



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.	D.O.T. Date.....
Issued to: M/sNov Sara India Pvt.Ltd. A/2Sara Industrial Estate Ltd. Chakrata Road, Rampur - Selaqui Dehradun-248001	729	11/8/2011
Sample Description AISI-1008	Sample No. 6557-A	D.O.R 10/8/2011
		Heat No. S-194-A

RESULTS

Chemical Analysis
By Spectrometer

Sample ID

J.O No.

Element	%
Carbon	0.0797
Silicon	0.246
Sulphur	0.0351
Phosphorus	0.0315
Manganese	0.443
Nickel	0.0419
Chromium	0.132
Molybdenum	0.0095
Vanadium	0.0033
Copper	0.051
Tungsten	0
Cobalt	0.0062
Aluminium	0.0172
Titanium	0.0017
Iron	98.80

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 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-46 & 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. SARA GAN PRIVATE LIMITED DIVISION 22 A 2 SARA INDUSTRIAL ESTATE LTD. CHANDI ROAD, CHANDI CAMPUS DEBARAH (VITTALWAD)	T.C. No. 2247 Date 28.02.2022 Invoice No. 2314 Truck No. HR37-C-5597
---	---

GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY COND.	QNTY. M.T.	NO. OF PCS.
AISI-1008	45 MM	0174	L/RT	WHITE	AS ROLLED	8075	10000

CHEMICAL COMPOSITION IN PERCENTAGE

	C	Mn	S	P	Si	Ni	Cr	Mo	V	Al	Cu	Sn	Ti	B	Ca
Min.															
Max.															
Actual**	0.18	0.42	0.005	0.004	0.10					0.005					

METALLURGICAL RESULTS

INCLUSION RATING IS : 4163/JK CHART/ASTM E-45A								Aust. Grain Size ASTM No. (E-112)	?	Gas content (ppm)
A		B		C		D				
	T	H	T	H	T	H	T	H	Decarb. (MM)	O ₂
STD MAX										
ACTUAL	1.5		1.0		1.0		1.5		H ₂	

MECHANICAL PROPERTIES							MACRO	ULTRASONIC TEST	MIX UP TEST
	UTS	YS	EL %	RA %	Impact Value	Hardness BHN / R _h			
Reqd.									
Actual									

HARDENABILITY (HRC) AS PER IS : 3848

Distance									
Regrd.									
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

AUTHORISED PERSONATORY