

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin
10428 (HNO-O-40) DIA-90 MM	Unknown	Wednesday, January 07, 2015	5:18:54 PM	Measured
Method Name	Method Version	Operator Name	Check Type	Check Status
Fe-30-MO		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
10428 (HNO-O-40) DIA-90 MM	

	C Conc %	Si Conc %	Mn Conc %	P Conc %	S Conc %	Cr Conc %	Mo Conc %	Ni Conc %	Al Conc %	Co Conc %	Cu Conc %	Nb Conc %	Ti Conc %	V Conc %	W Conc %	Pb Conc %	Sn Conc %	As Conc %	Zr Conc %
1	0.077	0.42	0.83	0.031	0.035	16.34	2.24	10.33	0.017	0.16	0.52	0.045	0.010	0.054	0.065	<0.010	0.006	<0.005	<0.003
2	0.069	0.43	0.82	0.041	0.027	16.35	2.22	10.29	0.012	0.16	0.52	0.042	0.009	0.054	0.067	<0.010	0.005	<0.005	0.003
3	0.064	0.42	0.82	0.044	0.030	16.29	2.18	10.27	0.014	0.16	0.51	0.042	0.013	0.054	0.061	0.011	0.006	<0.005	0.003
Rep	0.070	0.42	0.82	0.039	0.033	16.33	2.21	10.30	0.014	0.16	0.52	0.043	0.011	0.054	0.064	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	0.070	0.42	0.82	0.039	0.033	16.33	2.21	10.30	0.014	0.16	0.52	0.043	0.011	0.054	0.064	<0.009	0.006	<0.007	<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 Conc %	B Conc %	Fe Conc %																
1	0.003	0.0009	68.8																
2	0.002	0.0009	68.9																
3	0.002	0.001	69.0																
Rep	0.002	0.0010	68.9																
Min Cal	0.0005	0.0005																	
Mean	0.002	0.0010	68.9																
Max Cal	0.016	0.025																	

Qualify in SS16 as
per SES 26-720
@pals

Test Certificate

TC No : 63	Invoice No: 217	Date : 02-01-2015 E: info@parassteel.co.in, parasstl@gmail.com W: www.parassteel.co.in
Customer Name and Address: A-2 Sara Industrial Estate Ltd Chakrata Road Rampur Dehradun (Uttarakhand)		
Supply condition: As Round		

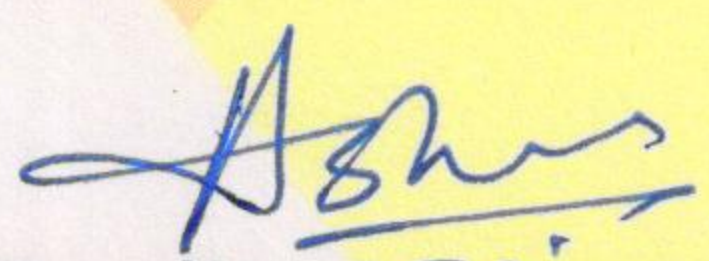
Chemical Analysis

Elements	C	Si	Mn	P	S	Cr	Mo	Ni	Nb	Heat No	PC S.	Weight	Grade	Size	Colour
Result	.066	.50	1.10	.040	.012	16.86	2.01	10.02	.045	O-9	16	1440	SS316	56m m	Blue
Result	.062	.48	1.11	.045	.012	16.65	2.02	10.05	.052	O-10	16	1440	SS316	56m m	Yellow
Result	.064	.45	1.12	.041	.011	16.78	2.03	10.06	.046	O-11	16	1435	SS316	56m m	Green
Result	.073	.47	1.08	.043	.011	16.73	2.05	10.11	.046	O-13	16	1415	SS316	56m m	Pink
Result	.058	.47	1.09	.045	.011	16.60	2.01	10.05	.055	O-14	16	1460	SS316	56m m	White
Result	.063	.47	1.11	.041	.012	16.73	2.03	10.05	.053	O-37	5	1530	SS316	90m m	Red
Result	.060	.44	1.11	.045	.012	16.62	2.03	10.02	.049	O-38	5	1550	SS316	90m m	Red/W hite
Result	.058	.42	1.11	.043	.012	16.44	2.05	10.04	.039	O-39	5	1515	SS316	90m m	Red/Bl ue
Result	.054	.43	1.14	.045	.012	16.51	2.05	10.04	.040	O-40	5	1535	SS316	90m m	Yellow /White

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