

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

Gallows with mounted signboards type LG

Scope: Fixed vertical road traffic signs (ZA.6)

The product fulfils the essential characteristic:

See Annex 1

Intended use: Complete assemblies of fixed vertical road traffic signs.
The signs and gallows are intended for mounting at ground level

Placed on the market under the name or trade mark of:
Seri Q Sign A/S
Stærmosegårdsvej 30
5230 Odense M
Denmark

and produced in the manufacturing plant:
CPA30002

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

EN 12899-1:2007 : **Fixed, vertical road traffic signs - Part 1: Fixed signs**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.

This certificate was first issued on 2018-03-07 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: **2026-04-22**.

(This certificate supersedes the previous version of this certificate issued 2023-06-14)



Christina Østergaard
Responsible for evaluation



Lene Skovbjerg
Responsible for certification decision

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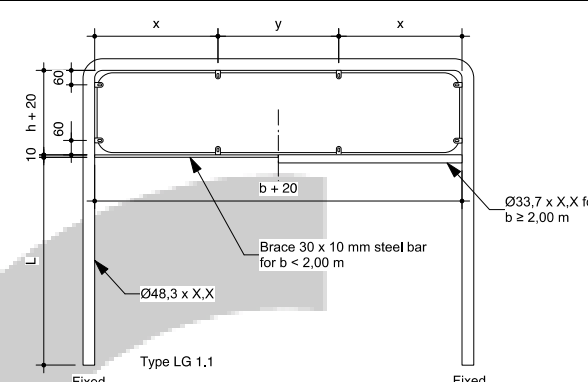
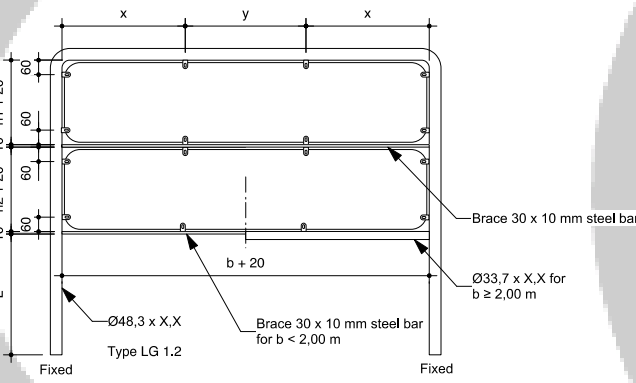
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Annex 1

Description and classification:

Sign, sizes and mounting system		Classification according to wind load classes		
Pipes: Minimum steel quality: S235 in dimension Ø33,7 x 3,2, Ø48,3 x 2,9, Ø48,3 x 3,0 and Ø48,3 x 3,2 mm Signboard: Minimum aluminium quality: R _{p0,2} = 180 MPa, min. 2 mm thickness		Placed in WL1	Placed in WL2	Placed in WL3
 Type LG 1.1		h ≤ 500 mm, b ≤ 2500 mm and L ≤ 500 mm		
 Type LG 1.2		PAF1, WL1, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB3, P2, E1 and SP1.
		h1 ≤ 330 mm, b ≤ 1750 mm and L ≤ 500 + h2 + 30 mm		
		PAF1, WL1, DSL0, PL0, TDB2, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB3, P2, E1 and SP1.
		h1 ≤ 330 mm, h2 ≤ 330 mm, b ≤ 3000 mm and L ≤ 500 mm		
		PAF1, WL1, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB4, P2, E1 and SP1.
		h1 ≤ 330 mm, h2 ≤ 330 mm, b ≤ 3500 mm and L ≤ 500 mm		
		PAF1, WL1, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB4, P2, E1 and SP1.	

