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# SPAN FORGING PVT. LTD.

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

Works : Village Tatarpur (Near Prithla) Teh. &amp; Distt. Palwal

E-mail : spanforging@rediffmail.com

## TEST REPORT

Ref. No. ....

Date.....

Issued to: M/s SARA SAE(P)Ltd.Unit-II  
A/2Sara Ind.Estate Ltd.Chak-  
rata Road,Selaqui,Dehradun.

Report No.

142

D..O.T.

25/5/2012

D..O.R

24/5/2012

Sample Description

INGOT 4"X5"

Sample No.

7667

Heat No.

P-20

## RESULTS

Chemical Analysis

By Spectrometer

<u>Element</u>	<u>%</u>
Carbon	0.0681
Silicon	0.551
Sulphur	0.0213
Phosphorus	0.0199
Manganese	1.48
Nickel	10.15
Chromium	16.33
Molybdenum	2.19
Vanadium	0.0626
Copper	0.362
Niobium/Columbium	0.0235
Cobalt	0.191
Aluminium	0.0206
Titanium	0.0194
Iron	68.40

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 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.



## TEST CERTIFICATE

TC No.: P-91

Date : 24.5.12

INVOICE NO: 76

Customer Name & Address :

M/S SARA SAE P.LTD  
DEHRADUN

Condition :

AS CAST

## CHEMICAL ANALYSIS IN PERCENTAGE

H.NO	Grade	C	Si	Mn	P	S	Cr	Mo	Ni	N	Size	Pc	Weight	Colour Code
P-18	AISI-316	.056	.56	1.49	.034	.014	16.89	2.03	10.14	.0470	4X5X44	46	5060	BLUE+BLACK
P-20	AISI-316	.059	.51	1.49	.034	.016	16.64	2.05	10.11	.0572	4X5X44	46	5055	BLUE+BROWN
P-22	AISI-316	.066	.55	1.57	.035	.015	16.78	2.06	10.20	.0529	4X5X44	46	5065	BLUE+PINK

Remarks :

Manufacturing Route: Electric Induction Furnace  
Ultrasonic testing as per ASTM A 388  
Material is free from residual radioactive elements.  
Lead not added during manufacturing.

We are Confirming that the Test Certificate findings are Correct & Results are as per Standard / Customer's Requirements.

Lab Incharge



Quality Controller