

9125

Sample Results

Sample Result Name	9125(m.d)	Type	Unknown	Measure Date Time	Monday, January 13, 2014	Recalculation Date Time	2:14:25 PM	Origin	Measured
Method Name	Fe-30-MO	Method Version		Operator Name	SARA SAE	Check Type	None	Check Status	Not Used
Grade Verification Name		Grade Verification Similarity	0	Correction Type	None	Type Corr Sample Name		Grade Search Name	
Grade Search Similarity	0	Type	None	Status	Not Used	Outlier Removal			
Sample Name	9125(m.d)	Grade							

	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co	Cu	Nb	Ti	V	W	Pb	Sn	As	Zr
1	0.032	0.29	0.45	0.009	<0.002	20.68	2.67	39.52	0.095	0.071	1.66	0.042	0.62	0.045	<0.040	0.013	0.006	0.005	0.003
2	0.028	0.29	0.45	0.010	<0.002	20.80	2.65	39.42	0.094	0.073	1.64	0.044	0.61	0.045	<0.040	0.013	0.007	0.006	0.003
3	0.028	0.29	0.44	0.009	<0.002	20.90	2.60	39.26	0.093	0.074	1.65	0.040	0.59	0.043	<0.040	0.013	0.005	<0.005	<0.003
4	0.027	0.30	0.44	0.011	<0.002	20.89	2.61	39.33	0.094	0.073	1.64	0.041	0.59	0.043	<0.040	0.014	0.006	0.006	0.003
Rep	0.029	0.29	0.45	0.010	<0.002	20.82	2.63	39.38	0.094	0.073	1.65	0.042	0.60	0.044	<0.040	0.013	0.006	0.005	0.003
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	0.029	0.29	0.45	0.010	<0.002	20.82	2.63	39.38	0.094	0.073	1.65	0.042	0.60	0.044	<0.019	0.013	0.006	0.005	0.003
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	0.003	0.001	33.75																
2	0.002	0.001	33.78																
3	0.003	0.001	33.91																
4	0.002	0.001	33.84																
Rep	0.003	0.001	33.82																
Min Cal	0.0005	0.0005	33.88																
Mean	0.003	0.001	33.88																
Max Cal	0.016	0.025																	

Handwritten signature and date: 1/13/2014

1/13/2014

Sample Results



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- 1436
	Dated	08.01.2014
	Heat No.	1536/L -31 / 2013
	Date	31.12.2013

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 1150⁰ 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	0.047	0.450	0.239	20.40	40.500	2.950	0.018	0.051	1.870	0.78	0.019

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 291 mm X ID 254 mm X H- 43 mm	BNT & IX708-R	25 Nos. (26 - 50)

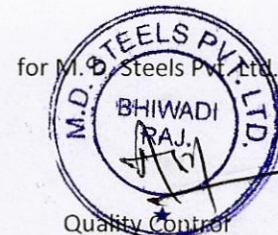
Remarks : Visual Inspection Carried out and dimension checked and found Ok.

on in 2N-825

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

Gopal Dass
Checked by

Approved by.



M. D. STEELS (P) LTD.

F-669, Phase-II, Indl. Area
BHIWADI - 301 019.

☎ : 01493 - 222483, 512079