



**BUREAU
VERITAS**

Test order / Report No. BVIPL / STEEL : ML/461/7/2017/3
Date of Receipt : 06-07-2017

Date : 10-07-2017
Page : 1

Global Ispaat Limited

M-18,19 and L- 16,Cuncolim Industrial estate,cuncolim, Salcete, Goa-403703

TEST REPORT ON REINFORCING STEEL

Source of sample : Sample supplied by the customer
No of Samples Tested : Three
Customer's Reference : Letter No. GIL/217/2017-18 dated 04.07.2017
Date of Test : 10-07-2017
Project* : Not furnished
Clients name* :
Brand Name* : MAGNA TMT
Conditions of sample : Satisfactory
Test Method : IS: 1608-2005 (Reaffirmed 2011), IS: 1599-1985 and IS:1786-2008

PHYSICAL PROPERTIES :

Sl.No	UIN	Identification*	Nominal Dia* (mm)	Mass (Wt.) (kg/m)	0.2% Proof Stress / Yield Stress (N/mm ²)	U T S (N/mm ²)	Elongation (%)	Bend Test	Rebend Test
1	17021547	Grade - Fe-550	12	0.867	607	694	25.0	PASSES	PASSES

Requirements as per IS : 1786 - 2008

Dia (mm)	Mass (wt.) (Kg/m) (Min.)	Dia (mm)	Mass (wt.) (Kg/m) (Min.)	Grade	0.2% Proof Stress (N/mm ²) (Min.)	U T S (N/mm ²) (Min.)	Elongation (%) (Min.)
8	0.363	20	2.366	Fe - 415	415	485 or 10% more than Actual Proof Stress whichever is higher	14.5
10	0.567	25	3.697	Fe - 500	500	545 or 8% more than Actual Proof Stress whichever is higher	12.0
12	0.834	28	4.638	Fe - 550	550	585 or 6% more than Actual Proof Stress whichever is higher	10.0
16	1.483	32	6.058				

* As furnished by the customer

Remarks : The tested samples conforming to IS:1786-2008 requirements for Fe-550 Grade with respect to Physical tests conducted.

- Note :**
1. The Results relate only to the samples tested
 2. Report shall not be reproduced, except in full, without the written approval of the lab.
 3. Any correction invalidates this report.

for **BUREAU VERITAS (INDIA) PRIVATE LIMITED**
Construction Services Laboratory

Soma Raviteja
10.07.2017
SOMA RAVITEJA
Engineer-LAB



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