



AMETEK
MATERIALS ANALYSIS DIVISION

9056

Heat N-80
Green.

4

Sample Result Name	Type	Measure Date Time	Rectification Date Time	Origin	Mixed Name	Method Version	Operator Name	Correction Type	Type Cor Sample Name
Check Type	Check Status	Grade Verification Name		Grade Verification Similarity		Grade Search Name		Grade Search Similarity	
Sample Name	Grade Name	Grade							

Elements Cont.

Mass	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co
	%	%	%	%	%	%	%	%	%	%
Calc Min	0.006	0.005	0.004	0.003	0.002	0.005	0.003	0.005	0.003	0.005
<X>	0.097	0.38	1.25	0.003	0.008	16.88	2.16	70.26	0.078	0.15
Calc Max	3.00	5.04	18.12	0.18	0.30	36.00	10.20	55.2	6.24	21.80
Mean	0.097	0.38	1.25	<0.002	0.008	16.88	2.18	10.25	0.078	0.15
Units	Cu	Nb	Ti	V	W	Pb	Sb	As	Zr	Ca
	%	%	%	%	%	%	%	%	%	%
Calc Min	0.002	0.006	0.0010	0.002	0.040	0.010	0.002	0.006	0.003	0.0005
<X>	0.38	0.083	0.027	0.060	0.064	<0.010	0.011	<0.005	0.008	0.016
Calc Max	7.44	3.60	3.60	12.00	7.32	0.13	0.27	0.13	0.19	0.016
Mean	0.38	0.083	0.027	0.060	0.064	<0.006	0.011	<0.002	0.008	0.0005
Units	B	Fe								
	%	%								
Calc Min	0.0005	87.9								
<X>	0.025									
Calc Max	<0.0000									
Mean										

5/31/6
D. J. Green



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	PC S.	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.

*OK in
SS316
@pall*

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

APL
Quality Incharge