



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. Sara Sae (P) Ltd.
7/1, Pritam Road, Unit - II
Dehra Dun - 248001

Report No. 210840

Ref. No. Nil

Sample Description. : Sample No. - 8312, Heat No. - R-738, Round Dia - 56.0mm

D.O.T. : 09.03.2013

D.O.R. : 08.03.2013

J.O. No. : 64975

RESULTS

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

Sample ID; J.O.No. - 64975/3

Element	%
Carbon	0.048
Silicon	0.514
Sulphur	0.015
Phosphorus	0.030
Manganese	1.432
Nickel	10.11
Chromium	16.63
Molybdenum	2.102
Copper	0.347
Tungsten	0.048
Cobalt	0.176
# Niobium	0.029
# Titanium	0.011

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.

TEST CERTIFICATE

TC No.: P-141

Date : 12.03.2013

INVOICE NO: 472

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-736	AISI-316	.074	.51	1.51	.035	.018	16.41	2.08	10.08	.0576	56MM	40	4140	BLUE
R-737	AISI-316	.061	.49	1.39	.038	.017	16.62	2.08	10.13	.0548	56MM	40	4135	BLUE
R-738	AISI-316	.055	.49	1.48	.037	.015	16.68	2.08	10.11	.0588	56MM	20	2075	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

