

Declaration of Performance – DOP-MS-FL-01
according to Annex III Construction Products Regulation (305/2011/EU)
and Regulation (EU) No 574/2014

For the construction product	Hot-Rolled Structural Steel
Unique identification code of the product type::	EN 10025-2:2019 S275J2
Intended use:	Hot rolled Structural steel Shape for Fabrication construction or engineering purpose.
Manufacturer:	Mahavir Steel Industries Ltd. Gat No.236/1, Pune-Solapur Road, Yawat, Pune-412214 Maharashtra India.
Authorized representative:	None
System of AVCP:	System 2+
Harmonised standard: Notified body:	EN 10025-1:2004 TÜV NORD Systems

Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Dimensions and shape	Tolerances acc. to Table 1 Confirms to EN 10025-2:2019 (E)	
Mechanical properties	Grade Designation: EN 10025-2:2019	
Yield Strength Mpa	Nominal Thickness mm	Min Max
	≤16	275 -
	>16 to ≤40	265 -
	>40 to ≤63	255 -
	>63 to ≤80	245 -
	>80 to ≤100	235 -
Tensile Strength Mpa	Nominal Thickness mm	Min Max
	<3	430 580
	≥3 to ≤100	410 560
	>100 to ≤150	400 540
Percentage Elongation %	Nominal Thickness mm	Min Max
	≥3 to ≤40	23 -
	>40 to ≤63	22 -
	>63 to ≤100	21 -
	>100 to ≤150	19 -
Impact Strength	Temp °C	Min Energy (Joules)
	-20	27
Weldability	As per TABLE 1 OF EN 10025-2:2019	
Durability	No Determination	

EN 10025-1:2004 (E)

The performance of the product identified above is in conformity with the set of declared performance. This Declaration of Performance is issued, in accordance with **Regulation (EU) No 305/2011**, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: PRAKASH BONGARDE (FPC)
(PPlace, Date, Signature): PUNE XX/FEB/2024