

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin															
9193 (1-20)	UNKNOWN	Tuesday, February 04 2014	4:59:09 PM	Measured															
Method Name	Method Version	Operator Name	Check Type	Check Status															
Fe-3240		SARA SAE	None	Not Used															
Grade Verification Name	Grade Verification Similarity	Correction Type	Type Corr Sample Name	Grade Search Name															
	0	None																	
Grade Search Similarity	Type	Status	Outlier Removal																
0	None	Not Used																	
Sample Name	Grade																		
9193 (1-20)																			
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	Conc
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1	0.060	0.49	1.19	<0.003	<0.002	17.14	2.30	10.20	0.013	0.15	0.44	0.065	0.028	0.048	<0.040	<0.010	0.007	<0.005	0.003
2	0.055	0.49	1.20	<0.003	<0.002	17.12	2.31	10.16	0.008	0.15	0.44	0.065	0.030	0.046	<0.040	<0.010	0.009	<0.005	0.003
3	0.050	0.50	1.18	<0.003	<0.002	17.15	2.26	10.13	0.006	0.15	0.43	0.058	0.027	0.045	<0.040	<0.010	0.007	<0.005	0.003
5	0.045	0.55	1.16	<0.003	<0.002	17.03	2.29	10.26	0.008	0.15	0.42	0.060	0.025	0.043	<0.040	<0.010	0.002	<0.005	<0.003
Rep	0.052	0.51	1.18	<0.003	<0.002	17.11	2.29	10.19	0.008	0.15	0.43	0.062	0.027	0.046	<0.040	<0.010	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	0.052 ✓	0.51 ✓	1.18 ✓	<0.010 ✓	<0.001 ✓	17.11 ✓	2.29 ✓	10.19 ✓	0.008	0.15	0.43	0.062	0.027	0.046	<0.016	<0.007	0.006	<0.012	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	<0.0005	67.8																
2	0.002	<0.0005	67.9																
3	0.001	<0.0005	67.9																
5	0.001	<0.0005	67.9																
Rep	0.002	<0.0005	67.9																
Min Cal	0.0005	0.0005																	
Mean	0.002	<0.0002	67.9																
Max Cal	0.016	0.025																	

OK
8/25/6
Duffy

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Test Certificate

TC No: 67	Invoice No: 194	Date: 28-12-2013
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	S	Cr	Mo	Ni	Heat No	PC S.	Weight	Grade	Size	Colour
Result	.076	1.25	.043	.011	16.27	2.01	10.05	R-49	17	1496	SS316	56mm	Pink
Result	.071	1.26	.041	.010	16.42	2.00	10.05	R-50	17	1496	SS316	56mm	Red
Result	.064	1.25	.040	.011	16.12	2.03	10.03	R-51	17	1496	SS316	56mm	Yellow
Result	.072	1.32	.036	.009	16.11	2.03	10.04	R-52	17	1496	SS316	56mm	Blue
Result	.067	1.29	.043	.013	16.20	2.04	10.01	R-53	17	1496	SS316	56mm	Black
Result	.061	1.36	.033	.010	16.29	2.03	10.02	R-54	17	1496	SS316	56mm	White
Result	.070	1.29	.040	.014	16.14	2.04	10.01	R-55	18	1589	SS316	56mm	Green

Remarks:

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

on SS316 Duplex 27/11/14

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

Quality Incharge