

**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. 210585

Ref. No. Nil

Sample No. - 8286, Heat No. - I-17, Dia - 56.0mm

D.O.T. : 04.03.2013

D.O.R. : 04.03.2013

J.O. No. : 64891

Sample Description. :

## **RESULTS**

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

Sample ID; J.O.No. - 64891/4

<u>Element</u>	<u>%</u>
Carbon	0.059
Silicon	0.559
Sulphur	0.012
Phosphorus	0.026
Manganese	1.182
Nickel	10.02
Chromium	16.05
Molybdenum	2.056
Copper	0.338
Tungsten	0.046
Cobalt	0.179
# Niobium	0.037
# Titanium	0.015

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.

7845  
*[Signature]*

### Test Certificate

TC No : 27	Invoice No:330	Date : 11-03-2013
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	.056	.50	1.16	.037	.014	16.45	2.01	10.01	.024	I-14	36	3275	SS316	56mm	Blue
Result	.064	.56	1.16	.043	.018	16.40	2.01	10.01	.023	I-15	37	3340	SS316	56mm	Red
Result	.060	.51	1.11	.039	.022	16.55	2.02	10.01	.024	I-17	37	3360	SS316	56mm	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.

*[Signature]*  
**Quality Incharge**