



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

IS 513 PART1



CM/L - 3330339

Test Certificate : CRCA/23-24/0000529479
To M/S.

Date : 29.11.2023
SO No./ Item : 402118632 / 210
Product : CRCA
PO No. : Ispat Deal Nov

2.00mm

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: IS 513 PART1_2016 CR2			TEST RESULTS													
Cast / Heat No.	Coil Number	Nominal Size (MM)	QTY (MT)	C %	Mn %	S %	P %	Si %	Al %	N %	YS (Mpa)	UTS (MPa)	GL (mm)	EL% (HRB)	Hard	Ra µm
			Min	0.020									50	31.00		0.70
Mother Coil		T X W X L	Max	C %	Mn %	S %	P %	Si %	Al %	N %	YS	UTS	GL	EL	Hard	Ra
C529233	23A6KX0000	2.000 X 1245.0 X Coil	21.895	0.1200	0.50	0.035	0.040	0.070	0.0120	240	370					1.60
23A6KX0000			21.895	0.0550	0.27	0.012	0.012	0.007	0.058	0.0031	183	294	50	47.70	38.8	0.81
Total Weight in Metric Tonnes			21.895	Grand Total of Coils/Pkt/Bundles							1					

151410

Accepted.

This is to certify that the above mentioned product produced & supplied by JSW Steel Ltd 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 : 714739523
Invoice No. : 0092393924
Mode of : Normal Trailer
Vehicle No. : MH46BF7322

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
For JSW Steel Ltd.