



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.....

Date.....

TEST REPORT

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

Report No.

200

D.O.T.

6/5/2011

D.O.R

5/12/2011

Sample Description

AISI-1008

Sample No.

006015

Heat No.

S-307-A

RESULTS

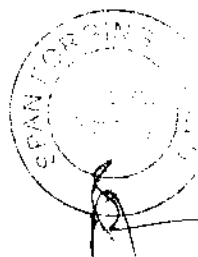
Chemical Analysis
By Spectrometer

Sample ID

J.O No.

<u>Element</u>	<u>%</u>
Carbon	0.0519
Silicon	0.148
Sulphur	0.0376
Phosphorus	0.0269
Manganese	0.362
Nickel	0.0075
Chromium	0.0084
Molybdenum	0.002
Vanadium	0.0014
Copper	0.001
Tungsten	0
Cobalt	0.003
Aluminium	0.0224
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.



SHARU STEELS (P) LTD.

B-48 & D-251, Phase-VII, Focal Point, LUDHIANA - 141 010.
E-mail : info@sharusteels.com & sharusteels@connect2.dsl.net

QUALITY ASSURANCE DEPARTMENT
METALLURGICAL TEST REPORT

F-QCD-03



TEST CERTIFICATE

M/S. NOV SARA INDIA PRIVATE LIMITED (UNIT NO.-II)7/1,PRITAM ROAD, DEHRADUN UTTARAKHAND	T.C. No. 0500 Invoice No. Truck No. M.P.09HF.8633	Date 09-05-2011
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GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY COND.N.	QNTY. M.T.	NO. OF PCS.
AISI1008	34X34 MM	S-307	L/HT	GREY	AS ROLLED	4.035	LOOSE

CHEMICAL COMPOSITION IN PERCENTAGE

	C	Mn	S	P	Si	Ni	Cr	Mo	V	Al	Cu	Sn	Ti	B	Ca
Max.															
Actual	0.09	0.48	0.034	0.032	0.21					0.023					

METALLURGICAL RESULTS

INCLUSION RATING IS : 4163/JK CHART/ASTM E-45A									Aust. Grain Size ASTM No. (E-112)	7	Gas content (ppm)	
A		B		C		D			Decarb. (MM)		O ₂	
T	H	T	H	T	H	T	H				N ₂	
STD									Micro-Structure	OK	H ₂	
MAX												
ACTUAL	1.5		1.0		1.0		1.5					

MECHANICAL PROPERTIES

	U.T.S.	Y.S.	EL %	RA %	Impact Value	Hardness B.H.N. / Rb	ULTRASONIC TEST	MIX UP TEST
Reqd.							OK	OK
Actual								

HARDENABILITY (HRC) AS PER IS : 3848

Distance										
Reqd.										
Actual										

Remarks :