



# SPAN FORGING PVT. LTD.

Manufacturers of : Steel Forging, CNC Turned Components & Gears

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

## TEST REPORT

|                                         |            |           |
|-----------------------------------------|------------|-----------|
| Ref No.                                 | Report No. | Date..... |
| Issued to: M/s Nov Sara India Pvt. Ltd. | 839        | D..O.T.   |
| A/2 Sara Industrial Estate Ltd.         |            | 2/9/2011  |
| Chakrata Road, Rampur -                 |            | D..O.R    |
| Selaqui Dehradun-248001                 |            | 2/9/2011  |
| Sample Description                      | Sample No. | Heat No.  |
| RCS-90                                  | 6635       | 103874    |

## RESULTS

Chemical Analysis  
By Spectrometer

Sample ID  J.O No.

| Element    | %       |
|------------|---------|
| Carbon     | 0.0897  |
| Silicon    | 0.254   |
| Sulphur    | 0.026   |
| Phosphorus | 0.0104  |
| Manganese  | 0.348   |
| Nickel     | 0.0127  |
| Chromium   | 0.0066  |
| Molybdenum | 0.002   |
| Vanadium   | 0.00069 |
| Copper     | 0.0041  |
| Tungsten   | 0       |
| Cobalt     | 0.0044  |
| Aluminium  | 0.0452  |
| 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 with in 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

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## TEST CERTIFICATE

|                                      |                  |                                  |
|--------------------------------------|------------------|----------------------------------|
| Product/Size :                       | 90X90 mm Billets | Customer :                       |
| T.C.No.: QMS/R/QAD/RM/20/M002521 - 4 | Dt. 26/08/2011   | NOV SARA INDIA PVT. LTD. UNIT-II |
| Order No. EMSE376010017              |                  | DEHRADUN                         |
| Invoice No.: 2011000920              |                  |                                  |
| Wagon/Truck No.: PR10AZ6377          |                  | Invoice Wt. (T): 0.290           |

|                          |         |
|--------------------------|---------|
| HEAT NO                  | 103871  |
| No. of<br>Pcs/Bundles    | 1       |
| C %                      | 0.06    |
| Mn %                     | 0.35    |
| P %                      | 0.012   |
| S %                      | 0.029   |
| Si %                     | 0.230   |
| Al %                     | 0.029   |
| C.E.<br>(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 0.290 TONS APPROXIMATELY

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

for HOD(QA & TD)  
Visakhapatnam Steel Plant

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