



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.

245

D.O.T.

6/5/2011

D.O.R

5/12/2011

Sample Description

AISI-1008

Sample No.

006030

Heat No.

S-362-A

RESULTS

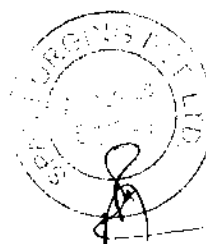
Chemical Analysis
By Spectrometer

Sample ID

J.O No.

Element	%
Carbon	0.052
Silicon	0.163
Sulphur	0.0373
Phosphorus	0.0215
Manganese	0.35
Nickel	0.0103
Chromium	0.0075
Molybdenum	0.002
Vanadium	0.0011
Copper	0.0014
Tungsten	0
Cobalt	0.0035
Aluminium	0.0218
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 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.

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



SHARU

TEST CERTIFICATE

M/S. NOV SARA INDIA PRIVATE LIMITED (UNIT NO.-II)7/1,PRITAM ROAD, DEHRADUN UTTARAKHAND	T.C. No. 1042 Invoice No. 0722 Truck No. PB10X-9720	Date 24-06-2011
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GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY COND.N.	QNTY. M.T.	NO. OF PCS.
AISI-1008	56 MM	S-362	L/HT	ORANGE	AS ROLLED	7.965	L003E

CHEMICAL COMPOSITION IN PERCENTAGE

	C	Mn	S	P	Si	Ni	Cr	Mo	V	Al	Cu	Sn	Ti	B	Ca
Min.	-														
Max.	-														
Actual	0.09	0.50	0.024	0.034	0.18					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 MAX										Micro-Structure		H ₂	
ACTUAL	1.5		1.0		1.0		1.5				OK		

MECHANICAL PROPERTIES							MACRO	ULTRASONIC TEST	MIX UP TEST
	U.T.S.	Y.S.	EL %	RA %	Impact Value	Hardness B.H.N. / R _b			
Reqd.							OK	OK	OK
Actual									

HARDENABILITY (HRC) AS PER IS : 3848

Distance											
Regd.											
Actual											

Remarks :

CERTIFIED THAT THE TEST FINDINGS ARE CORRECT & ARE BASED ON ACTUAL RESULTS CARRIED OUT ON SAMPLES DRAWN AS PER Q.A.P.

PREPARED BY

C. Singh
AUTHORISED SIGNATORY