



NISST - Test Report



National Institute of Secondary Steel Technology

(Established by Ministry of Steel, Government of India)

An ISO 9001 : 2000 Organisation

NISST/MECH/502/08/6552

30.12.2008

TEST REPORT

(Test for the Mechanical Properties of samples as supplied)

1. Samples supplied by :M/s Aar Aar Casting Ltd,
Vill. Jharmajri, Barotiwala, Indl. Area
Baddi,
H.P
2. No. of samples & Material Details : Six no. of TMT bar sample of 8,10,12,16,20 & 25 mm Φ .
3. Samples received on : 17-12-08
4. Tested on : 18-12-08, 22-12-08 & 23-12-08
5. Results:

TENSILE PROPERIES:

Sl. No.	Sample No. as per NISST	Sample No. as per party	YS N/mm ²	TS N/mm ²	El %	Weight Kg/meter	Bend test	Re-bend test
i	MT/T/08/12/17/03	8 mm	492.79	600.77	22.5	0.389	O.K	O.K
ii	MT/T/08/12/17/04	10 mm	543.98	700.12	18	0.580	O.K	O.K
iii	MT/T/08/12/17/05	12 mm	444.91	545.70	18.33	0.871	O.K	O.K
iv	MT/T/08/12/17/06	16 mm	612.83	729.63	17.28	1.54	O.K	O.K
v	MT/T/08/12/17/07	20 mm	443.74	525.96	22.95	2.45	O.K	O.K
vi	MT/T/08/12/17/08	25 mm	448.04	571.96	29.03	3.74	O.K	O.K


(S P SINGH)
LAB. INCHARGE

- Note: 1.This test report in full or partially shall not be published, advertised or used any legal action unless prior permission has been obtained from lab incharge/Director, NISST
2. This test report is only for the sample tested

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