

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 :

PLOT NO. 263, SECTOR-24,
FARIDABAD - 121 005 (INDIA)
Ph. No. : 0129-4189800
FAX No. : +91-129-4065535
E.mail : castings@bsltd.net

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

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

Report No. 210841

Ref. No. Nil

Sample No. - 8313, Heat No. - R-739, Round Dia - 56.0mm

D.O.T. : 09.03.2013

D.O.R. : 08.03.2013

J.O. No. : 64975

Sample Description. :

RESULTS

Chemical Analysis (Fe Base - SS)
Protocol : ASTM E 1086:2008 (By O.E.S)

Sample ID; J.O.No. - 64975/4

<u>Element</u>	<u>%</u>
Carbon	0.045
Silicon	0.513
Sulphur	0.013
Phosphorus	0.030
Manganese	1.395
Nickel	10.29
Chromium	16.64
Molybdenum	2.104
Copper	0.349
Tungsten	0.048
Cobalt	0.175
# Niobium	0.028
# Titanium	0.011

Checked By



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

- Note :**
- The result listed refer only to the tested samples and applicable parameters, Endorsement of product is neither inferred nor implied.
 - Total Liability of our Laboratory is limited to the invoiced amount. No liability will be accepted after the sample is taken back.
 - *Not Covered under NABL Scope.
 - This report can not be used as an evidence in a court of law.
 - Samples will be destroyed after 15 days.
 - Any Complaints about this report should be communicated within 7 days of issue of this report.
 - This report shall not be reproduced except in full, without the written permission of the Laboratory.
 - # Results found outside the range of NABL accredited scope.

PARVATI PVT. LIMITED

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Ph. : +91-11-47029900 (100 Lines), Fax : +91-11-47029922

TEST CERTIFICATE

TC No.: P-143

Date : 16.3.13

INVOICE NO: 478

Customer Name & Address :

M/S SARA SAE P.LTD
DEHRADUN

Supply Condition :

AS ROLLED

CHEMICAL ANALYSIS IN PERCENTAGE

H.NO	Grade	C	Si	Mn	P	S	Cr	Mo	Ni	N	Size	Pc	Weight	Colour Code
R-738	AISI-316	.055	.49	1.48	.037	.015	16.68	2.08	10.11	.0588	56MM	20	2045	BLUE
R-739	AISI-316	.056	.49	1.48	.037	.015	16.69	2.08	10.13	.0628	56MM	40	4120	BLUE
R-740	AISI-316	.056	.55	1.54	.035	.014	16.75	2.03	10.07	.0554	56MM	40	4090	BLUE

Manufacturing Route: Electric Induction Furnace

Ultrasonic testing as per ASTM A 388

Material is free from residual radioactive elements.

Lead not added during manufacturing.

We are Confirming that the Test Certificate findings are Correct & Results are as per Standard / Customer's Requirements.

Lab Incharge

Quality Controller