



SPAN FORGING PVT. LTD.

Manufacturers of : Steel Forging, CNC Turned Components & Gears

Works : Village - Tatarpur (Near Prithia) 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. <input type="text" value="236"/>	D.O.T. <input type="text" value="6/5/2011"/>
Sample Description <input type="text" value="AISI-1008"/>	Sample No. <input type="text" value="006027"/>	D.O.R <input type="text" value="5/12/2011"/>
		Heat No. <input type="text" value="S-351-A"/>

RESULTS

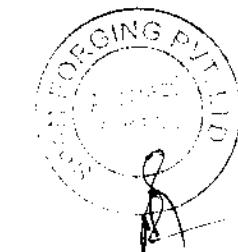
Chemical Analysis
By Spectrometer

Sample ID

J.O No.

Element	%
Carbon	0.0541
Silicon	0.193
Sulphur	0.0393
Phosphorus	0.0203
Manganese	0.358
Nickel	0.0096
Chromium	0.008
Molybdenum	0.002
Vanadium	0.0015
Copper	0.0011
Tungsten	0
Cobalt	0.0038
Aluminium	0.022
Titanium	0.001
Iron	99.20

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



ISO 9001-2008

ISO 14001-2004

TEST CERTIFICATE

M/S. NOV SARA INDIA PVT.LTD.
UNIT-III, A/2 CHAKRATA ROAD
RAMPUR, SELAQUI,

DEHRADUN-248 197

T.C. No. 2545

Date 05-11-2011

Invoice No.

Truck No. PB-236-969/

GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY CONDN.	QNTY. M.T.	NO. OF PCS.
SAE1008	30X30 MM	S 351	L/HT	ORANGE	AS ROLLED	7810	LOOSE

CHEMICAL COMPOSITION IN PERCENTAGE

	C	Mn	S	P	Si	Ni	Cr	Mo	V	Al	Cu	Sn	Ti	B	Ca
Min.	-														
Max.	-														
Actual	0.08	0.46	0.026	0.032	0.15				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			
STD MAX											N ₂
ACTUAL	1.5		1.0		1.5		1.0				H ₂

MECHANICAL PROPERTIES

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

HARDENABILITY (HRC) AS PER IS : 3848

Distance									
Regd.									
Actual									

Remarks :