



AMETEK
MATERIALS ANALYSIS DIVISION

9794
Heat N-182

Sample Result Name	Type	Measure Date	Recalculation Date	Origin	Method Name	Method Version	Operator Name	Correction Type	Type Corr Sample Name
Check Type	Check Status	Time	Time		Grade Verification Name	Grade Verification Similarity	Grade Search Name		Grade Search Similarity
Sample Name	Grade Norm	Grade							
Elements	Conc.								

Meas	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co
	%	%	%	%	%	%	%	%	%	%
Cal. Min	0.006	0.005	0.004	0.003	0.002	0.005	0.003	0.005	0.003	0.005
<x>	0.10	0.42	1.05	0.027	0.027	16.24	2.34	10.50	0.037	0.18
Cal. Max	3.00	5.04	18.12	0.18	0.30	36.00	10.20	55.2	6.24	21.60
Mean	0.10	0.42	1.05	0.021	0.027	16.24	2.34	10.50	0.037	0.18
Meas	Cu	Nb	Ti	V	W	Pb	Sn	As	Zr	Ca
	%	%	%	%	%	%	%	%	%	%
Cal. Min	0.002	0.005	0.0010	0.002	0.040	0.010	0.002	0.005	0.003	0.0005
<x>	0.48	0.024	0.018	0.068	0.051	<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	0.48	0.024	0.018	0.068	0.051	<0.005	0.012	<0.025	<0.0005	0.002
Meas	B	Fe								
	%	%								
Cal. Min	0.002	0.005								
<x>	0.0005	68.4								
Cal. Max	0.025									
Mean	<0.0004	68.4								

Quality in 45316 grade as per spec 26.720
Deepak



Paras Steel
INDUSTRIES

Excellence in Recycling

MRV No → 1 8706 Po No → 6881

Works:

SP159, Kahrani Industrial Area,
Bhiwadi Extn., Bhiwadi,
Dist. Alwar (Raj.) 301019

T: +91-8003765111,
+91-8003764111

E: info@parassteel.co.in,
parasstl@gmail.com

W: www.parassteel.co.in

Test Certificate

TC No: 03	Invoice No: 95	Date: 26-07-2014
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	.066	1.16	.043	.51	.010	16.55	2.02	10.01	T-59	16	1428	SS316	56mm	Black
Result	.072	1.13	.041	.48	.011	16.61	2.03	10.01	T-60	16	1418	SS316	56mm	Blue
Result	.060	1.15	.043	.54	.012	17.04	2.03	10.02	T-61	16	1442	SS316	56mm	Pink
Result	.061	1.17	.042	.53	.013	16.90	2.04	10.03	T-62	16	1415	SS316	56mm	Red
Result	.072	1.18	.041	.47	.012	17.13	2.02	10.06	T-63	16	1407	SS316	56mm	Yellow

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/customer's requirement.

*Qualify in SS316 as per
Spec 26-720
verified*

Atul Singh