

#9146

Sample Results

Sample Result Name

9146 (1545/a-04/14)

Method Name

Unknown

Fe-30-MO

Grade Verification Name

Grade Verification Similarity

Grade Search Similarity

Type

Status

Outlier Removal

Measure Date Time
Thursday, January 30, 2014

Operator Name

Check Type

Type Corr Sample Name

Origin
Measured
Check Status
Not Used
Grade Search Name

Sample Name

Grade

9146 (1545/a-04/14)

	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	0.028	0.13	0.44	0.007	<0.002	21.04	2.79	40.29	0.094	0.055	1.68	0.036	0.79	0.036	<0.040	0.012	0.006	<0.005	<0.003
Rep	0.028	0.13	0.44	0.007	<0.002	21.04	2.79	40.29	0.094	0.055	1.68	0.036	0.79	0.036	<0.040	0.012	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	0.010	0.002	0.040	0.010	0.002	0.002	0.003
Mean	0.028	0.13	0.44	0.007	<0.002	21.04	2.79	40.29	0.094	0.055	1.68	0.036	0.79	0.036	<0.066	0.012	0.006	<0.003	<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	0.002	0.0007	32.51																
Rep	0.002	0.0007	32.51																
Min Cal	0.0005	0.0005																	
Mean	0.002	0.0007	32.62																
Max Cal	0.016	0.025																	

OK
IN-025
Deepali

1/31/2014

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- 1445
	Dated	: 14.01.2014
	Heat No.	: 1545/A- 04 / 2014
	Date	: 04.01.2014
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 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	0.036	0.480	0.248	20.60	40.400	2.960	0.019	0.056	1.800	1.01	0.010

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	30 Nos. (91 - 120)

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

Approved by



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

ok
Adhwan
14/01/14