



JSW STEEL LIMITED

Vijayanagar Works, PO- Vidyanagar, Village-Toranagallu, Dist: Bellary, Karnataka-583275, INDIA
Regd. Office: JSW Centre , Bandra Kurla Complex , Bandra (East) , Mumbai - 400 051

IS 1786:2008



TEST CERTIFICATE FOR HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT

(According to EN 10204 Type 3.1)

CM/L - 6965397

Test Certificate : TMT/23-24/0003063675

To M/S. Vitson Steel Corp Private Ltd
VI/78 B INDUSTRIAL DEVELOPMENT ARE
COCHIN - 683502 Region: 11

Date : 20.08.2023
SO No./ Item : 402016825 / 30
Product : TMTBF
PO No. : New Order

It is certified that the material described below fully conforms to IS 1786:2008. Chemical composition and Mechanical properties of the product, as tested in accordance with the Scheme of Testing & Inspection contained in the BIS certification marks Licence No. CM/L - 6965397 are as indicated below against each order No. Etc.

(PLEASE REFER TO IS 1786:2008 FOR DETAILS OF SPECIFICATION REQUIREMENTS)

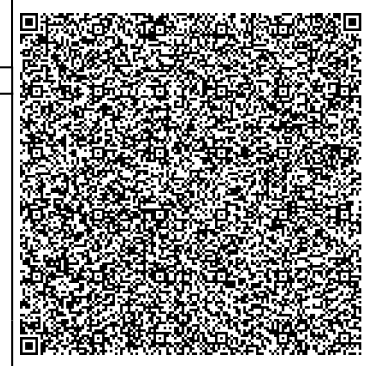
TEST RESULTS

Specification: IS1786_2008 FE_550D				QTY (MT)	C %	Mn%	S%	P%	Si%	Cr%	N%	Ni%	Cu %	Mo%	V%	S+P%	CE	YS (Mpa)	UTS (MPa)	EL%	TEL	UTS/YS RAT	RE Bend Test	Bend Test
Heat No.	Bundle No.	Nominal Size (MM)		Min																				
		Length	Dia	Max																				
					550	600	14.50	5.00	1.08															
Mother Coil					0.250	0.040	0.040		0.0120							0.075	0.610							
F942012	238BT10459	12,000.0	8.00	4.041	0.207	0.78	0.011	0.022	0.228	0.027	0.0045	0.007	0.005	0.001	0.001	0.033	0.337	599	677	21.25	7.68	1.13	OK	Pass
F942012	238BT10454	12,000.0	8.00	4.095	0.207	0.78	0.011	0.022	0.228	0.027	0.0045	0.007	0.005	0.001	0.001	0.033	0.337	599	677	21.25	7.68	1.13	OK	Pass
F942012	238BT10453	12,000.0	8.00	4.068	0.207	0.78	0.011	0.022	0.228	0.027	0.0045	0.007	0.005	0.001	0.001	0.033	0.337	599	677	21.25	7.68	1.13	OK	Pass
F942012	238BT10452	12,000.0	8.00	3.751	0.207	0.78	0.011	0.022	0.228	0.027	0.0045	0.007	0.005	0.001	0.001	0.033	0.337	599	677	21.25	7.68	1.13	OK	Pass
F942012	238BT10451	12,000.0	8.00	3.449	0.207	0.78	0.011	0.022	0.228	0.027	0.0045	0.007	0.005	0.001	0.001	0.033	0.337	599	677	21.25	7.68	1.13	OK	Pass
F942012	238BT10450	12,000.0	8.00	2.809	0.207	0.78	0.011	0.022	0.228	0.027	0.0045	0.007	0.005	0.001	0.001	0.033	0.337	599	677	21.25	7.68	1.13	OK	Pass
Total Weight in Metric Tonnes				32.707	Grand Total of Coils/Pkt/Bundles/Slab																			9

This is to certify that the above mentioned product produced & supplied by us, do not contain any radio active element higher than the natural level and it confirms to Standard Rolling, Dimensional & Weight tolerences. The product or packing material does not contain any hazardous substances as per RoHS norms.

Delivery ID : 714118833
Invoice No. : 7105914595
GST Invoice No : 23VJ2900239804
Mode of Transport : Rail
Vehicle No. :
LC No. :

Process Route : RM-BF-BOF-LHF-CCM-Rolling
Legends: BOF = Basic Oxygen Furnace, LHF = Ladle Heating Furnace, CCM = Continuous Casting Machine, RH = RH Degasser, BRM = Bar Rod Mill, #WRM = Wire Rod Mill
Chemistry = Ladle sample analysis; 1Mpa= 1N/mm² ; CE= [C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15]
YS= Yield Strength ; UTS = Ultimate Tensile Strength, EL= %ge Elongation on standard gauge length
Remarks :



Authorised Signatory



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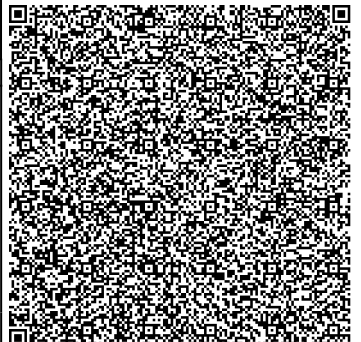
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Heat No.	Bundle No.	Nominal Size (MM)		Min																							
		Length	Dia	Max																							
					0.250		0.040	0.040			0.0120					0.075	0.610	550	600	14.50	5.00	1.08					
F942012	238BT10449	12,000.0	8.00	2.493	0.207	0.78	0.011	0.022	0.228	0.027	0.0045	0.007	0.005	0.001	0.001	0.033	0.337	599	677	21.25	7.68	1.13	OK	Pass			
F942012	238BT10448	12,000.0	8.00	3.980	0.207	0.78	0.011	0.022	0.228	0.027	0.0045	0.007	0.005	0.001	0.001	0.033	0.337	599	677	21.25	7.68	1.13	OK	Pass			
F942012	238BT10447	12,000.0	8.00	4.021	0.207	0.78	0.011	0.022	0.228	0.027	0.0045	0.007	0.005	0.001	0.001	0.033	0.337	599	677	21.25	7.68	1.13	OK	Pass			
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