



RASHTRIYA ISPAT NIGAM LIMITED

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

IS 7887



CM/L-2336750

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TEST CERTIFICATE

DETAILS			CUSTOMER/DESTINATION	WAGON/TRUCK/TRAILOR No.	R.R. WEIGHT (TONS)
C.N.O:	QMS/R/QAD/RM/46/W/2022-23/9530/00086701	DATE: 26.11.2022	DEVASYA INDUSTRIES, PLOT NO.E 263 ROAD NO.17, SANAND GIDC PHASE 2 SANAND GIDC,, SANAND, AHMEDABAD,	GJ27U3666.	4.160
NV NO:	7532203749	DATE: 26.11.2022	Gujarat, India		

E CERTIFY THAT THE MATERIAL DESCRIBED BELOW FULLY CONFORMS TO IS 7887 - 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 CM/L-2336750 ARE AS INDICATED AGAINST EACH ORDER NUMBER
PLEASE REFER TO IS 7887 - 1992 FOR DETAILS OF SPECIFICATION REQUIREMENTS)

TESTING AND INSPECTION CONTAINED IN THE BIS CERTIFICATION MARKS LICENSE NUMBER CM/L-2556750 ARE AS INDICATED (PLEASE REFER TO IS 7887 - 1992 FOR DETAILS OF SPECIFICATION REQUIREMENTS)																	COLOUR		GRADE	
HEAT / LOT NUMBER	NOMINAL SIZE (mm)	NO. OF COILS/ BUNDLES / BILLETS/ BLOOMS	CHEMICAL COMPOSITION									MECHANICAL PROPERTIES				BEND TEST	HARD- NESS	CODE	IS GRADE	EQUIVALEN T
			C	MN	P	S	SI	AL	CR	CU	CE	YS	UTS	%EL	RA					
			%	%	%	%	%	%	%	%	%	N/mm ²	N/mm ²	%	%					
22D03426	18	2	0.173	0.680	0.019	0.010	0.090	0.014	0.012	---	0.289	284.000	462.000	29.000	51.000	NA	--	PINK+ORANGE	IS7887 GR-7M	SAE1018

STANDARD SPECIFICATION:										V	TI	B
CHEMICAL	C	Mn	P	S	Si	Al	Cr	Cu	Ce			
	0.150 - 0.200	0.600 - 0.900	<= 0.040	<= 0.040	<= 0.300	0.010 - 0.100	<= 0.050	NA	<= 2.000	---	---	NA
MECHANICAL	YS		UTS		%EL		RA					
	200 - 450		300 - 550		>= 15		>= 40					

THE MATERIAL SUPPLIED CONFORMS TO THE STANDARD ROLLING AND MASS TOLERANCES.
AVERAGE WEIGHT OF EACH BUNDLE/COIL/BILET/BLOOM IS 2.080 TONS APPROXIMATELY
MANUFACUTRING ROUTE: BOF-LF/IRUT-CCM-BLOOMS-WIRE ROD
REDUCTION RATIO: 88.38 : 1 COLOUR CODE: PINK+ORANGE

