



# 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(P)Ltd.  
A/2Sara Ind.Estate Ltd.Chak-  
rata Road,Selaqui,Dehradun.

Report No.

1134

Sample No.

7122

Sample Description

INGOT 5"X 6"

D.O.T.

29-12-11

D.O.R

29-12-11

Heat No.

C-19-F

## RESULTS

Chemical Analysis  
By Spectrometer

<u>Element</u>	<u>%</u>
Carbon	0.0644
Silicon	0.366
Sulphur	0.0074
Phosphorus	0.0236
Manganese	1.42
Nickel	10.11
Chromium	16.11
Molybdenum	2.08
Vanadium	0.0588
Copper	0.318
Niobium/Columbium	0.0144
Cobalt	0.157
Aluminium	0.0101
Titanium	0.0128
Iron	69.20

Checked By  
Arun Mishra



Authorized 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.



**PSI**  
**Paras Steel Industries**

### TEST CERTIFICATE

CERTIFICATE : NO. 10

H. No.	No. of Pcs	Quantity	C	Mn	Cr	Ni	Mo	Si	Cu	S	P	Pb	Sn
C-18 Y/R	17	1623.75	0.0580	1.5400	16.0500	10.1300	2.0400	0.4010	0.3920	0.0199	0.0337	0.0063	0.0074
C-19 Y/G	17	1623.75	0.0623	1.4700	16.0400	10.0500	2.0200	0.4100	0.3800	0.0187	0.0321	0.0049	0.0066
C-20 Y/P	17	1623.75	0.0616	1.5400	16.0600	10.0500	2.0300	0.4180	0.3840	0.0194	0.0334	0.0055	0.0082
C-30 Y/S	17	1623.75	0.0684	1.5100	16.1400	10.0800	2.0200	0.4700	0.3450	0.0175	0.0308	0.0053	0.0068
<b>TOTAL</b>	<b>68</b>	<b>6495.00</b>											

H. No.	No. of Pcs	Quantity	Al	Co	Nb	Ti	V	W	As	Ca	B	Sb	Fe
C-18 Y/R	17	1623.75	0.0026	0.1460	0.0185	0.0087	0.0632	0.0635	0.007	0.00053	0.0011	0.0020	69.3
C-19 Y/G	17	1623.75	0.0059	0.1580	0.0182	0.0132	0.0613	0.0704	0.0089	0.0016	0.00092	0.0020	69.6
C-20 Y/P	17	1623.75	0.0082	0.1470	0.0348	0.0133	0.065	0.0664	0.0084	0.0015	0.0013	0.0020	69.4
C-30 Y/S	17	1623.75	0.0081	0.1430	0.0498	0.0191	0.0647	0.0685	0.0093	0.0016	0.0013	0.0020	69.2
<b>TOTAL</b>	<b>68</b>	<b>6495.00</b>											

Note :-

Y/R = Yellow/Red

Y/G = Yellow/Green

Y/P = Yellow/Pink

Y/S.B. = Yellow/Sky Blue

QUALITY MANAGER