



SPAN FORGING PVT. LTD.

Manufacturers of : Steel Forging, CNC Turned Components & Gears

Works : Village - Tatarpur (Near Prithla) Teh. Palwal, Distt. Faridabad, Cell : 9810010535

TEST REPORT

Ref. No.	Report No.	Date.....
Issued to: M/s Nov Sara India Pvt. Ltd. A/2Sara Industrial Estate Ltd. Chakrata Road, Rampur - Selaqui Dehradun-248001	720	11/8/2011
		D.O.R
		10/8/2011
Sample Description AISI-1008	Sample No. 6554-A	Heat No. S-185-A

RESULTS

Chemical Analysis
By Spectrometer

Sample ID J.O No.

Element	%
Carbon	0.0812
Silicon	0.238
Sulphur	0.0349
Phosphorus	0.0298
Manganese	0.441
Nickel	0.0412
Chromium	0.131
Molybdenum	0.0093
Vanadium	0.0029
Copper	0.0505
Tungsten	0
Cobalt	0.0061
Aluminium	0.0158
Titanium	0.0015
Iron	98.90

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, LUOHIANA - 141 010.
 E-mail : Info@sharusteels.com & sharusteels@connect2.dsl.net
 QUALITY ASSURANCE DEPARTMENT
 METALLURGICAL TEST REPORT

F-QCD-03



TEST CERTIFICATE

M/S. HOW SARA INDIA PRIVATE LIMITED (UNIT NO.-II)7/1,PRITAM ROAD, DEHRADUN UTTAKRAN						T.C. NO. 2941	Date 06-12-2011								
						Invoice No. 2065									
						Truck No. PB10CF 6557									
GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE		COLOUR CODE	SUPPLY CONDN.		QNTY. M.T.	NO. OF PCS.						
AISI-1008	68 MM	S-185	L/ST		BLUE	AS ROLLED		6630	LODGE						
CHEMICAL COMPOSITION IN PERCENTAGE															
	C	Mn	S	P	Si	Ni	Cr	Mo	V	Al	Cu	Sn	Ti	B	Ca
Min.	-														
Max.	-														
Actual	0.08	0.41	0.020	0.018	0.15				0.021						
METALLURGICAL RESULTS															
INCLUSION RATING IS : 4163/JK CHART/ASTM E-45A										Aust. Grain Size ASTM No. (E-112)	J	Gas content (ppm)			
STD MAX	A		B		C		D		Decarb. (MM)	Micro-Structure	OK	O ₂			
	T	H	T	H	T	H	T	H				N ₂			
	ACTUAL	1.0	1.0	1.0	1.0	1.5						H ₂			
MECHANICAL PROPERTIES										MACRO	ULTRASONIC TEST	MIX UP TEST			
Reqd.	U.T.S.	Y.S.	EL %	RA %	Impact Value	Hardness B.H.N. / R ₉	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

Chanchal
AUTHORIZED SIGNATORY