



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.	207099	D.O.T. :	07.01.2013
		Ref. No.	Nil	D.O.R. :	
Sample Description. :	Sample No. - 8176, Heat No. - B-63, Dia - 56.0mm				07.01.2013
					J.O. No. : 63897

## RESULTS

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

Sample ID; J.O.No. - 63897/3

<u>Element</u>	<u>%</u>
Carbon	0.062
Silicon	0.442
Sulphur	0.015
Phosphorus	0.031
Manganese	0.995
Nickel	10.10
Chromium	17.34
Molybdenum	2.012
Copper	0.391
Tungsten	0.032
Cobalt	0.162
# Niobium	0.032
# 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.



**PSI**  
Paras Steel Industries

Test Certificate

TC No : 27	Invoice No:282	Date : 15-01-2013
Customer Name and Address:		Sara Sae Pvt. Ltd., (Unit-IV)
Behind Radha Swami, Satsang Ghar, G.T. Road, Goraya		

Supply condition: As Round

Chemical Analysis

Elements	C	Si	Mn	P	S	Cr	Mo	Ni	Nb	Heat No	PCS.	Weight	Grade	Size	Colour
Result	.062	.48	1.19	.04	.014	16.53	2.02	10.03	.019	B-11	50	2223	SS316	40mm	Green
Result	.071	.49	1.16	.03	.012	16.61	2.03	10.02	.019	B-12	50	2222	SS316	40mm	Red/White
Result	.060	.62	1.15	.03	.014	16.36	2.04	10.04	.024	B-63	23	2092	SS316	56mm	White
Result	.063	.49	1.16	.03	.016	16.28	2.04	10.05	.031	B-64	22	2005	SS316	56mm	Blue
Result	.064	.48	1.15	.03	.014	16.26	2.03	10.07	.021	B-65	23	2118	SS316	56mm	Red
Result	.066	.54	1.17	.03	.011	16.78	2.04	10.06	.017	B-67	22	1965	SS316	56mm	Pink
Result	.063	.51	1.18	.03	.010	16.82	2.03	10.08	.020	B-83	70	2190	SS316	32mm	Blue/White

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