

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.	203463	D.O.T. :	02.11.2012
		Ref. No.	Nil	D.O.R. :	01.11.2012
Sample Description. :	Sample No. - 8077, Round Dia - 56.0mm Heat No. - T-103			J.O. No. :	62931

RESULTS

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

Sample ID; J.O.No. - 62931/6

<u>Element</u>	<u>%</u>
Carbon	0.045
Silicon	0.381
Sulphur	0.010
Phosphorus	0.032
Manganese	1.045
Nickel	10.32
Chromium	16.03
Molybdenum	2.002
Copper	0.321
Tungsten	0.032
Cobalt	0.175
# Niobium	0.027
# Titanium	0.009

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.

**PSI****Paras Steel Industries****Test Certificate**

TC No : 25	Invoice No:214	Date : 03-11-2012
Customer Name and Address: Behind Radha Swami, Satsang Ghar, G.T. Road, Goraya		Sara Sae Pvt. Ltd., (Unit-IV)
Supply condition: As Round		


Chemical Analysis

Elements	C	Si	Mn	P	S	Cr	Mo	Ni	Nb	Heat No	Grade	Size	Colour
Result	.053	.44	1.18	.041	.012	16.42	2.03	10.02	.009	T-98	SS316	56mm	Red
Result	.062	.45	1.11	.039	.015	16.45	2.02	10.03	.008	T-99	SS316	56mm	Green
Result	.063	.45	1.17	.043	.015	16.52	2.01	10.03	.012	T-100	SS316	56mm	White
Result	.065	.46	1.17	.041	.014	16.43	2.03	10.06	.013	T-101	SS316	56mm	Pink
Result	.065	.48	1.16	.037	.012	16.64	2.04	10.05	.018	T-102	SS316	56mm	Blue/Green
Result	.061	.46	1.17	.041	.014	16.48	2.02	10.07	.017	T-103	SS316	56mm	Pink/Blue
Result	.054	.43	1.19	.040	.015	16.60	2.05	10.02	.015	U-2	SS316	40mm	Blue
Result	.056	.48	1.17	.041	.017	16.89	2.01	10.02	.019	U-3	SS316	40mm	Pink

Remarks:

- 1.** Manufacturing Route: Induction Furnace
- 2.** Material is free from residual radioactive elements.
- 3.** Lead not added during manufacturing.

We are confirming that test result findings are correct and results are as per standard/customers requirement.


Quality Incharge