



# SPAN FORGING PVT. LTD.

Manufacturers of : Steel Forging, CNC Turned Components & Gears

Works : Village - Tatarpur (Near Prithla) Teh. Palwal, Distt. Faridabad, Cell : 9810010535

Ref. No. SF-64

Date 03-01-11

## TEST REPORT

Issued to: M/s Nov Sara India Pvt Ltd.  
7/1, Pritam Road, Unit-II  
Dehradun-248001

Report No.

64

D..O.T.

29-12-10

D..O.R

3/1/2011

Sample Description

Billet 90x90mm

Sample No.

5509

Heat No.

9386

## RESULTS

Chemical Analysis  
By Spectrometer

Sample ID

J.O No.

Element	%
Carbon	0.0593
Silicon	0.151
Sulphur	0.0283
Phosphorus	0.0124
Manganese	0.342
Nickel	0.011
Chromium	0.0065
Molybdenum	0.002
Vanadium	0.00074
Copper	0.0021
Tungsten	0
Cobalt	0.0036
Aluminium	0.0085
Titanium	0.001
Iron	99.30

Checked By  
Arun Mishra



Autorised 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. The report can not be used as an evidence in a court of law.
4. Samples will be destroyed after 15 days.
5. Any Complaints about this report should be communicated within 7 days of issue of this report.
6. This report shall not be reproduced except in full, without the written permission of the Laboratory.
7. \*Not Covered under NABL Scope.



VISAKHAPATNAM STEEL PLANT

Quality Assurance &amp; Technology Development Department, Visakhapatnam

## TEST CERTIFICATE

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Product/Size :	90X90 mm Billets	Customer :
T.C.No.: QMS/R/QAD/RM/20/M0046/8 - 1	Dt. 23/11/2010	NOV SARA INDIA PVT. LTD. UNIT-II
Order No. EMSB376010006		DEHRADUN
Invoice No.: 2010000993		
Wagon/Truck No.: HR37B 0267		Invoice Wt.(T): 12.500

HEAT NO	009386
No. of Pcs/Bundles	1
C %	0.05
Mn %	0.40
P %	0.025
S %	0.019
Si %	0.220
Al %	0.029
C.E. (IF APPLICABLE)	0.12
YS (N/mm <sup>2</sup> )	NA
UTS ( N/mm <sup>2</sup> )	NA
%EL	NA
%RA	NA
OTHERS	NA
BEND TEST	
GRADE	SAE1008

AVERAGE WEIGHT OF EACH BUNDLE IS 12.500 TONS APPROXIMATELY

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

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