



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

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.

223

D..O.T.

30/5/2012

D..O.R

29/5/2012

Sample Description

Gasket Ring Joint

Sample No.

7704

Heat No.

1056/E-29/2012

RESULTS

Chemical Analysis
By Spectormetor

Element	%
Carbon	0.0363
Silicon	0.316
Sulphur	0.0056
Phosphorus	0.0113
Manganese	0.141
Nickel	39.33
Chromium	21.37
Molybdenum	3.14
Vanadium	0.057
Copper	1.72
Niobium/Columbium	0.003
Cobalt	0.0772
Aluminium	0.0489
Titanium	0.743
Iron	32.93

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.



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 Sara Sae Pvt. Ltd. UNIT - IV Backside Radha Soami Satsang Ghar Villagae - Mahal, G.T. Road, Distt. - Jalandhar Goraya - Punjab	T.C. No.	: M- 956
	Dated	: 30.05.2012
	Heat No.	: 1056/E- 29/ 2012
	Date	: 29.05.2012
P.O. No. : dated 23.05.2012		
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	0.046	0.400	0.137	20.20	40.100	2.940	0.017	0.0395	1.850	0.723	0.0176

MECHANICAL PROPERTIES

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

S. No.	Description	Qty.
1	Centrifugally Casted Ring Proof Machined Size : OD 256 mm X ID 235 mm X Thickness 35 mm	10 Nos.
2	Centrifugally Casted Ring BX 156 Proof Machined Size : OD 243 mm X ID 195 mm X Thickness 26 mm	30 Nos.

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.

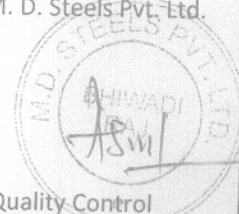
for M. D. Steels Pvt. Ltd.

Gopal Dass

Checked by

[Signature]

Approved by.



Quality Control

M. D. STEELS (P) LTD.

Plot No. F- 669, Phase-II, Indl. Area

Bhiwadi - 301019.

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