



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. 496	D.O.T. 6/6/2011
		D.O.R 5/6/2011
Sample Description 1008	Sample No. 6259-A 6233	Heat No. S-680-A

RESULTS

Chemical Analysis
By Spectrometer

Sample ID

J.O No.

Element	%
Carbon	0.0525
Silicon	0.148
Sulphur	0.023
Phosphorus	0.0243
Manganese	0.392
Nickel	0.0112
Chromium	0.0067
Molybdenum	0.002
Vanadium	0.0005
Copper	0.0023
Tungsten	0
Cobalt	0.0034
Aluminium	0.0211
Titanium	0.001
Iron	99.30



Authorised 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 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-46 & D-251, Phaso-VII, Focal Point, LUDHIANA - 141 010.
E-mail : Info@sharusteels.com & sharusteels@connect2.dsl.net

QUALITY ASSURANCE DEPARTMENT METALLURGICAL TEST REPORT

TEST CERTIFICATE



Date : 14.01.2012

M/S. CARA ONE PRIVATE LIMITED DIVISION-II
A-2 CARA INDUSTRIAL ESTATE LTD.
CHAMRATA ROAD, BOKAQUI RAHPUR
CEHARAU, UTTARAKHAND

T.C. No. 3245

Invoice No. 2312

Truck No. HR-376-5597

GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY CONDN.	QNTY. M.T.	NO. OF PCS.
AISI-1008	45 MM	0-688	L/H	ORANGE	AS ROLLED	7395	1000

CHEMICAL COMPOSITION IN PERCENTAGE

	C	Mn	S	P	Si	Ni	Cr	Mo	V	Al	Cu	Sn	Ti	B	Ca
Min.															
Max.															
Actual	0.07	0.43	0.031	0.035	0.15					0.021					

METALLURGICAL RESULTS

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

MECHANICAL PROPERTIES

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

HARDENABILITY (HRC) AS PER IS : 3648

Distance									
Regd.									
Actual									

Remarks :