

#1 9881

Sample Results

Sample Result Name	9881 (2586) hmo-1807/H-02/2014	Type	Unknown	Measure Date Time	Friday, August 29, 2014	Recalculation Date Time	4:04:42 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
9881 (2586) hmo-1807/H-02/2014

	C	SI	Mn	P	S	Cr	Mo	NI	Al	Co	Cu	Nb	TI	V	W	Pb	Sn	As	Zr
1	0.061	0.45	0.64	0.019	0.026	23.24	2.67	39.60	0.083	0.083	1.57	0.080	0.79	0.11	<0.040	0.015	0.013	0.010	0.004
2	0.047	0.44	0.65	0.022	0.023	23.51	2.61	39.28	0.080	0.086	1.60	0.078	0.73	0.11	<0.040	0.015	0.016	0.008	0.004
3	0.041	0.44	0.65	0.019	0.025	23.34	2.62	39.70	0.085	0.086	1.60	0.077	0.75	0.11	<0.040	0.015	0.014	0.007	0.004
Rep	0.049	0.44	0.65	0.020	0.025	23.37	2.63	39.53	0.076	0.085	1.59	0.078	0.75	0.11	<0.040	0.015	0.014	0.009	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	0.049	0.44	0.65	0.020	0.025	23.37	2.63	39.53	0.076	0.085	1.59	0.078	0.75	0.11	<0.018	0.015	0.014	0.009	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	Conc	B	Fe																
1	0.003	0.002	30.49																
2	0.003	0.002	30.65																
3	0.0009	0.001	30.40																
Rep	0.002	0.002	30.51																
Min Cal	0.0005	0.0005	30.57																
Mean	0.002	0.002																	
Max Cal	0.016	0.025																	

OK in TN-828 as
per 828 26-724 A
Deppoli

9/1/2014

Sample Results

MRN No → 18847
PO No → 7054



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-1707
	Dated	: 19.08.2014
	Heat No.	: 1807/H-02/2014
	Date	: 02.08.2014
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	0.040	0.430	0.584	21.50	39.700	3.000	0.008	0.054	1.650	0.90	0.003

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 - BNT Gasket OD 138 X mm X ID 101 mm X H- 29 mm	I2586-R	70 Nos. (01-70)

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.

Checked by *Copdase*

Approved by *[Signature]*

for M. D. Steels Pvt. Ltd.
[Stamp: M.D. STEELS PVT. LTD. BHIWADI RAJASTHAN]
Quality Control

M. D. STEELS (P) LTD.

F-669, Phase-II, Indl Area

BHIWADI - 301 019.

☎ : 01493 - 222483, 512079

OK in 7N-815 as per SPS 28-724A
[Signature]