

BSL**SPECTRO LAB**

CERTIFICATE NO.
T - 1452 & T- 1459

METALLURGICAL TESTING CENTRE

(A Unit of BSL Castings Pvt. Ltd.)

(NABL ACCREDITED LAB)

TEST REPORT

WORKS & OFFICE :

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BSL/SPECTRO/5.10E-01/01/00

Issued to :	M/s. Sara Sae (P) Ltd.	Report No.	16455	D.O.T. :	16.12.2013
	7/1, Pritam Road. Unit - II	Ref. No.		D.O.R. :	14.12.2013
	Dehra Dun - 248001		Nil	J.O. No. :	4278
Sample Description. :	Sample No. - 9008, Heat No. - R-798				

RESULTS

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

Sample ID; J.O.No. - 4278/2

<u>Element</u>	<u>%</u>
Carbon	0.060
Silicon	0.552
Sulphur	0.013
Phosphorus	0.032
Manganese	1.512
Nickel	10.31
Chromium	16.90
Molybdenum	2.175
Copper	0.337
Tungsten	0.042
Cobalt	0.197
* Niobium	0.045
Titanium	0.022

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.

12880

TEST CERTIFICATE

TC No.: P-199

Date : 16.11.13

INVOICE NO: 335

Customer Name & Address :

M/S SARA SAE P.LTD
DEHRADUN

Supply Condition :

☐ AS ROLLED

CHEMICAL ANALYSIS IN PERCENTAGE

H.NO	Grade	C	Si	Mn	P	S	Cr	Mo	Ni	N	SIZE	Pc	Weight	Colour Code
R-797	AISI-316	.064	.46	1.50	.030	.011	16.90	2.02	10.08	.0561	66 MM	30	4745	BLUE
R-798	AISI-316	.061	.48	1.53	.031	.013	16.78	2.04	10.11	.0542	66 MM	29	4530	BLUE

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

