



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. SP/54

Date 28/12/10

TEST REPORT

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

Report No.

54

D.O.T.

24-12-10

D.O.R

28-12-10

Sample Description

T.S.

Sample No.

5497

Heat No.

9406

RESULTS

Chemical Analysis
By Spectrometer

Sample ID

J.O No.

| Element | % |
|------------|---------|
| Carbon | 0.0745 |
| Silicon | 0.211 |
| Sulphur | 0.0257 |
| Phosphorus | 0.026 |
| Manganese | 0.416 |
| Nickel | 0.0115 |
| Chromium | 0.0108 |
| Molybdenum | 0.002 |
| Vanadium | 0.00081 |
| Copper | 0.0021 |
| Tungsten | 0 |
| Cobalt | 0.0039 |
| Aluminium | 0.0231 |
| Titanium | 0.001 |
| Iron | 99.10 |

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.

RASHTRIYA ISPAT NIGAM LIMITED

VISAKHAPATNAM STEEL PLANT

Quality Assurance & Technology Development Department, Visakhapatnam

TEST CERTIFICATE

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| | | |
|--------------------------------------|------------------|----------------------------------|
| Product/Size : | 90X90 mm Billets | Customer : |
| T.C.No.: QMS/R/QAD/RM/20/M004678 - 2 | Dt. 30/11/2010 | NOV SARA INDIA PVT. LTD. UNIT-II |
| Order No. EMSB376010006 | | DEHRADUN |
| Invoice No.: 2010001087 | | |
| Wagon/Truck No.: PB08AS7167 | | Invoice Wt. (T): 16.030 |

| | |
|--------------------------|---------|
| HEAT NO | 009406 |
| No. of Bundles | 2 |
| C % | 0.07 |
| Mn % | 0.48 |
| P % | 0.017 |
| S % | 0.016 |
| Si % | 0.200 |
| Al % | 0.020 |
| C.E. (IF APPLICABLE) | 0.15 |
| YS (N/mm ²) | NA |
| UTS (N/mm ²) | NA |
| SEL | NA |
| SKA | NA |
| OTHERS | NA |
| TEST | |
| GRADE | SAE1008 |

AVERAGE WEIGHT OF EACH BUNDLE IS 8.015 TONS APPROXIMATELY
 The material supplied conform to the standard rolling and weight tolerances.

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