13201

SPECTRO

AMETEK
MATERIALS ANALYSIS DIVISION

#9052

2
Heat No - N-77
white.

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin	Method Name	Method Version	Operator Name	Correction Type	Type Corr Sample Name

Check Type	Check Status	Grade Verification Name	Grade Verification Similarity	Grade Search Name	Grade Search Similarity

Sample Name	Grade Nom	Grade

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	0.006	0.004	0.003	0.002	0.005	0.003	0.005	0.003	0.005
<x>	0.089	0.37	1.13	0.003	0.012	16.75	2.10	10.32	0.003	0.25
Cal. Max	3.00	5.04	10.12	0.18	0.30	36.00	10.20	55.2	0.24	31.60
Mean	0.089	0.37	1.13	<0.002	0.012	15.75	2.10	10.32	0.003	0.25
	0.074 ✓	0.39 ✓	1.08 ✓	0.009 ✓	0.016 ✓	16.58 ✓	2.01 ✓	10.18 ✓	0.003	0.25

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>	0.44	0.031	0.007	0.054	0.10	<0.010	0.013	<0.005	0.003	0.0009
Cal. Max	7.44	3.60	3.00	12.00	7.32	0.13	0.27	0.13	0.19	0.016
Mean	0.44	0.031	0.007	0.054	0.10	<-0.002	0.013	<-0.003	<0.002	0.0009
	0.44									

Meas	B	Fe
	%	%
	Conc.	Conc.
Cal. Min	0.0005	
<x>	<0.0005	68.3
Cal. Max	0.025	
Mean	< 0.0003	68.4

OK
CS316

PSI
Paras Steel Industries

Test Certificate

TC No: 64	Invoice No: 166	Date: 23-11-2013
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	PCS.	Weight	Grade	Size	Colour
Result	.066	1.23	.037	.011	16.52	2.02	10.06	N-77	10	1283	SS316	56mm	White
Result	.071	1.25	.037	.012	16.44	2.01	10.03	N-78	10	1303	SS316	56mm	Blue
Result	.067	1.23	.039	.013	16.47	2.01	10.05	N-79	10	1287	SS316	56mm	Yellow
Result	.062	1.36	.044	.013	16.73	2.01	10.05	N-80	10	1278	SS316	56mm	Green
Result	.064	1.31	.042	.018	16.90	2.02	10.06	O-06	10	1296	SS316	56mm	Black
Result	.059	1.22	.043	.013	16.35	2.03	10.08	O-27	11	1418	SS316	56mm	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.

Quality Incharge

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Works : SP159, KAHRANI INDUSTRIAL AREA Bhiwadi Extn. Bhiwadi Dist. Alwar (Raj.)