



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.

1135

D..O.T.

29-12-11

D..O.R

29-12-11

Sample Description

INGOT 5"X 6"

Sample No.

7123

Heat No.

C-20-F

RESULTS

Chemical Analysis

By Spectrometer

Element	%
Carbon	0.0634
Silicon	0.399
Sulphur	0.0079
Phosphorus	0.0231
Manganese	1.49
Nickel	10.11
Chromium	16.34
Molybdenum	2.11
Vanadium	0.0603
Copper	0.342
Niobium/Columbium	0.0301
Cobalt	0.145
Aluminium	0.014
Titanium	0.0116
Iron	68.80

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.



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	0.3600	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
TOTAL	68	6495.00											

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
TOTAL	68	6495.00											

Note :-

Y/R = Yellow/Red

Y/G = Yellow/Green

Y/P = Yellow/Pink

Y/S.B. = Yellow/Sky Blue

QUALITY MANAGER