

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)
Fax No. : +91-129-4065535
Ph. No. : 0129-4189800
E-mail : castings@bsltd.net

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. 203322

D.O.T. : 31.10.2012

Ref. No. Nil

D.O.R. : 30.10.2012

J.O. No. : 62888

Sample No. - 8084, Heat No. - D-2764

Sample Description

RESULTS

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

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

Element	%
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

Checked By

263,
SECTOR-24,
FARIDABAD
BSL SPECTRO LAB & METALLURGICAL TESTING CENTRE
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.



#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: 2804, 23.10.12
INVOICE NO. & DATE:	453, 07.11.12	

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

6905 kg

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.

Registered Office :

G & JU - 26/1, Pitampura,
Delhi - 110034 (INDIA)

Telefax : + (91) 11 27343847

Works :

A - 350, Phase-I, Riico Industrial Area,
Bhimwadi, 201010, Raigarh (INDIA)

Phone : + (91) 1493 220142

WEB : WWW.KSL.IN