



AMETEK
MATERIALS ANALYSIS DIVISION

Heat No - H5
Dia - 408
Colour - Green
No - 2.

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	2/16/2014 4:59:30 PM	5/18/2014 5:00:02 PM	Measured	Fe-30-MD		SARA	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.
1	0.090	0.45	1.10	0.010	0.023	18.30	2.16	10.40	0.030	0.15
2	0.088	0.47	1.10	0.011	0.019	18.32	2.15	10.47	0.024	0.15
3	0.081	0.46	1.10	0.014	0.022	18.31	2.12	10.44	0.020	0.15
Cal. Min	0.006	0.005	0.004	0.003	0.002	0.005	0.003	0.005	0.003	0.005
<>	0.086	0.46	1.10	0.012	0.021	18.31	2.14	10.44	0.025	0.15
Cal. Max	3.00	5.04	18.12	0.18	0.30	36.00	10.20	55.2	6.24	21.60
Mean	0.086	0.46	1.10	0.012	0.021	18.31	2.14	10.44	0.025	0.15
SD	0.005	0.007	0.003	0.002	0.002	0.009	0.018	0.037	0.005	0.001
	0.07	0.43	1.13	0.029	0.027	10.08	2.06	10.08		
Meas.	Cu	Nb	Ti	V	W	Pb	Sn	As	Zr	Ca
	%	%	%	%	%	%	%	%	%	%
	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.	Conc.
1	0.38	0.049	0.032	0.057	0.045	<0.010	0.011	<0.005	<0.003	0.001
2	0.38	0.048	0.028	0.055	0.046	<0.010	0.011	<0.005	<0.003	0.0009
3	0.38	0.046	0.027	0.054	0.049	<0.010	0.011	<0.005	<0.003	0.0009
Cal. Min	0.002	0.005	0.0010	0.002	0.040	0.010	0.002	0.005	0.003	0.0005
<>	0.38	0.048	0.029	0.055	0.047	<0.010	0.011	<0.005	0.003	0.0010
Cal. Max	7.44	3.60	3.60	12.00	7.32	0.13	0.27	0.13	0.19	0.016
Mean	0.38	0.048	0.029	0.055	0.047	<0.005	0.011	<0.019	<0.002	0.0010
SD	0.001	0.002	0.002	0.001	0.002	0.0000	0.0004	0.0000	0.0000	0.0002
	0.39									

16256

PSI

Paras Steel Industries

Test Certificate

TC No: 01	Invoice No: 34	Date: 09-05-2014
Customer Name and Address: Behind Radha Swami Satsang Ghar, G.T. Road, Guraya, (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	2.02	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.

*See in SS316
as per 26-7-20
Lijabent*

[Signature]
Quality Incharge