

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. : 4065531, 4065532

E-mail : castings@bsltd.net

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

Client : M/s. Nov Sara India (P) Ltd.
Address : 7/1, Pritam Road, Unit - II,
Dehra Dun - 248001

Report No. 121167
Ref. No. Nil
Sample No. - 3377, Heat No - 809968

D.O.T. : 18.06.2009
D.O.R. : 16.06.2009
J.O. No. : 37468

Sample Description

RESULTS

Chemical Analysis

By Spectrometer (ASTM E1507:1998)

Sample ID; J.O.No. - 37468/5

<u>Element</u>	<u>%</u>
Carbon	0.074
Silicon	0.161
Sulphur	0.013
Phosphorus	0.018
Manganese	0.476
Nickel	0.008
Chromium	0.001
Molybdenum	0.002
Vanadium	0.000
Copper	0.002
Tungsten	0.000
Cobalt	0.000
Aluminium	0.092
Titanium	0.000
Iron	99.14

Checked By

263,
SECTOR-24,
FARIDABAD

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

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

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TEST CERTIFICATE

Product/Size :	90X90 mm Billets	Customer :	
Q.No.: QMS/R/QAD/RM/20/M003/98 - 4	Dt. 31/08/2009	NOV SARA INDIA PVT. LTD. UNIT-II	
Order No.	EMSB268008015	DEHRADUN	
Invoice No.:	2009000935		
Wagon/Truck No.: HR58 0061		Invoice Wt. (T):	39.050

HEAT NO	809968
NO. of Pcs/Bundles	4
C %	0.05
Mn %	0.42
P %	0.016
S %	0.018
Si %	0.170
Al %	0.029
C.E. (IF APPLICABLE)	0.12
YS (N/mm ²)	NA
UTS (N/mm ²)	NA
%EL	NA
%RA	NA
OTHERS	NA
BEND TEST	
GRADE	SAE1008

AVERAGE WEIGHT OF EACH BUNDLE IS 9.763 TONS APPROXIMATELY

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

FOR ROD (QA & TD)
RASHTRIYA ISPAT NIGAM LTD.
 (A GOVT. OF INDIA ENTERPRISE)
 1st Floor, 27-E.C. ROAD
 DEHRADUN-248001