



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.

233

D.O.T.

6/5/2011

D.O.R

5/12/2011

Sample Description

AISI-1008

Sample No.

006026

Heat No.

S-346-A

RESULTS

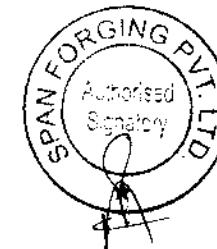
Chemical Analysis
By Spectrometer

Sample ID

J.O No.

Element	%
Carbon	0.0534
Silicon	0.173
Sulphur	0.0412
Phosphorus	0.0247
Manganese	0.362
Nickel	0.0099
Chromium	0.008
Molybdenum	0.002
Vanadium	0.0013
Copper	0.001
Tungsten	0
Cobalt	0.0034
Aluminium	0.0219
Titanium	0.001
Iron	99.20

Checked By
Arun Mishra



Authorised 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. SARA SAE PRIVATE LIMITED DIVISION-II A-2 SARA INDUSTRIAL ESTATE LTD. CHAKRATA ROAD, SELAQUI RAMPUR DEHRADUN (UTTRAKHAND)	T.C. No. 3522 Invoice No. 2513 Truck No. PB19E-9897	Date 08-02-2012
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GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY CONDN	QNTY. M.T.	NO. OF PCS.
ISI-T-1000	56 MM	S-346	L/IIT	YELLOW	AS ROLLED	0.700 MT	LOOSE

CHEMICAL COMPOSITION IN PERCENTAGE

	C	Mn	S	P	Si	Ni	Cr	Mo	V	Al	Cu	Sn	Ti	B	Ca
Min.	-														
Max.	-														
Actual	0.49	0.45	0.022	0.034	0.17					0.030					

METALLURGICAL RESULTS

STD MAX	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	N ₂		
	T	H	T	H	T	H	T	H							
ACTUAL	1.0		1.5		1.0		1.5		OK	OK	OK	H ₂			

MECHANICAL PROPERTIES						MACRO	ULTRASONIC TEST	MIX UP TEST
U.T.S.	Y.S.	EL %	RA %	Impact Value	Hardness B.H.N. / R ₈			
Reqd.								
Actual						OK	OK	OK

HARDENABILITY (HRC) AS PER IS : 3848

Distance								
Reqd.								
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	S. Singh AUTORISED SIGNATORY
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