



SPAN FORGING PVT. LTD.

Mobile : 9999986702

9999986704

9810010535

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.

95

D..O.T.

25/4/2012

D..O.R

25/4/2012

Sample Description

Gasket Ring Joint

Sample No.

7596

Heat No.

1036/D-20/2012

RESULTS

Chemical Analysis
By Spectrometer

Element	%
Carbon	0.0219
Silicon	0.267
Sulphur	0.0028
Phosphorus	0.0145
Manganese	0.347
Nickel	39.15
Chromium	22.38
Molybdenum	3.48
Vanadium	0.0611
Copper	1.79
Niobium/Columbium	0.194
Cobalt	0.131
Aluminium	0.0796
Titanium	0.65
Iron	31.32

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.



M.D. Steels Pvt. Ltd.

Plot No. F- 669 , Phase - II

RIICO Industrial Area , Bhiwadi, Distt.- Alwar (Rajasthan) 301019

Phone +91 1493 512079/225495 Fax +91 01493 222483

Email: mdsteels@gmail.com Website : www.mdsteels.com

Customer : M/s Gee Gee Industries

Backside Radha Swami Satsang Bhawan

Mahal Road

Guraya - Punjab

T.C. No. : M- 936

Dated : 24.04.2012

Heat No. : 1036/D-20/ 2012

Date : 20.04.2012

P.O. No. : dated 16.04.2012

Specification : INC 825

Foundry identification : MD

Casting Processed by Induction melting

Heat Treatment : Solution Annealed at 1150 °C, 1.30 Hours Soaking and water quenched.

CHEMICAL COMPOSITION %

Element	C	Si	Mn	Cr	Ni	Mo	S	Al	Cu	Ti	P
Minimum	-	-	-	19.50	38.000	2.500	-	-	1.500	0.60	-
Maximum	0.050	0.500	1.000	23.50	46.000	3.500	0.030	0.200	3.000	1.20	0.030
Actual	0.045	0.456	0.275	21.00	39.800	2.760	0.019	0.0796	1.860	0.732	0.026

MECHANICAL PROPERTIES

	Y.S	UTS	EL%	Reduction	Charpy At ambient	Bend Test	Hardness				
	Mpa	Mpa	GI= 50mm	Area %	Ambient temp.		BHN				
Min	-	-	-	-	-	-	-	-	-	-	-
Max.	-	-	-	-	-	-	-	-	-	-	-
Actual											

S.No.	Description	Qty.		
01 to 90	Centrifugally Casted Ring BX 160			
	Proof Machined	90 Nos.		
	Size : OD 407 mm X ID 371 mm X Thickness 27.5 mm			

Remarks : Visual Inspection Carried out and dimension checked and found Ok.

specification and was found to meet the requirements and also compliance to the purchase order.

Gopal Das

Checked by

Approved by.

for M. D. Steels Pvt. Ltd.

Quality Control

M. D. STEELS (P) LTD.
F-669, Phase-II, Indl. Area
BHIWADI - 301 019.
☎ : 01493 - 222483, 512079

Bhupinder Singh