

**TEST CERTIFICATE FOR: HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT ACCORDING TO IS 1786:2008**

Test Certificate No.- 900565483

Date: 21.07.2022

M/s: - M.L.TRADING

ALWAR , SUBHASH NAGAR CITY HOS , ALWAR - 301001 , Rajasthan , India  
 GSTIN : 08ACEPG9707G1ZL  
 PAN : ACEPG9707G  
 MO. NO. : 9983340249 , EMAIL : MLTRADING1227@GMAIL.COM

We certify that the material described below fully conform to **IS 1786:2008** Chemical Composition and mechanical properties of the product, as tested in accordance with the Scheme of Testing and Inspection contained and attached with the document for BIS Certification Marks License No.-**CM/L- 5399082** are as indicated below against each order.

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

**Test Results**

Order No. & Date	Section (Nominal Size) mm	Cast / Lot No.	Qty. (MT)	Date of Testing	CHEMICAL COMPOSITION						MECHANICAL PROPERTIES										
					% C	% S	% P	% S + P	% CE	Nitrogen Content %	0.2% Proof Stress/YS N/mm2	0.2% Proof Stress/YS N/mm2 (Max)	Tensile Strength N/mm2	TS / YS Ratio	% Elongation	% Total Elongation at maximum force	Bend Test	Rebend Test	Grade	REMARKS	
					Requirement	0.25 Max	0.040 Max	0.040 Max	0.075 Max	0.42 Max	0.012 Max	550 Min		600 Min	1.08 Min	14.50 Min	5 Min				
	T.M.T BARS - 10MM	120722	12.000	14.07.2022	0.200	0.022	0.033	0.055	0.326	0.009	562	592	676	1.173	19.03	8.59	OK	OK	Fe550D	SATISFACTORY	
	T.M.T BARS - 20MM	19072220	2.000	20.07.2022	0.200	0.023	0.033	0.056	0.328	0.009	563	604	683	1.174	19.10	8.35	OK	OK	Fe550D	SATISFACTORY	
	T.M.T BARS - 12MM	13072212	4.000	16.07.2022	0.210	0.022	0.032	0.054	0.333	0.009	564	593	683	1.177	19.19	8.48	OK	OK	Fe550D	SATISFACTORY	
	T.M.T BARS - 8MM	15072208	6.000	17.07.2022	0.200	0.022	0.033	0.055	0.327	0.008	564	593	683	1.177	19.28	8.52	OK	OK	Fe550D	SATISFACTORY	
	T.M.T BARS - 16MM	18072216	5.970	20.07.2022	0.200	0.022	0.033	0.055	0.329	0.009	565	604	685	1.172	19.06	8.58	OK	OK	Fe550D	SATISFACTORY	

(The Material supplied confirms to the standard Rolling and mass tolerances.)

**Surface Defects**

a.	Piping	<input checked="" type="checkbox"/>	Absent	<input type="checkbox"/>	Present
b.	Other Defects	<input checked="" type="checkbox"/>	Absent	<input type="checkbox"/>	Present

Remarks :SATISFACTORY  
 WAGON / LORRY :JH10CD5260  
 Invoice No. :DS1922318111  
 Date :21.07.2022

Quality Control Manager

SHYAM SEL AND POWER LTD.