



JSW STEEL LIMITED

Vijayanagar Works, PO- Vidyanagar, Village-Toranagallu, Dist: Bellary, Karnataka-583275, INDIA
 Regd. Office: JSW Centre, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051

TEST CERTIFICATE FOR COLD REDUCED LOW CARBON STEEL SHEET & STRIP

(According to EN 10204 Type 3.1)

IS 513_PART1



CM/L - 3330339

Test Certificate : CRCA/23-24/0003211675
 To M/S.

Date : 15.11.2023
 SO No./ Item : 402113135 / 10
 Product : CRCA
 PO No. : RETAIL PRIME

1.00 mm

It is certified that the material described below fully conforms to IS 513_PART1. Chemical composition and Mechanical properties of the product, as tested in accordance with the Scheme of Testing & Inspection contained in the BIS certification marks Licence No. CM/L - 3330339 are as indicated below against each order No. Etc.
 (PLEASE REFER TO IS 513_PART1 FOR DETAILS OF SPECIFICATION REQUIREMENTS)

Specification: IS513_PART1_2016 CR2				TEST RESULTS													
Heat No.	Coil No.	Nominal Size (MM)	QTY (MT)	C %	Mn %	S %	P %	Si %	Al %	N %	YS (Mpa)	UTS (MPa)	GL (mm)	EL%	Hard (HRB)	Ra µm	
Mother Coil		T X W X L	Min	0.020										50	31.00	0.70	
			Max	0.1200	0.50	0.035	0.040		0.070	0.0120	240	370			1.60		
Z948481	23A6LM0000	1.000 X 1245.0 X Coil	16.830	0.0020	0.16	0.009	0.014	0.005	0.045	0.0017	176	318	50	44.00	41.0	0.94	
Total Weight in Metric Tonnes			16.830	Grand Total of Coils/Pkt/Bundles/Slab							1						

Accepted

This is to certify that the above mentioned product produced & supplied by us, do not contain any radio active element higher than the natural level and it conforms to Standard Rolling, Dimensional & Weight tolerances. The product or packing material does not contain any hazardous substances as per RoHS norms.

Delivery ID : 714653910
 Invoice No. : 7106215238
 GST Invoice No : 23VJ2900394095
 Mode of Transport : Rail
 Vehicle No. :
 LC No. :

Legends: Chemistry = Laddle Sample analysis; 1Mpa= 1N/mm²; T x W x L = Thickness x Width x Length
 YS= Yield Strength ; UTS = Ultimate Tensile Strength, %EL= %ge Elongation on standard gauge length

Remarks :



L. G. NAIDU
 (L. G. NAIDU)
 Authorised Signatory