



VISAKHAPATNAM STEEL PLANT
QUALITY ASSURANCE & TECHNOLOGY DEVELOPMENT DEPARTMENT
VISAKHAPATNAM-530031 (AP)



TEST CERTIFICATE

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QMS NO:	QMS/RQAD/RM/47/2024-25/9000/00214101	DATE:	26.10.2024	CUSTOMER/DESTINATION	SHIVOM TRADING CO., NH 27 Survey no. 192 Plot no. 3 Opp. P. S. Plywood Gondal Rd, Veraval Shapar, Rajkot, Gujarat, India
INV NO:	8024906805	DATE:	26.10.2024		

WE CERTIFY THAT THE MATERIAL DESCRIBED BELOW FULLY CONFORMS TO IS1875 - 1992 CHEMICAL COMPOSITION OF THE PRODUCT, AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING AND INSPECTION CONTAINED IN THE BIS CERTIFICATION MARKS LICENSE NUMBER CML-2336649 ARE AS INDICATED AGAINST EACH ORDER NUMBER.
PLEASE REFER TO IS1875 - 1992 FOR DETAILS OF SPECIFICATION REQUIREMENTS.

HEAT /		CHEMICAL COMPOSITION																	COLOUR		GRADE	
LOT NUMBER	NOMINAL SIZE (mm)	NO. OF COILS / BUNDLES	C	MN	P	S	SI	TOTAL	CR	CU	V	TI	B	NI	MO	CE	N2	CODE	IS GRADE	Equivalent		
24D02468	56	BILLETS / PL. COILS 00008	0.475	0.700	0.023	0.007	0.230	0.029	0.017	---	---	---	---	---	---	---	0.595	---	GREEN+BROWN N	IS1875-45C8	CK45	
HEAT /		MECHANICAL PROPERTIES																	BEND TEST		PE-BEND TEST	
LOT NUMBER	YS (N/mm ²)	UTS (N/mm ²)	EL		RA	BEND TEST		PE-BEND TEST														
			%	%																		
24D02468	369,000	659,000	16,000			NA		NA														
HEAT /	LOT NUMBER	METALLURGICAL PROPERTIES										HARDENABILITY					AS		MACRO ETCH		SPARK	
		INCLUSION RATING (IS 4163)										DEPTH	J	J	J	J	J	ROLLED	C			S
LOT NUMBER	SIZE (ASTM E-112)	TK	TH	TK	TH	TK	TH	TK	TH	URISATI ON	mm	mm	mm	mm	mm	mm	SS	C	S	R		
24D02468	6.7	---	0.5000	---	0.5000	---	0.5000	---	1.5000	0.4500	---	---	---	---	---	---	---	183,000	1,000	1,000	2,000	

THE MATERIAL SUPPLIED CONFORMS TO THE STANDARD ROLLING AND MASS TOLERANCES

AVERAGE WEIGHT OF EACH BUNDLE/COIL/BILLET/BLOOM IS 5.265 TONS APPROXIMATELY
FACTORY ROUTE: BOF-LE/IRUT-CCM-ROUND
REDUCTION RATIO: 16.24:1

5522

TC ISSUED BY:

Shivom Trading Co. (Shapar)

QTY. 1300 KG 11 Pcs

Inv. No. ST2425-1922

Date: 21/12/2025

FOR (QA & TD)

VISAKHAPATNAM STEEL PLANT

R.N.L