

RASHTRIYA ISPAT NIGAM LIMITED

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



Date:	31/12/24
Batch No.:	550L
Material:	SAE 1020
Section:	77RCS
Qty:	2280 Kgs
Supplier:	Shivom Trading Co.
Steel Mill:	N.L.P
PAGE 1 OF 1	



IS 14650

W/L-6842583

TEST CERTIFICATE		CUSTOMER/DESTINATION		RR. WEIGHT (TONS)	
T.C.NO:	QMS/R/QAD/RM/20/M/2024-25/9530/00060301	DATE:	22.12.2024	GJ01JT5926.	31.120
INNO:	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

CHEMICAL COMPOSITION												Color	DESIGNATION						
HEAT / LOT NUMBER	NOMINAL SIZE (mm)	NO. OF COILS/ BUNDLES/ BILLETS/ BLOOMS	C	Mn	P	S	Si	Al	Cr	Cu	V	Ti	B	Ni	Mo	N2	CE		
2406721	77X77	1	0.170	0.630	0.017	0.022	0.140	0.015	0.013	--	--	--	--	--	--	--	--	No	CPS 2062 E250BR
2407255	77X77	3	0.150	0.950	0.032	0.027	0.080	0.010	0.008	--	--	--	--	--	--	--	--	0.278 COLOUR	NA
																		0.310 COLOUR	NA
																		0.170 - 0.490	

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	550V

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/RUT-CCM-BILLET
REDUCTION RATIO: 10.12 : 1

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

