



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.
487

D.O.T.
6/6/2011

D.O.R.
5/6/2011

Sample Description
1008

Sample No.
6256-A
6255

Heat No.
S-672-A

RESULTS

Chemical Analysis
By Spectrometer

Sample ID

J.O No.

Element	%
Carbon	0.0491 ✓
Silicon	0.163 ✓
Sulphur	0.023 ✓
Phosphorus	0.0247 ✓
Manganese	0.393 ✓
Nickel	0.0102
Chromium	0.0068
Molybdenum	0.002
Vanadium	0.0006
Copper	0.0024
Tungsten	0
Cobalt	0.0036
Aluminium	0.0209
Titanium	0.001
Iron	99.30

0.163
1008



Autorised Signatory
(Q.M / T.M)

Checked By
Arun Mishra

Arun Mishra

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

TEST CERTIFICATE

F-QCD-03



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. FBIAP-9094

GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY COND.N.	QNTY. M.T.	NO. OF PCS.
SAE1008	30X30 MM	S 672	L/HT	WHITE	AS ROLLED	2333	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	0.45	0.024	0.028	0.15					0.020					

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	OK	H ₂	
ACTUAL	1.0		1.5		1.0		1.5					

MECHANICAL PROPERTIES

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

HARDENABILITY (HRC) AS PER IS : 3848

Distance									
Regd.									
Actual									

Remarks :

