

RASHTRIYA ISPAT NIGAM LIMITED

VISAKHAPATNAM STEEL PLANT

QUALITY ASSURANCE & TECHNOLOGY DEVELOPMENT DEPARTMENT

VISAKHAPATNAM-530031 (A.P)



TEST CERTIFICATE

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DETAILS			CUSTOMER/DESTINATION			WAGON/TRUCK/TRAILOR No.	R.R. WEIGHT (TONS)
T.C.NO:	QMS/R/QAD/RM/20/L/2024-25/1001/00186801	DATE: 31.12.2024	SHIVOM TRADING CO.,			GJ39T6183.	40.960
INV NO:	8024008780	DATE: 31.12.2024	NH 27 Survey no. 192 Plot no. 3 Opp. P. S. Plywood Gondal Rd, Veraval Shapar,, Rajkot, Gujarat, India				

HEAT / LOT NUMBER	NOMINAL SIZE (mm)	NO. OF COILS/ BUNDLES/ BILLETS/ BLOOMS	CHEMICAL COMPOSITION										MECHANICAL PROPERTIES					COLOR CODE	GRADE/ DESIGNATION
			C	MN	P	S	SI	AL	CR	CU	CE	N2	YS	UTS	%EL	RA	BEND TEST		
			%	%	%	%	%	%	%	%	%	PPM	N/mm2	N/mm2	%	%			
2409053	125X125	33	0.450	0.780	0.026	0.030	0.230	0.028	0.014	---	0.581	---	---	---	---	---	NA	BLUE	EN8D

STANDARD SPECIFICATION:

CHEMICAL	C	Mn	P	S	Si	Cr	Cu	CE	V	Ti	B
	0.410 - 0.450	0.700 - 0.900	<= 0.040	<= 0.040	0.050 - 0.350	0.020 - 0.150	NA	0.520 - 0.610	NA	---	---

THE MATERIAL SUPPLIED CONFORMS TO THE STANDARD ROLLING AND MASS TOLERANCES

AVERAGE WEIGHT OF EACH BUNDLE/COIL/BILLET/BLOOM IS 1.241 TONS APPROXIMATELY

MANUFACTURING ROUTE: BOF-LF/IRUT-CCM-BILLET

REDUCTION RATIO: 4.94 : 1

Date:	7/11/25
Batch No:	559L
Material:	C45
Section:	125RCB
Qty:	4350kg
Supplier:	Shivom
Steel Mill:	VSP.

TC ISSUED BY :

Shivom Trading Co. (Shapar)

7 Pcs

4350

KG

Inv. No ST24125-1235

Date: 7/11/2025

559L

FOR (QA & TD)
VISAKHAPATNAM STEEL PLANT
R.I.N.L