



DEPARTMENT OF CIVIL ENGINEERING

Ref: CECON/2019/123

Dated: 09.07.2019

TEST REPORT OF STEEL
(Samples Supplied by the Client)

Client: M/s Maithan Steel & Power Limited
9, A.J.C. Bose Road
Ideal Centre, 6th Floor
Kolkata-700017

Sub: Laboratory Testing of TMT Bars

Ref: Your letter dated 18.06.2019

Sample: TMT BARS (Source: Maithan TMT 600)

Test Results:

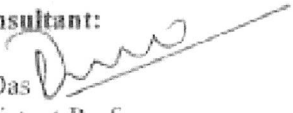
Grade of Steel: FE 600

Sl. No.	Brand Name	Size (mm)	Ultimate		0.2% Proof Stress (N/mm^2)	Bend	Re-bend
			Tensile Strength (N/mm^2)	% Elongation			
1.	MAITHAN TMT	TS 8 mm	736.10	27.50	636.60	Crack is not found	Fracture is not found
2.	Do	TS 10 mm	713.00	28.00	623.80	Do	Do
3.	Do	TS 12 mm	725.00	30.00	654.30	Do	Do
4.	Do	TS 16 mm	780.80	31.25	674.40	Do	Do

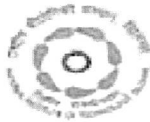
Terms and Condition

- Laboratories of NIT Silchar are not accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL).
- Tests are performed with the test facilities and resources available and accessible to NIT Silchar.
- Report relates only to the samples supplied by the agency and NIT Silchar is not responsible for any errors arising due to reasons beyond control of NIT Silchar.
- NIT Silchar is not responsible for Non-functioning of the equipments (fully or partly) on the field for whatever reasons.
- All Test reports/certificates are valid for a period of one year from the date of issue unless otherwise specified and are exclusively for the internal use of the agency which has asked to carry out testing /certification.
- Any dispute arising out of the contract between the agency and consultant is subject to the jurisdiction of Silchar court only.

Consultant:

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N.I.T. Silchar

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9, A.J.C. Bose Road
Ideal Centre, 6th Floor
Kolkata - 700017

Sub: Laboratory Testing of TMT Bars (Chemical Tests)

Sample: TMT Bars (8mm, 10mm, 12mm, 16mm Dia Bars) (Source: Maithan TMT 600)

Test Results:

Grade of Steel: FE 600

Diameter of Reinforcing Bars (mm)	Carbon (%)	Sulphur (%)	Phosphorous (%)	Sulphur & Phosphorous (%)	Remark
8	0.25	0.035	0.034	0.065	Values are within permissible limit.
10	0.23	0.034	0.035	0.064	
12	0.26	0.033	0.035	0.064	
16	0.25	0.035	0.033	0.066	

Result : All values are within Permissible Limit as per IS CODE : 1786 - 2008.

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Consultant:

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