



SPAN FORGING PVT. LTD.

Mfrs. of : Steel Forgings, CNC Turned Components, Centrifugal Casting of alloy steel

Works : Village Tatarpur (Near Prithla), Teh. & Distt. Palwal
E-mail : spanforging@rediffmail.com

Ref. No.

TEST REPORT

Date.....

Issued to: M/s SARA SAE(P)Ltd.Unit-II A/2Sara Ind.Estate Ltd.Chak- rata Road,Selaqui,Dehradun.	Report No. 68	D.O.T. 10/4/2012
Sample Description AISI-1008	Sample No. 7566-A	D.O.R 9/4/2012
		Heat No. S-973-A

RESULTS

Chemical Analysis
By Spectrometer

Element	%
Carbon	0.0898
Silicon	0.209
Sulphur	0.0321
Phosphorus	0.0298
Manganese	0.452
Nickel	0.136
Chromium	0.113
Molybdenum	0.0322
Vanadium	0.0023
Copper	0.0955
Niobium/Columbium	0.001
Cobalt	0.0018
Aluminium	0.0095
Titanium	0.0016
Iron	98.70

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 & u.b.sharu@gmail.com

QUALITY ASSURANCE DEPARTMENT

METALLURGICAL TEST REPORT

TEST CERTIFICATE

M/S. SARA SAE PRIVATE LIMITED UNIT NO.4
BACK SIDE RADHA SWAMI SATSANG GHAR,
VILLAGE MAHAL ROAD, S.T. ROAD,
GORAYA (PUNJAB)

TG No. 9630

Date 26-05-2012

3175

PB18P-9949

M/S. SARA SAE PRIVATE LIMITED UNIT NO.4 BACK SIDE RADHA SWAMI SATSANG GHAR, VILLAGE MAHAL ROAD, S.T. ROAD, GORAYA (PUNJAB)	T.C. No. 9630 Invoice No. 9475 Truck No. PB10P-9948	Date 26-05-2012					
GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY CONDN.	QNTY. M.T.	NO. OF PCS.
SAR100B	SB MM	S-973	L/HT	ORANGE	AS ROLLED	7.305 MT.	LOOSE

CHEMICAL COMPOSITION IN PERCENTAGE

CHEMICAL COMPOSITION IN PERCENTAGE															
	C	Mn	S	P	Si	Ni	Cr	Mo	V	Al	Cu	Sn	Ti	B	Ca
Min.	—														
Max.	—														
Actual	0.08	0.48	0.032	0.033	0.17	—	—	—	—	0.025	—	—	—	—	—

METALLURGICAL RESULTS

INCLUSION RATING IS : 4163/JK CHART/ASTM E-45A									Aust. Grain Size ASTM No. (E-112)	J	Gas content (ppm)
	A		B		C		D		Decarb. (MM)		O ₂
	T	H	T	H	T	H	T	H			N ₂
STD MAX											
ACTUAL	1.5		1.6		1.6		1.5			0%	H ₂

MECHANICAL PROPERTIES

HARDENABILITY (HRC) AS PER IS : 3848

Remarks