

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

Issued to : M/s. Nov Sara India (P) Ltd. Report No. 200563 D.O.T. : 13.09.2012
 7/1, Pritam Road, Unit - I,
 Dehra Dun - 248001 Ref. No. Nil D.O.R. : 12.09.2012
 Sample No. - 7971, Heat No. - P-64, Ingot 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 : 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.

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