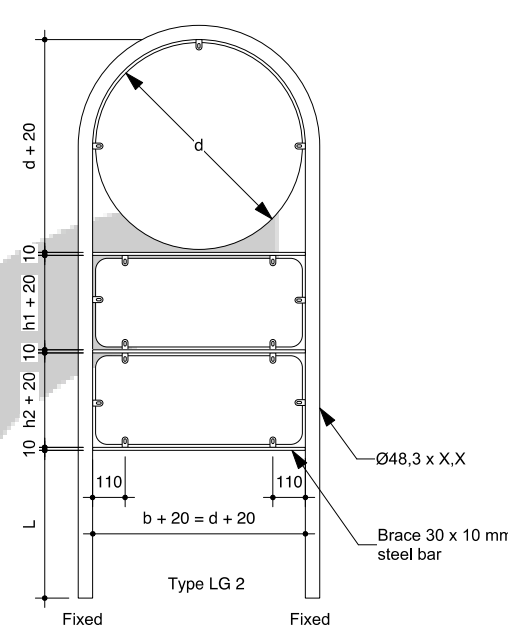
b	Numbers of braces	Measures for braces						
		344	332	344				
1000	2	344	332	344				
1250	2	426	418	426				
1500	2	510	500	510				
1750	2	593	584	593				
2000	2	677	666	677				
2250	4	460	450	450	450	460		
2500	4	510	500	500	500	510		
2750	4	560	550	550	550	560		
3000	5	510	500	500	500	500	510	
3250	6	475	464	464	464	464	464	475
3500	6	510	500	500	500	500	500	510

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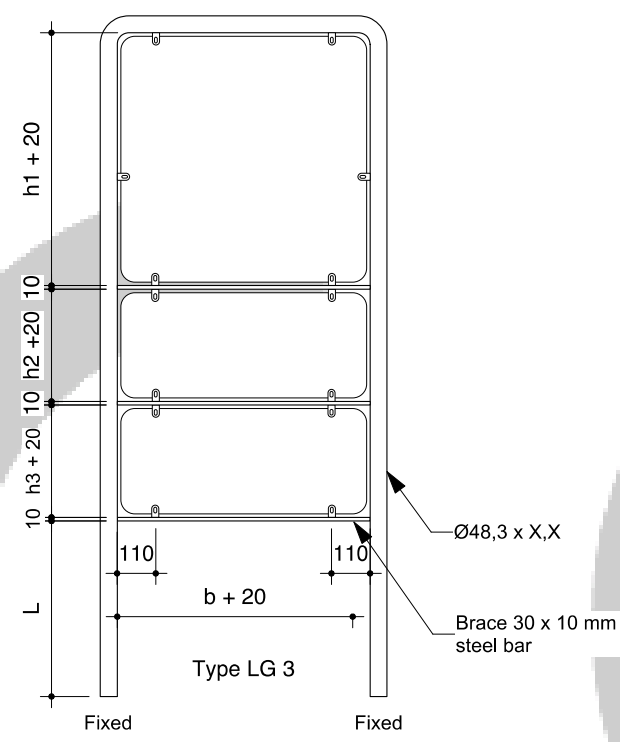
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Sign, sizes and mounting system		Classification according to wind load classes		
Pipes: Minimum steel quality: S235 in dimension $\varnothing 33,7 \times 3,2$, $\varnothing 48,3 \times 2,9$, $\varnothing 48,3 \times 3,0$ and $\varnothing 48,3 \times 3,2$ mm Signboard: Minimum aluminium quality: $R_{p0,2} = 180$ MPa, min. 2 mm thickness		Placed in WL1	Placed in WL2	Placed in WL3
		$d \leq 700$ mm and $L \leq h1 + h2 + 60 + 500$ mm		
		PAF1, WL1, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB3, P2, E1 and SP1.
		$d \leq 700$ mm, $h1 \leq 300$ mm and $L \leq h2 + 30 + 500$ mm		
		PAF1, WL1, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB3, P2, E1 and SP1.
		$d \leq 700$ mm, $h1 \leq 300$ mm, $h2 \leq 300$ mm and $L \leq 500$ mm		
		PAF1, WL1, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL2, WL3, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB3, P2, E1 and SP1.

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		$h1 \leq 700$ mm, $b \leq 700$ mm and $L \leq h2 + h3 + 60 + 500$ mm		
		PAF1, WL1, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB4, P2, E1 and SP1.
		$h1 \leq 700$ mm, $h2 \leq 300$ mm, $b \leq 700$ mm and $L \leq h3 + 30 + 500$ mm		
		PAF1, WL1, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB4, P2, E1 and SP1.
		$h1 \leq 700$ mm, $h2 \leq 300$ mm, $h3 \leq 300$ mm, $b \leq 700$ mm and $L \leq 500$ mm		
		PAF1, WL1, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB4, P2, E1 and SP1.
Resistance to horizontal loads		NPD		
Resistance to bending		NPD		
Resistance to torsion		NPD		
Fixings:		Pass. M6 Screws, nuts and washers M6: $f_y \geq 320$ MPa Pressure force for tightening: 2 kN.		
Temporary deflection (supports) -bending -torsion		NPD		
Permanent deflection		NDP		
Performance under vehicle impact		NDP		

