

BSL**SPECTRO LAB**

CERTIFICATE NO.
T - 1452 & T - 1453

METALLURGICAL TESTING CENTRE

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

TEST REPORT

WORKS & OFFICE :

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

Issued to : M/s. Sara Sae Pvt. Ltd.
7/1, Pritam Road, Unit - II,
Dehra Dun - 248001

Report No. 16220

Ref. No. Nil

Sample Description : Sample No. - 8999, Heat No. - 3344, Dia - 50mm (FR163, 164)

D.O.T. : 13.12.2013

D.O.R. : 11.12.2013

J.O. No. : 4223

RESULTS

Chemical Analysis (Fe Base - LAS)

Protocol : ASTM E 415:2008 (By O.E.S)

Sample ID; J.O.No. - 4223/1

<u>Element</u>	<u>%</u>
Carbon	0.011
Silicon	0.362
Sulphur	0.002
Phosphorus	0.011
Manganese	0.806
Nickel	39.48
Chromium	22.56
Molybdenum	3.452
Vanadium	0.063
Copper	2.013
Tungsten	0.074
* Cobalt	0.029
Aluminium	0.002
* Lead	0.000
Titanium	1.092
* Boron	0.000
Iron	30.04

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.
 8. # Results found outside the range of NABL accredited scope.