

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. Sara Sae (P) Ltd. Report No. 203322
7/1, Pritam Road, Unit - II Ref. No. Nil
Dehra Dun - 248001
Sample No. - 8084, Heat No. - D-2764D.O.T. : 31.10.2012
D.O.R. : 30.10.2012
J.O. No. : 62888

Sample Description

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

Sample ID; J.O.No. - 62888/1

<u>Element</u>	<u>%</u>
Carbon	0.050
Silicon	0.512
Sulphur	0.013
Phosphorus	0.030
Manganese	1.206
Nickel	10.17
Chromium	17.03
Molybdenum	2.132
Copper	0.326
Tungsten	0.040
Cobalt	0.178
# Niobium	0.035
# Titanium	0.011

Authorised Signatory
(Q.M. / T.M.)

Checked By

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.



8084

MATERIAL TEST CERTIFICATE

KESRI STEELS
LIMITED

CERTIFICATE NO.:	KSL-4021/12-13	CUSTOMER: M/S SARA SAE PVT LTD
DATE:	07.11.2012	JALANDHAR (PB)
HEAT NO.:	D 2764	
SPECIFICATION:	AISI 316	P.O NO. & DATE:
INVOICE NO. & DATE:	453, 07.11.12	2804, 23.10.12

SL. NO.	ITEM DESCRIPTION	QTY.
1	S S ROUND DIA 56 MM	80
	GRADE COLOR CODE(PINK)	6905 KG
	HEAT NO COLOR CODE (GREEN)	

8084

CHEMICAL COMPOSITION

PERCENT	REQD. MIN.	REQD. MAX	ACTUAL VALUE
C		0.080	0.071
Mn		2.00	1.26
Si		1.00	0.59
P		0.045	0.033
S		0.030	0.013
Cr	16.00	18.00	17.23
Ni	10.00	14.00	10.12
Mo	2.00	3.00	2.09
V			
Ti			
Cu			
Al			

REMARKS

The Steel has been made by Electric Furnace which is fully killed by Al & Si. It has fine grain structure.

PREPARED BY

HEAD OF THE DEPTT.



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