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Visibility		Value/description/ class/reference
Retroreflective signs: Daylight chromaticity & luminance factor	3M Flexible engineer Grade Prismatic 7600	ETA 19/0839 ETA 25/0701
	3M High Intensity Prismatic 3930	ETA 18/0290
	3M Engineering Grade Prismatic 3430	ETA 12/0550 ETA 10/0118
	3M Diamond Grade DG	ETA 18/0405
	3M™ Flexible Engineer Grade Reflective Sheeting 7610	ETA 19/0839
	3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS	ETA 24/0244
	3M™ Diamond Grade™ DG ³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS	ETA 24/0246
Non retroreflective signs: Daylight chromaticity & luminance factor		NPD
Retroreflective signs: Coefficient of retroreflection R _A	3M Flexible engineer Grade Prismatic 7600	ETA 19/0839
	3M High Intensity Prismatic 3930	ETA 18/0290
	3M Engineering Grade Prismatic 3430	ETA 12/0550 ETA 10/0118
	3M Diamond Grade DG	ETA 18/0405
	3M™ Flexible Engineer Grade Reflective Sheeting 7610	ETA 19/0839
	3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS	ETA 24/0244
	3M™ Diamond Grade™ DG ³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS	ETA 24/0246

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External illumination		Value/description /class
mean illuminance,		NPD
uniformity of illuminance		NPD
Durability		Value/description /class
Impact resistance Sign face material	3M Flexible engineer Grade Prismatic 7600	ETA 19/0839
	3M High Intensity Prismatic 3930	ETA 18/0290
	3M Engineering Grade Prismatic 3430	ETA 12/0550 ETA 10/0118
	3M Diamond Grade DG	ETA 18/0405
	3M™ Flexible Engineer Grade Reflective Sheeting 7610	ETA 19/0839
	3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS	ETA 24/0244
	3M™ Diamond Grade™ DG³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS	ETA 24/0246
Resistance to weathering – sign face material: Retroreflective signs	3M Flexible engineer Grade Prismatic 7600	ETA 19/0839
	3M High Intensity Prismatic 3930	ETA 18/0290
	3M Engineering Grade Prismatic 3430	ETA 12/0550 ETA 10/0118
	3M Diamond Grade DG	ETA 18/0405
	3M™ Flexible Engineer Grade Reflective Sheeting 7610	ETA 19/0839
	3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS	ETA 24/0244
	3M™ Diamond Grade™ DG³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS	ETA 24/0246
Resistance to weathering – sign face material: Non retroreflective signs		NPD

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Corrosion resistance		Value/description/ class/reference
Steel pipes and fins		Minimum S235 SP1
Screws, nuts, and washers		M6: fy ≥ 320 MPa Stainless steel SP2 or anodized aluminum SP1
Aluminum plate		Minimum Rp0,2 ≥ 180 MPa SP1 Lacquered Al-plate on exposed side if any
Resistance to penetration of dust and water		NPD The product cannot be provided with compartments for electrical equipment

Annex 2

TECHNICAL BASIS

Title	Date
Seri Q Sign A/S Calculation of minor traffic signs (ITC) Shapes and sizes for signs mounted in gallows type LG, revision 02	March 2018
Addendum to Calculation of minor traffic signs (ITC) Shapes and Sizes for Signs Mounted in gallows Type LG 1 st . edition	December 2017
3M™ Flexible Engineer Grade Prismatic Reflective Sheeting 7600: ETA 19/0839 ver. 02	2022-09-19
3M™ Flexible Engineer Grade Prismatic Reflective Sheeting 7600+Canon UVgel ink + 3M™ Protective Overlay Film 1170C ETA 25/0701	2025-10-13
3M High Intensity Prismatic 3930 ETA 18/0290	2018-06-21
3M Engineering Grade Prismatic 3430: ETA 10/0118 ETA 12/0550	2016-02-10 2018-06-06
3M Diamond Grade DG: ETA 18/0405	2018-06-21
3M™ Flexible Engineer Grade Reflective Sheeting 7610 ETA 19/0839	2022-09-19
3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS ETA 24/0244	2025-10-13
3M™ Diamond Grade™ DG ³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS ETA 24/0246	2025-10-13

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End of Certificate



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