

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.
1452 & T- 1453

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

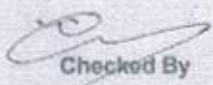
Address to:	M/s. Nov Sara India (P) Ltd.	Report No.	125847	D.O.T. :	14.09.2009
	7/1, Pritam Road, Unit - II	Ref. No.	NIL	D.O.R. :	14.09.2009
	Dehra Dun - 248001			J.O. No. :	38871
Sample Description	SS Sample No. - 3698 (A), Heat No. - 810483				

RESULTS**Chemical Analysis**

Sample ID, J.O.No. - 38871/1

By Spectrometer (ASTM E1507,1998)

<u>Element</u>	<u>%</u>
Carbon	0.068
Silicon	0.173
Sulphur	0.013
Phosphorus	0.022
Manganese	0.402
Nickel	<0.05
Chromium	<0.05
Molybdenum	<0.05
Vanadium	<0.04
Copper	<0.01
Tungsten	<0.02
Cobalt	<0.03
Aluminium	0.034
Magnesium	<0.01
Titanium	<0.02
Iron	99.23



Checked By

 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.

TEST CERTIFICATE

Product/Size :	90X90 mm Billets	Customer :
C.No.: QMS/R/QAD/RM/20/M004093 - 3	Dt. 10/08/2009	NOV SARA INDIA PVT. LTD. UNIT-II
Order No. EMSB268008013		DEHRADUN
Invoice No.: 2009000769		
Wagon/Truck No.: HN04N 1233		Invoice Wt. (T): 29.610

HEAT NO	810483
No Of Pcs/Bundles	3
C %	0.06
Mn %	0.45
P %	0.037
S %	0.025
Si %	0.210
Al %	0.079
C.E. (IF APPLICABLE)	0.14
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 9.870 TONS APPROXIMATELY

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

RASHTRIYA ISPAT NIGAM LTD.
 VISAKHAPATNAM STEEL PLANT
 1st Floor, 27-E.C. ROAD
 DEHRADUN-248 001