

Declaration of Performance – JSOL/CE/HSM/S235J0 according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014				
For the construction product		Hot rolled Sheet/plate & Strip		
Unique identification code of the product type::		EN 10025-2 S235J0		
Intended use:		Hot rolled steel plates for building construction or civil engineering purpose.		
Manufacturer:		Jindal Steel Odisha Ltd. SH-63, Angul-759111, Orrisa, India		
Authorized representative:		None		
System of AVCP:		System 2+		
Harmonised standard: Notified body:		EN 10025-1:2004 TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045		
Declared performance:				
Essential characteristics	Performance		Harmonised technical specification	
Dimensions and shape	EN 10029:2011 & EN 10051:2011		EN 10025-1:2004 EN 10025-2: 2019	
Mechanical properties	Grade Designation: EN 10025-2 S235J0			
Yield Strength Mpa	Nominal Thickness mm	Min	Max	EN 10025-2:2019
	≤16	235	-	
	>16 to ≤20	225	-	
	Nominal Thickness mm	Min	Max	
Tensile Strength Mpa	<3	360	510	
	≥3 to ≤100	360	510	
Percentage elongation %	Nominal Thickness mm	Min	Max	
	≥ 1.6 to ≤ 2	17	-	
	> 2 to ≤ 2.5	18	-	
	> 2.5 to < 3	19	-	
Impact Strength	≥ 3 to ≤ 20	24	-	
	Nominal Thickness mm	Min Energy J, Temp °C		
	Thickness ≥ 6mm	27J at 0°C		
Weldability & Durability (by chemical composition)	Table 1 & 5 of EN 10025-2			
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: (Name and Function): (Place, Date, Signature):				

 0045			
24			
Jindal Steel Odisha Ltd. Village: Nisha, Chhendipada Road, Sh - 63, jindal Nagar, Angul 759111, Orissa, India www.jindalsteelpower.com 0045 - CPR -2711,			
EN 10025 – 1: 2004 HOT ROLLED STRUCTURAL STEEL PRODUCTS INDENDED USES : STRUCTURAL STEEL TOLERANCES ON DIMENSIONS AND SHAPE : PLATE EN 10029 <table border="1"> <tr> <td> ELONGATION TENSILE STRENGTH YEILD STRENGTH IMPACT STRENGTH WELDABILITY DURABILTY </td> <td> Steel "S235J0 EN 10025- 2 : 2019" </td> </tr> </table>		ELONGATION TENSILE STRENGTH YEILD STRENGTH IMPACT STRENGTH WELDABILITY DURABILTY	Steel "S235J0 EN 10025- 2 : 2019"
ELONGATION TENSILE STRENGTH YEILD STRENGTH IMPACT STRENGTH WELDABILITY DURABILTY	Steel "S235J0 EN 10025- 2 : 2019"		
DANGEROUS SUBSTANCE : < 0.2 ppm			
DOP NO: JSOL/CE/HSM/S235J0			
DOP CAN BE VIEWED AT :www.jindalsteelpower.com			