

BSL**SPECTRO LAB****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. : 4065531, 4065532

E-mail : castings@bsltd.net

CERTIFICATE NO.
T - 1452 & T - 1453

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

Issued to :

M/s. Nov Sara India (P) Ltd.

7/1, Pritam Road, Unit - I,

Dehra Dun - 248001

Report No.

139247

Ref. No.

Nil

D.O.T. :

17.03.2010

D.O.R. :

17.03.2010

Sample Description

Sample No. - 4469, Heat No. - 908009, Dia - 56.0mm

J.O. No. :

43125

RESULTS**Chemical Analysis**

Sample ID: J.O.No. - 43125/8

By Spectrometer (ASTM E1507;1998)

<u>Element</u>	<u>%</u>
Carbon	0.086
Silicon	0.174
Sulphur	0.013
Phosphorus	0.025
Manganese	0.379
Nickel	<0.05
Chromium	<0.05
Molybdenum	<0.05
Vanadium	<0.04
Copper	0.034
Tungsten	<0.02
Cobalt	<0.03
Aluminium	0.028
Magnesium	<0.01
Titanium	<0.02
Iron	99.18

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.



RASHTRIYA ISPAT NIGAM LIMITED

SAE1008

VISAKHAPATNAM STEEL PLANT

Quality Assurance & Technology Development Department, Visakhapatnam

TEST CERTIFICATE

Page: 1 of 1

Product/Size :	56 mm Round	Customer :
T.P.No. : QMS/R/QAD/DM/15/M0000697 - A	Ref: 31/07/2010	NOV SARA INDIA PVT. LTD. UNIT-II
Order No.	EMPC360008013	DEHRADUN
Invoice No.:	2010000355	
Wagon/Truck No.: HR37B 0467		Invoice Wt. (T): 24.910

HEAT NO	908009
No Of Pcs/Bundles	3
C %	0.07
Mn %	0.36
P %	0.021
S %	0.017
Si %	0.150
Al %	0.020
C.E. (IF APPLICABLE)	0.13
YS (N/mm ²)	244
UTS (N/mm ²)	377
DEL	24
%RA	NA
OTHERS	NA
BEND TEST	NA
GRADE	SAE1008

AVERAGE WEIGHT OF EACH BUNDLE IS 8.303 TONS APPROXIMATELY

The material supplied conform to the standard rolling and weight tolerances.

RASHTRIYA ISPAT NIGAM LTD.
GOVT. OF INDIA ENTERPRISE
1st Floor, 27-E.C. ROAD
DEHRADUN-248 001