

BSL**SPECTRO LAB****METALLURGICAL TESTING CENTRE**

(NABL ACCREDITED LAB)

(An Unit of BSL Castings Pvt. Ltd.)

TEST REPORT**WORKS & OFFICE :**

PLOT NO. 263, SECTOR-24

FARIDABAD-121005 (INDIA)

Fax No. : +91-129-4065535

Ph. No. : 4065531, 4065532

E-mail : castings@bsltd.net

CERTIFICATE NO.
T - 1452 & T- 1453

BSL/SPECTRO/5.10F-01/01/00

ued to : M/s. Nov Sara India (P) Ltd.
7/1, Pritam Road, Unit - II
Dehra Dun - 248001

Report No. 112346

D.O.T. : 12.01.2009

Ref. No. Nil

D.O.R. : 10.01.2009

Sample Description

Sample No. - 2488, Heat No. - 810868, 6" M & F Fig 200

J.O. No. : 34782

RESULTS**Chemical Analysis**

Sample ID; J.O.No. - 34782/1

By Spectrometer (ASTM E1507;1998)

<u>Element</u>	<u>%</u>
Carbon	0.197
Silicon	0.175
Sulphur	0.023
Phosphorus	0.034
Manganese	0.542
Nickel	0.045
Chromium	0.102
Molybdenum	0.011
Vanadium	0.003
Copper	0.001
Tungsten	0.000
Cobalt	0.002
Aluminium	0.041
Titanium	0.008
Iron	98.81

Checked By

263,
SECTOR-24,
FARIDABAD

[Signature]

Authorised Signatory
(Q.M. / T.M.)

- te : 1. The result listed refer only to the tested samples and applicable parameters, Endorsement of product is neither inferred nor implied.
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Issued to :	M/s. Nov Sara India (P) Ltd. 7/1, Pritam Road, Unit - II Dehra Dun - 248001	Report No.	112347	D.O.T. :	12.01.2009
		Ref. No.	NIL	D.O.R. :	10.01.2009
Sample Description	Sample No. - 2488, Heat No. - 810868, 6" M & F Fig 100			J.O. No. :	34782

TEST RESULTS

Tensile Strength - N/mm ² (Psi)	526.34 (76339.30)
Yield Stress - N/mm ² (Psi)	334.10 (48457.20)
Elongation (%)	28.20
R.A. (%)	53.64
Hardness BHN	139

Protocol Used : ASTM A-370

Checked By
**Authorised Signatory
(Q.M. / T.M.)**

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