



SPAN FORGING PVT. LTD.

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

Mobile : 9999986702

9999986704

9810010535

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.

1151

D.O.T.

4/1/2012

D.O.R

4/1/2012

Sample Description

Dia 56

Sample No.

7152

Heat No.

D-1923

RESULTS

Chemical Analysis

By Spectrometer

Element

%

Carbon	0.0727
Silicon	0.502
Sulphur	0.0098
Phosphorus	0.0239
Manganese	1.03
Nickel	10.02
Chromium	16.78
Molybdenum	2.12
Vanadium	0.065
Copper	0.373
Niobium/Columbium	0.0176
Cobalt	0.179
Aluminium	0.0841
Titanium	0.0147
Iron	68.60

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.



MATERIAL TEST CERTIFICATE

TC NO-KSL-3148/11-12	Date : 07.01.2012	Customer : M/S SARA SAE PVT LTD DEHRADUN
Heat No. D -1923		
Specification:- AISI 316	P.O. No.: B/KES0131/1 Dtd 21.12.11 & 0134/11 Dtd 22.12.11	

SL. NO.	ITEM DESCRIPTION & DRAWING NO.	QUANTITY NOS
1	AISI 316 Round Dia 56 MM	60
	Heat Color Code: Green	

CHEMICAL COMPOSITION

PERCENT	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	Ti	Al	V
AS PER SPEC.	Min. (%)					16.00	10.00	2.00				
	Max. (%)	0.080	2.00	1.00	0.045	0.030	18.00	14.00	3.00			
Actual Value		0.062	1.44	0.46	0.037	0.028	16.32	10.11	2.17			

HEAT TREATMENT

Condition	Temp. C	Soaking Time Hrs.	Cooling Medium

PHYSICAL PROPERTIES

MECHANICAL PROPERTIES	YS N/mm ²	UTS N/mm ²	ELONG % GL mm	REDN IN AREA %	BEND	HARDNESS BHN	IMPACT (Joules)
AS PER SPEC.	Min						
	Max.						
Actual Value							

We hereby certify that the items mentioned above have been tested and inspected in our presence and are found to be in accordance with the drawing, specifications, and purchase order.

REMARK

The Steel has been made by Electric Furnace which is fully killed by Al & Si. It has fine grain structure.

Sign of the Inspecting Officer

Registered Office:

G & JU - 26/1, Pitampura, Telefax: + (91) 11-27343847

Works:

A - 350, Phase-I, Rico Industrial Area,

Phone: + (91) 1493 220142

WEB:

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Sign of the Quality Control