



RASHTRIYA ISPAT NIGAM LIMITED

VISAKHAPATNAM STEEL PLANT

QUALITY ASSURANCE & TECHNOLOGY DEVELOPMENT DEPARTMENT
VISAKHAPATNAM-530031 (A.P)

IS 14650



CM/L-6842583

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TEST CERTIFICATE

DETAILS		CUSTOMER/DESTINATION		WAGON/TRUCK/TRAILOR No.		R.R. WEIGHT (TONS)
T.C.NO:	QMS/R/QAD/RM/20/M/2024-25/9530/00060301	DATE: 22.12.2024	SHIVOM TRADING CO., NH 27 Survey no. 192 Plot no. 3 Opp. P. S. Plywood Gondal Rd, Veraval Shapar., Rajkot, Gujarat, India	GJ01JT5926.		31.120
INV NO:	7532402640					

WE CERTIFY THAT THE MATERIAL DESCRIBED BELOW FULLY CONFORMS TO IS 14650 - 2023 CHEMICAL COMPOSITION AND PHYSICAL PROPERTIES OF THE PRODUCT, AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING AND INSPECTION CONTAINED IN THE BIS CERTIFICATION MARKS LICENSE NUMBER CM/L-6842583 ARE AS INDICATED BELOW AGAINST EACH ORDER.

Grade:2830

HEAT / LOT NUMBER	NOMINAL SIZE (mm)	NO. OF COILS/ BUNDLES/ BILLETS/ BLOOMS	CHEMICAL COMPOSITION															Color	DESIGNATION
			C	Mn	P	S	Si	Al	Cr	Cu	V	Ti	B	Ni	Mo	N2	CE		
			%	%	%	%	%	%	%	%	%	%	%	%	%	ppm			
2406721	77X77	1	0.170	0.630	0.017	0.022	0.140	0.015	0.013	---	---	---	---	---	---	NA	0.278	NO COLOUR	CPS 2062 E250BR
2407255	77X77	3	0.150	0.950	0.032	0.027	0.080	0.010	0.008	---	---	---	---	---	---	NA	0.310	NO COLOUR	CPS 2062 E250BR

STANDARD SPECIFICATION:

CHEMICAL	C	Mn	P	S	Si	Al	Cr	Cu	CE
	0.120 - 0.230	0.300 - 1.500	<= 0.050	<= 0.050	<= 0.400	<= 0.150	<= 0.050	NA	0.170 - 0.490

THE MATERIAL SUPPLIED CONFORMS TO THE STANDARD ROLLING AND MASS TOLERANCES

AVERAGE WEIGHT OF EACH BUNDLE/COIL/BILLET/BLOOM IS 7.780 TONS APPROXIMATELY
MANUFACTURING ROUTE: BOF-LF/IRUT-CCM-BILLET
REDUCTION RATIO: 10.12 : 1

TC ISSUED BY :
Shivom Trading Co. (Shapar)
QTY. 2280 k. 12 pcf
Inv. No. ST2425-1213
Date : 31/12/2024

