

BSL**SPECTRO LAB**CERTIFICATE NO.
T - 1452 & T - 1453**METALLURGICAL TESTING CENTRE**

(An Unit of BSL Castings Pvt. Ltd.)

(NABL ACCREDITED LAB)

TEST REPORT

WORKS & OFFICE :
 PLOT NO. 263, SECTOR-24
 FARIDABAD-121005 (INDIA)
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BSL/SPECTRO/5.10F-01/01/00

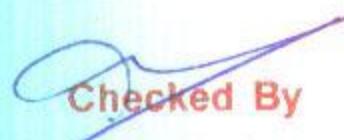
sued to :	M/s. Nov Sara India (P) Ltd. 7/1, Pritam Road, Unit - II Dehra Dun - 248001	Report No.	110719	D.O.T. :	12.12.2008
Sample Description	Sample No. - 2241, Heat No. - 810853, 6" Male 200	Ref. No.	NIL	D.O.R. :	09.12.2008
				J.O. No. :	34248

RESULTS**Chemical Analysis**

Sample ID; J.O.No. - 34248

By Spectrometer (ASTM E1507;1998)

<u>Element</u>	<u>%</u>
Carbon	0.186
Silicon	0.201
Sulphur	0.011
Phosphorus	0.022
Manganese	0.567
Nickel	0.014
Chromium	0.013
Molybdenum	0.000
Vanadium	0.000
Copper	0.003
Tungsten	0.000
Cobalt	0.001
Aluminium	0.021
Titanium	0.000
Iron	98.95



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

note : 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.
 4. Samples will be destroyed after 15 days.
 5. Any Complaints about this report should be communicated within 7 days of issue of this report.
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Issued to : M/s. Nov Sara India (P) Ltd. Report No. 110720 D.O.T. : 12.12.2008
 7/1, Pritam Road, Unit - II
 Dehra Dun - 248001 Ref. No. Nil D.O.R. : 09.12.2008
 Sample Description Sample No. - 2241, Heat No. - 810853, 6" Male 200 J.O. No. : 34248

TEST RESULTS

Tensile Strength - N/mm ² (Psi)	524.54 (76078.23)
Yield Stress - N/mm ² (Psi)	349.69 (50718.34)
Elongation (%)	32.00
R.A. (%)	57.29
Hardness BHN	137

Protocol Used : ASTM A-370



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