



Declaration of Performance
(According to regulation 305/2011/EU)

- No. LSN Strip S275JR
- Code of the product type: 1.0044
 - Type: Strip S275JR according to EN 10025-2
To be used in welded, bolted, and riveted structures.
 - Liberty Steel Newport Ltd, Corporation Road, Newport, South Wales NP19 4XE
Tel +44(0)1633 290288

System of assessment and verification of constancy of performance of the product: System 2+

Notified factory production control certification body CARES, notified under registration number 12444 performed the initial inspection of the manufacturing plant and of factory production control. Certification was transferred to notified factory production control certification body Kiwa Nederland B.V. Notified under registration number 0063, after the U.K. left the E.U. CARES maintains a continuous surveillance, assessment, and evaluation of factory production control on behalf of Kiwa. Kiwa issues the certificate of conformity of the factory production control:

Certificate No: 0063-CPR-106791/01

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Paul Cornelius,

Works Manager, Liberty Steel Newport Ltd.

Date 02/08/2022

Essential Characteristic	Performance declaration		Harmonised technical specification	
Tolerances on dimensions and shape	Dimensions Flatness	EN10051	EN10051	
		EN10051		
Elongation (transverse)	Nominal thickness (mm)	Min Values% (L ₀ = 80 mm)		
		>		≤
		1		1.5
		15		2
		2		2.5
		2.5		3
Tensile strength (transverse)	Nominal thickness (mm)	21 (L ₀ = 5.6 √s ₀)		
		Values (MPa)		
		Min Max		
Yield strength (transverse)	Nominal thickness (mm)	430	580	
		3	410	
Impact strength (longitudinal)	Nominal thickness (mm)	Min Value (MPa)	560	
		>	≤	
Weldability CEV	Nominal thickness mm	27J at +20°C	275	
		> 1.4	≤ 12.5	
Durability	Nominal thickness mm	Max value (%)	0.40	
		> 1.4	≤ 12.5	
Durability	Nominal thickness mm	Max Values%		
		C	0.21	
		Mn	1.50	
		P	0.035	
		S	0.035	
		N	0.012	
Cu	0.55			
The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0.020% or if sufficient other N binding elements are present.				

<p>0063-CPR-106791/01</p>	<p>Liberty Steel Newport Ltd. Corporation Rd. Newport, South Wales NP19 4XE</p> <p>15</p> <p>LSN Strip S275JR</p> <p>EN 10025-1: 2004</p> <p>1.0044</p> <p>To be used in welded, bolted, and riveted structures</p> <p>Tolerances on dimensions and shape: EN 10051</p> <p>Elongation: Tensile strength: Yield strength: Impact strength: Weldability: Durability:</p> <p>Steel S275JR-EN 10025-2</p> <p>Dangerous substances: No performance determined</p>
---------------------------	--