

**Declaration of Performance
(according to regulation EU No. 305/2011)**

DoP Number

SULB-BH-S355JR

Product Identification Code

Hot Rolled Structural Steel Sections S355JR / 1.0045

Product Type

Sections S355JR According to EN 10025-2

Intended Use

To be used in metal structures
or in composite metal and concrete structures

Manufacturer

SULB Company B.S.C.(c)
Building 277, Road 17, Block 117, Hidd Industrial Area, P.O. Box 50177,
Kingdom of Bahrain
Tel. (+973) 1735-9344
Website: www.sulb.com

CE Marking Notified Body

Bureau Veritas Iberia, S.L.
Edificio Caoba. C/ Valportillo Primera 22-24
Polígono Industrial La Granja
28108 – Alcobendas
Madrid, Spain
Tel. (+34) 91 270 2084
Website:www.bureauveritas.es

**System of Assessment and Verification
of Constancy of Performance of the Product**

System 2+

Notified factory production control certification body No. 1035 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product type and its identification is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer identified above.



Signed for and on behalf of the manufacturer by:



Joachim D'Souza
Acting Chief Executive Officer

Essential Characteristic	Performance		Harmonised Technical Specification
Tolerances on Dimensions and Shape	Equal Angle	EN 10056-1 EN 10056-2	EN 10025-1 :2004
	IPEAA, IPEA, IPE	EN 10034	
	HEAA, HEA, HEB, HEM	EN 10034	
	Universal Beam (UB)	EN 10034	
	Universal Column (UC)	EN 10034	
Yield Strength (Longitudinal)	Nominal Thickness (mm)	Values Min (MPa)	
	≤16	355	
	>16 ≤40	345	
Tensile Strength (Longitudinal)	Nominal Thickness (mm)	Values (MPa)	
	>40 ≤63	325	
Elongation (Longitudinal)	Nominal Thickness (mm)	Values Min. (% , 5.65√so)	
	≥3 ≤40	470 to 630	
Impact Strength (Longitudinal)	Nominal Thickness (mm)	Values Min. (% , 5.65√so)	
	>40 ≤63	22	
Weldability CEV	Impact Strength (Longitudinal)	JR	
	Nominal Thickness (mm)	Values Max (%)	
	≤30	0.45	
Durability (Chemical Composition)	>30 ≤40	0.47	
	>40 ≤150	0.47	
	Nominal Thickness (mm)	Values Max (%)	
	≤16	C: 0,24	
	>16 ≤40	C: 0,24	
	>40	C: 0.24	
		Si: 0,55 Mn: 1,60 P: 0,035 S: 0,035 N: 0,012 Cu: 0,55	



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 P.O. Box 50177, Building 277, Road 17, Block 117, Hidd Industrial Area, Kingdom of Bahrain www.sulb.com 14 EC Certificate of Factory Production Control 1035-CPR-ES059070
EN 10025-1:2004 Hot Rolled Structural Steel Section S355JR / 1.0045 To be used in metal structures or in composite metal and concrete structures Declaration of Performance: SULB-BH-S355JR Elongation Tensile Strength Yield Strength Impact Strength Weldability Durability } EN10025-2 Dangerous Substances : No Performance Determined