

BSL**SPECTRO LAB****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)

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E.mail : castings@bsltd.net

CERTIFICATE NO.
T - 1452 & T - 1453

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	D.O.T. :	09.03.2013
		Ref. No.	Nil	D.O.R. :	08.03.2013
		Sample No. - 8313, Heat No. - R-739, Round Dia - 56.0mm			64975
Sample Description. :				J.O. No. :	

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 :

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.

GE 7948

PARVATI PVT. LIMITED

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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


PARVATI PVT. LIMITED *
Quality Controller