



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 - II A-2, Sara Industrial Estate Ltd. Chakrata Road, Rampur Dehradun - 248197 - Uttarakhand	T.C. No. : M- 1454
	Dated : 20.01.2014
	Heat No. : 1554/A- 13 / 2014
	Date : 13.01.2014

P.O. No. : Dated 20.12.2013

Specification : INC 825

Foundry identification : MD

Surface : Proof Machine

Casting Processed by Induction melting

Heat Treatment : Solution Annealed at 1060 °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	0.032	0.470	0.115	20.60	40.200	2.880	0.016	0.068	1.910	1.10	0.170

MECHANICAL PROPERTIES

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

S. No.	Description	Item & Code	Qty.
1	Centrifugally Casted Rings Proof Machined Size OD 343 mm X ID 300 mm X H- 36 mm	RX- 54 & II337-R	15 Nos. (01 - 15)

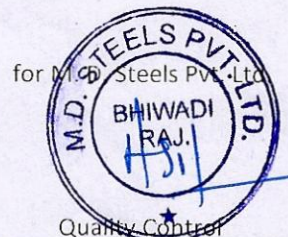
Remarks : Visual Inspection Carried out and dimension checked and found Ok.

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

Gopal Dugg

Checked by

[Signature]
Approved by.



Quality Control

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

[Signature]
12/1/2014