat de morter ciment, de 400x200x200 mm, llis, de color amb components hidrofugants, categoria I segons la norma UNE-EN 771-3, col·locat amb morter mixt 1:2:10 de ciment pòrtland amb filler calcari, traves, brancals i blocs massissats amb formigonament per a parets de blocs de morter de ciment, amb formigó HA-25/P / 20 / I de consistència plàstica, grandària màxima del granulat 20 mm, amb >= 250 kg/m3 de ciment, apte per a classe d'exposició I, col·locat manualment i acer en barres corrugades B500S de límit elàstic >= 500 N/mm2 per a l'armadura de parets de blocs de morter de ciment (P - 7)	58,13	12,500	726,63
6	P8J2-C56C	m	Coronament de paret amb peça de formigó prefabricat, de 20 a 30 cm d'amplària, de secció amb una pendent, de color especial Indeterminat, col·locada amb morter mixt 1:0,5:4 (P - 11)	29,93	5,200	155,64

PRESSUPOST

TOTAL Capítol 01.02 19.095,09

Obra 01 Pressupost 2302_FRE_POLI_MOD
Capítol 03 CONTROL DE QUALITAT

NUM.	CODI	UA	DESCRIPCIÓ	PREU	AMIDAMENT	IMPORT
1	CQ-SOL	u	Assaig de soldadures amb líquids penetrants (P - 1)	514,37	0,000	0,00

TOTAL Capítol 01.03 0,00

Obra 01 Pressupost 2302_FRE_POLI_MOD
Capítol 04 GESTIÓ DE RESIDUS

NUM.	CODI	UA	DESCRIPCIÓ	PREU	AMIDAMENT	IMPORT
1	P2R5-DT0K	m3	Transport de residus a instal·lació autoritzada de gestió de residus, amb camió de 7 t i temps d'espera per a la càrrega a màquina, amb un recorregut de més de 5 i fins a 10 km (P - 3)	9,35	2,000	18,70
2	P2RA-EU34	m3	Disposició controlada en dipòsit autoritzat inclòs el cànon sobre la deposició controlada dels residus de la construcció, segons la LLEI 8/2008, de residus barrejats no perillosos amb una densitat 0,17 t/m3, procedents de construcció o demolició, amb codi 17 09 04 segons la Llista Europea de Residus Criteri d'amidament: m3 de volum de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent. kg de pes de cada tipus de residu dipositat a l'abocador o centre de recollida corresponent. La unitat d'obra inclou totes les despeses per la disposició de cada tipus de residu al centre corresponent. Inclou el cànon d'abocament del residu a dipòsit controlat segons el que determina la Llei 8/2008, el pagament del qual queda suspès segons la Llei 7/2011. La empresa receptora del residu ha de facilitar al constructor la informació necessària per complimentar el certificat de disposició de residus, d'acord amb l'article 5.3 del REAL DECRETO 105/2008. (P - 4)	24,66	2,000	49,32

TOTAL Capítol 01.04 68,02

Obra 01 Pressupost 2302_FRE_POLI_MOD
Capítol 05 SEGURETAT I SALUT

NUM.	CODI	UA	DESCRIPCIÓ	PREU	AMIDAMENT	IMPORT
1	PA-SS	pa	Partida alçada de seguretat i salut (P - 0)	221,00	1,000	221,00

TOTAL Capítol 01.05 221,00

RESUM DE PRESSUPOST

Data: 15/03/23

NIVELL 2 : Capítol			Import
Capítol	01.00	ENDERROCS	94,00
Capítol	01.01	IMPERMEABILITZACIÓ	5.307,55
Capítol	01.02	TANCAMENTS	19.095,09
Capítol	01.03	CONTROL DE QUALITAT	0,00
Capítol	01.04	GESTIÓ DE RESIDUS	68,02
Capítol	01.05	SEGURETAT I SALUT	221,00
Obra	**01**	**Pressupost 2302_FRE_POLI_MOD**	**24.785,66**
		24.785,66	

NIVELL 1 : Obra			Import
Obra	01	Pressupost 2302_FRE_POLI_MOD	24.785,66
			24.785,66

PRESSUPOST D'EXECUCIÓ PER CONTRACTE

PRESSUPOST D'EXECUCIÓ MATERIAL.....		24.785,66
13 % Despeses generals SOBRE 24.785,66.....		3.222,14
6 % Benefici industrial SOBRE 24.785,66.....		1.487,14
Subtotal		29.494,94
21 % IVA SOBRE 29.494,94.....		6.193,94
TOTAL PRESSUPOST PER CONTRACTE	€	35.688,88

Aquest pressupost d'execució per contracte puja a

(TRENTA-CINC MIL SIS-CENTS VUITANTA-VUIT EUROS AMB VUITANTA-VUIT CÈNTIMS)