



NABL ACCREDITED  
LABORATORY  
ISO/IEC 17024:2003  
CERTIFICATE No.  
T-0366/0396

# S. B. STEELS COMPANY

NABL/ACCREDITED, GOVT. REGISTERED (190162108303) &  
NIS APPROVED / ISO (9001) APPROVED METALLURGICAL TESTING LABORATORY

LABORATORY : 366/6, G. T. ROAD, BALLY, HOWRAH-711201 (W.B.)  
H. O. : 36, STRAND ROAD, 4TH FLOOR, ROOM NO. 16, KOLKATA-700001



Te. Lab. 9804 1858  
Fax Lab. 9803 2054-2145  
Ph. H.O. 2343 2017/1903  
Fax H.O. 0333 2343 1205

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## Test Report

SAMPLE RECD. ON 23.09.2015

ORDER REF. NO. X

dt. 23.09.2015

P.O. NO. X

TESTED ON 23.28.09.2015

T.C. NO. SP-56541/P-26343

DATE 29.09.2015

STAMPED NIL

SAMPLE DESCRIPTION 03 Nos 1 meter long length [approx] 8 mm dia TMT Bar

SPECIFICATION IS 1786 /08 Gr. Fe 600, Amndt.No.2, July 2013

ISSUED TO M/s. Malhan Steel & Power Ltd, Mouza Nakrajoria, P.O. & P.S. Salanpur, Burdwan-713357, WB

This is to certify that the above Sample[s] has/have been tested with the following results

### CHEMICAL TEST FOR Fe 600, Amndt.No.2 July 2013

By Spectro Analysis

Sl. No.	Test	Cl. Ref. No.	Test Value	Req. Value IS : 1786-2008 for Fe 600 Amndt.No.2, July 2013
1	Carbon%		0.2033	0.30 Max
2	Sulphur%		0.0215	0.040 Max
3	Phosphorus%		0.0086	0.040 Max
4	Sulphur + Phosphorus%		0.0301	0.075 Max
5	Carbon Equivalent%		0.4163	0.53 Max
6	Manganese%		1.2607	X
7	Nitrogen%		0.0010	0.012 Max
8	Chromium%	4.2	*0.0000	X
9	Copper%		*<0.0080	X
10	Nickel%		*<0.0100	X
11	Molybdenum%		0.0143	X
12	Titanium%		*<0.0080	0.30 Max
13	Vanadium%		*<0.0050	
14	Niobium%		*<0.0100	
15	Boron%		0.0034	

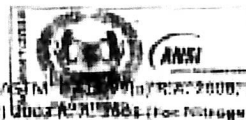
URI

CE% done on the basis of - C + Mn + Cr/Mo+V + Ni/Cu  
6 5 15

Remarks : The above test results obtained Confirms to the specified value

TEST WITNESS BY :

- \* ENVIRONMENTAL CONDITION
- \* ESTIMATED UNCERTAINTY (IF APPLICABLE) :
- \* SAMPLE NOT DRAWN BY US
- \* NON ACCREDITED BY NABL
- \* SPECIFICATION USED FOR TEST IS 278 (Pt 23) 2007 (For Nitrogen)
- \* TEST CERTIFICATE RELATES TO THE SAMPLE ONLY
- \* SAMPLE WILL BE CEASED IF NOT TAKEN BACK WITHIN 15 DAYS



For S. B. STEELS COMPANY

(Authorised Signatory)

TESTING FACILITIES APPROVED BY—LOYDS, BHEL, IIS, TRF, BHEL, NPL, IIS, DRPNCE, ARI (MILITARY) CESC, BIL, VSP, PCL, INDIAN, PCL, CLW, PWD, CPT, DGS & D, FKN, BALCO, BSO, M.T.P.C. WSEB, DSP, DEC, BITES, L & T, DATA EXPORT & OTHER INSPECTION AUTHORITIES

THE STATEMENT OF THE REPORT SHALL NOT BE REPRODUCED IN FULL/PART WITHOUT THE PRIOR WRITTEN CONSENT OF THE ISSUING AUTHORITY  
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