



Laboratory Test Report

Dated: 28.03.2017

1. Test done for : Tech Nirman Ispat Private Limited
2. Reference No : Nil, Dated on 20.03.2017
3. Type of test : Physical Test of TMT Bar (Fe-500D) of TOPTECH Brand as Per IS 1786-2008.

Physical Test Results:-

Bar Dia (mm)	Unit Wt (Kg/m)		0.2% Proof stress/Yield Stress (N/mm ²)		Tensile Strength (N/mm ²)		Elongation (%)		Bend & Re-bend test
	Value Obtained	Standard	Value Obtained	Per-missible* (Min)	Value Obtained	Per-missible* (Min)	Value Obtained	Per-missible* (Min)	
08	0.380	0.395	573	500	625	565	22.50	16.00	O.K
10	0.607	0.617	624		668		21.67		O.K
12	0.857	0.888	535		642		25.00		O.K
16	1.558	1.580	557		657		18.75		O.K

(Tolerance for dia including and upto 10mm , over 10mm and including and upto 16mm and over 16mm nominal masses of $\pm 7\%$, $\pm 5\%$, $\pm 3\%$ respectively are allowable . *As per IS:1786-2008.

Note :- Tests were carried out on the sample sent by the Agency in sealed conditions.

Remarks: Samples were found to satisfy with the Physical Test Requirement as per IS: 1786-2008.


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Laboratory Test Report

Dated: 28.03.2017

- 1. Test done for** : Tech Nirman Ispat Private Limited
2. Reference No : Nil, Dated on 20.03.2017
3. Type of test : Chemical Test of TMT Bar (Fe-500D) of TOPTECH Brand
as Per IS 1786-2008.

Chemical Test Results:-

Bar Dia (mm)	Carbon as C (%)		Sulphur as S (%)		Phosphorus as P (%)		Sulphur & Phosphorus (%)	
	Value Obtained	Permissible* (max)	Value Obtained	Permissible* (max)	Value Obtained	Permissible* (max)	Value Obtained	Permissible* (max)
08	0.21	0.25	0.032	0.040	0.031	0.040	0.063	0.075
10	0.20		0.029		0.029			
12	0.19		0.026		0.027			
16	0.18		0.023		0.024			

*As per IS:1786-2008.

Note :- Tests were carried out on the sample sent by the Agency in sealed conditions.

Remarks: Samples were found to satisfy with the Chemical Test Requirement as per IS: 1786-2008.

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