



AMETEK
MATERIALS ANALYSIS DIVISION

Heat No - H 4
Dia - 408
No 1
Color - Yellow.
OK

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin	Method Name	Method Version	Operator Name	Correction Type	Type Corr Sample Name
SARA	Unknown		8/18/2014 4:02:08 PM	MASSAD	Fe-30 MG		SAR	NONE	
Check Type	Check Status	Grade Verification Name			Grade Verification Similarity		Grade Search Name		Grade Search Similarity
None	Not Used				0%				0%
Sample Name	Grade Nom	Grade							
	SARA								

Elements Conc.

Meas.	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co
	%	%	%	%	%	%	%	%	%	%
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Cal. Min	0.006	0.005	0.004	0.003	0.002	0.005	0.003	0.005	0.003	0.005
<x>	0.11	0.56	1.09	0.009	0.021	15.80	2.37	10.82	0.16	0.19
Cal. Max	3.00	5.04	18.12	0.18	0.30	36.00	10.20	55.2	6.24	21.60
Mean	0.11	0.56	1.09	0.009	0.021	15.80	2.37	10.82	0.16	0.19

	0.08	0.55	1.10	0.045	0.029	16.16	2.19	10.50		
Meas.	Cu	Nb	Ti	V	W	Pb	Sn	As	Zr	Ca
	%	%	%	%	%	%	%	%	%	%
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
Cal. Min	0.002	0.005	0.0010	0.002	0.040	0.010	0.002	0.005	0.003	0.0005
<x>	0.36	0.033	0.031	0.060	0.049	<0.010	0.012	<0.005	<0.003	0.002
Cal. Max	7.44	3.60	3.60	12.00	7.32	0.13	0.27	0.13	0.19	0.016
Mean	0.36	0.033	0.031	0.060	0.049	<0.005	0.012	<0.018	<0.001	0.002

	0.37									
Meas.	B	Fe								
	%	%								
	Conc.	Conc.								
Cal. Min	0.0005									
<x>	0.001	68.3								
Cal. Max	0.025									
Mean	0.0009	68.3								

Test Certificate

TC No: 01	Invoice No: 34	Date: 09-05-2014
Customer Name and Address: Behind Radha Swami Satsang Ghar, G.T. Road, Goraya, (Punjab)		Sara Sae Pvt. Ltd.
Supply condition: As rolled round		

Chemical Analysis

Elements	C	Mn	P	SI	S	Cr	Mo	Ni	Heat No	PC S.	Weight	Grade	Size	Colour
Result	.071	1.22	.031	.41	.019	16.04	2.03	10.05	H-3	29	2565	SS316	56mm	Blue
Result	.066	1.23	.027	.46	.011	16.14	2.02	10.02	H-4	29	1285	SS316	40mm	Yellow
Result	.074	1.22	.031	.42	.016	16.05	2.01	10.00	H-5	30	1330	SS316	40mm	Green
Result	.072	1.14	.029	.37	.013	16.02	1.99	10.01	H-6	14	825	SS316	45mm	White
Result	.072	1.23	.029	.42	.012	16.37	2.03	10.01	H-7	18	1595	SS316	50mm	Red
Result	.073	1.28	.029	.44	.011	16.10	2.03	10.04	H-8	6	530	SS316	50mm	Pink
Result	.073	1.28	.029	.44	.011	16.10	2.03	10.04	H-8	12	1055	SS316	60mm	Pink

Remarks:

1. Manufacturing Route: Induction Furnace
2. Material is free from residual radioactive elements.
3. Lead not added during manufacturing.

We are confirming that test result findings are correct and results are as per standard/customers requirement.

*On in- SS316
as per 26-720
Rajalshah*

[Signature]
Quality Incharge