

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-121005 (INDIA)
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Ph. No. : 0129-4189800
E-mail : castings@bsltd.net

BSL/SPECTRO/5.10F-01/01/00

Issued to : M/s. Nov Sara India (P) Ltd.
7/1, Pritam Road, Unit - I,
Dehra Dun - 248001

Report No. 200563

Ref. No. Nil

Sample No. - 7971, Heat No. - P-64, Ingot

D.O.T. : 13.09.2012

D.O.R. : 12.09.2012

J.O. No. : 62068

Sample Description

RESULTS

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

Sample ID; J.O.No. - 62068/2

<u>Element</u>	<u>%</u>
Carbon	0.030
Silicon	0.542
Sulphur	0.011
Phosphorus	0.033
Manganese	1.495
Nickel	10.17
Chromium	16.45
Molybdenum	2.119
Copper	0.356
Tungsten	0.046
Cobalt	0.196
# Niobium	0.031
Titanium	0.024

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.

PARVATI PVT. LIMITED

27, Rajasthani, Udyog Nagar, G.T.Karnal Road, Delhi-110033 INDIA
Ph. : +91-11-47029900 (100 Lines), Fax : +91-11-47029922

TEST CERTIFICATE

TC No.: P-123

Date : 13.9.12

INVOICE NO: 205

Customer Name & Address :

M/S SARA SAE P.LTD
DEHRADUN

Supply Condition :

AS CAST

CHEMICAL ANALYSIS IN PERCENTAGE

H.NO	Grade	C	Si	Mn	P	S	Cr	Mo	Ni	N	Size	Pc	Weight	Colour Code
P-57	AISI-316	.063	.51	1.51	.034	.016	16.64	2.02	10.09	.0580	4X5X44	48	5230	BLUE+BLACK
P-58	AISI-316	.066	.57	1.51	.033	.017	16.60	2.01	10.11	.0612	4X5X44	48	5230	BLUE+BROWN
P-60	AISI-316	.065	.53	1.51	.034	.014	16.78	2.05	10.22	.0724	4X5X44	48	5220	BLUE+PINK
P-64	AISI-316	.062	.49	1.49	.033	.015	16.65	2.09	10.14	.0574	4X5X44	49	5300	BLUE

Remarks :

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



Quality Controller