

BSL**SPECTRO LAB**

METALLURGICAL TESTING CENTRE
 (NABL ACCREDITED LAB)
 (An Unit of BSL Castings Pvt. Ltd.)

WORKS & OFFICE :
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CERTIFICATE NO.
 T - 1452 & T - 1453

TEST REPORT

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

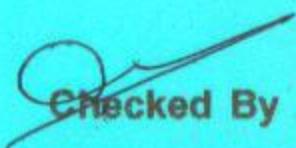
Address to :	M/s. Nov Sara India (P) Ltd. 7/1, Pritam Road, Unit - II Dehra Dun - 248001	Report No.	112346	D.O.T. :	12.01.2009
Sample Description	Sample No. - 2488, Heat No. - 810868, 6" M & F Fig 200	Ref. No.	Nil	D.O.R. :	10.01.2009
J.O. No. :					34782

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


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

Notes :

1. The result listed refer only to the tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
2. Total Liability of our Laboratory is limited to the invoiced amount. No liability will be accepted after the sample is taken back.
3. This report can not be used as an evidence in a court of law.
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BSL/SPECTRO/5.10F-01/01/00

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
Sample Description	Sample No. - 2488, Heat No. - 810868, 6" M & F Fig 100	Ref. No.	NIL	D.O.R. :	10.01.2009
				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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