

BSL**SPECTRO LAB**

CERTIFICATE NO.
T - 1452 & T - 1453

& METALLURGICAL TESTING CENTRE

(NABL ACCREDITED LAB)
(A Unit of BSL Castings Pvt. Ltd.)

TEST REPORT

WORKS & OFFICE :
PLOT NO. 263, SECTOR-24
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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. 117168

D.O.T. : 07.04.2009

Ref. No. Nil

D.O.R. : 04.04.2009

Sample Description Sample No. - 3017, Heat No. - 810278, 6" M/F 100/200

J.O. No. : 36288

A-181

RESULTS

Chemical Analysis

By Spectrometer (ASTM E1507;1998)

Sample ID; J.O.No. - 36288/6

<u>Element</u>	<u>%</u>
Carbon	0.217
Silicon	0.135
Sulphur	0.013
Phosphorus	0.028
Manganese	0.496
Nickel	0.014
Chromium	0.002
Molybdenum	0.001
Vanadium	0.002
Copper	0.006
Tungsten	0.000
Cobalt	0.001
Aluminium	0.018
Titanium	0.000
Iron	99.06

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. *Not Covered under NABL Scope.
 4. This report can not be used as an evidence in a court of law.
 5. Samples will be destroyed after 15 days.
 6. Any Complaints about this report should be communicated within 7 days of issue of this report.
 7. This report shall not be reproduced except in full, without the written permission of the Laboratory.

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		Ref. No.	NIL	D.O.R. :	04.04.2009
Sample Description	Sample No. - 3017, Heat No. - 810278, 6" M/F 100/200	J.O. No. :	36288		

TEST RESULTS

Tensile Strength - N/mm ² (Psi)	484.78	(70311.52)
Yield Stress - N/mm ² (Psi)	318.47	(46190.25)
Elongation (%)	35.40	
R.A. (%)	54.90	
Hardness BHN	137	

Protocol Used : ASTM A-370

Checked By

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