

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin
9803 (HNO-1772/G-21/2014) 11044 MD STEEL	Unknown	Wednesday, August 06, 2014	4:55:19 PM	Measured
Method Name	Method Version	Operator Name	Check Type	Check Status
Fe-30-MO		SARSA SAE	None	Not Used
Grade Verification Name	Grade Verification Similarity	Correction Type	Type Corr Sample Name	Grade Search Name
	0	None		
Grade Search Similarity	Type	Status	Outlier Removal	
0	None	Not Used		
Sample Name	Grade			
9803 (HNO-1772/G-21/2014) 11044 MD STEEL				

	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co	Cu	Nb	Ti	V	W	Pb	Sn	As	Zr
	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1	0.050	0.45	0.27	0.035	0.024	23.09	2.69	39.37	0.088	0.10	1.55	0.12	1.00	0.12	<0.040	0.014	0.018	<0.005	0.004
Rep	0.050	0.45	0.27	0.035	0.024	23.09	2.69	39.37	0.088	0.10	1.55	0.12	1.00	0.12	<0.040	0.014	0.018	<0.005	0.004
Min Cal	0.006	0.005	0.004	0.003	0.002	0.005	0.003	0.005	0.003	0.005	0.002	0.005	0.0010	0.002	0.040	0.010	0.002	0.005	0.003
Mean	0.050	0.45	0.27	0.035	0.024	23.09	2.69	39.37	0.088	0.10	1.55	0.12	1.00	0.12	<0.032	0.014	0.018	<0.004	0.004
Max Cal	3.00	5.04	18.12	0.18	0.30	36.00	10.20	55.2	6.24	21.60	7.44	3.60	3.60	12.00	7.32	0.13	0.27	0.13	0.19
	Ca	B	Fe																
	Conc	Conc	Conc																
	%	%	%																
1	0.002	0.002	30.94																
Rep	0.002	0.002	30.94																
Min Cal	0.0005	0.0005																	
Mean	0.002	0.002	30.95																
Max Cal	0.016	0.025																	

Quality in TN-805 Grade
as per 9805-724

8/6/2014

Sample Results

Reply



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. Division - II A-2, Sara Industrial Estate Ltd. Chakrata Road, Rampur - SELAQUI Dehradun - 248197 - Uttarakhand	T.C. No.	: M-1672
	Dated	: 04.08.2014
	Heat No.	: 1772/G- 21 / 2014
	Date	: 21.07.2014

Order No. 7054 Dated 15.07.2014

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	0.039	0.451	0.746	20.70	40.900	2.800	0.009	0.042	1.650	0.78	0.003

MECHANICAL PROPERTIES

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

S. No.	Description	Item Code	Qty.
1	Centrifugally Casted Rings - BX- 154	II044-R	200 Nos.
	OD 121 mm X ID 87 mm X H - 16.5 mm		(01- 200)

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 Dass
Checked by

Approved by

for M. D. Steels Pvt. Ltd.



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