



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

TEST CERTIFICATE

DETAILS

T.C.NO: QMS/R/QAD/RM/20/M/2024-25/1001/00170601

DATE: 20.11.2024

CUSTOMER/DESTINATION

SHIVOM TRADING CO.,
NH 27 Survey no. 192 Plot no. 3 Opp. P. S. Plywood Gondal Rd, Veraval
Shapar, Rajkot,
Gujarat, India

WAGON/TRUCK/TRAILOR No.

GJ12BZ8604

R.R. WEIGHT (TONS)

41.460

INV NO: 8024007505

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 CML-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	
2406956	65X65	5	0.210	0.710	0.028	0.043	0.150	0.020	0.008	---	---	---	---	---	---	---	N/A	0.330	NO COLOR	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 8.292 TONS APPROXIMATELY
MANUFACTURING ROUTE: BOF-L/FIRUT-CCM-BILLET
REDUCTION RATIO: 14.21 : 1

548L

TC ISSUED BY :
Shivom Trading Co. (Shapar)
QTY. 3170 KG
INV. No. STE425-1211
Date : 31/12/2024

QAD

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

Date: 31/12/24
Batch No.: 548L
Material: 65 AC
Section: 3170 kg
Qty: 3170 kg
Supplier: Shivom Trading Co.
Steel Mill: V.S.P.
CML-6842583
IS 14650
PAGE 1 OF 1