



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  
Sample No. - 8319, Heat No. - I-71, Dia - 40mm

Report No. 211007  
Ref. No. Nil

D.O.T. : 13.03.2013  
D.O.R. : 11.03.2013  
J.O. No. : 65028

Sample Description. :

## RESULTS

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

Sample ID; J.O.No. - 65028/1

Element	%
Carbon	0.065
Silicon	0.462
Sulphur	0.014
Phosphorus	0.031
Manganese	1.152
Nickel	10.21
Chromium	16.68
Molybdenum	2.060
Copper	0.358
Tungsten	0.044
Cobalt	0.168
# Niobium	0.031
# Titanium	0.014

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**

Q.E. (8066)

### Test Certificate

TC No : 28	Invoice No:341	Date : 15-03-2013
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	PCS.	Weight	Grade	Size	Color
Result	.069	.49	1.15	.036	.013	16.23	2.01	10.04	.027	I-69	86	3275	SS316	40mm	Blue
Result	.065	.48	1.14	.037	.013	16.26	2.03	10.06	.028	I-70	86	3340	SS316	40mm	Pink
Result	.062	.50	1.18	.037	.013	16.38	2.02	10.01	.021	I-71	86	3360	SS316	40mm	Green

#### 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