

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin
#9427(pa-310)	Unknown	Friday, May 09, 2014	3:52:51 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			
#9427(pa-310)				

	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	0.078	0.48	1.50	0.030	0.022	16.49	2.10	10.43	0.023	0.21	0.41	0.024	0.015	0.072	<0.040	<0.010	0.035	<0.005	<0.003	
2	0.065	0.47	1.51	0.030	0.018	16.62	1.98	10.36	0.010	0.21	0.40	0.022	0.013	0.066	<0.040	0.013	0.035	<0.005	<0.003	
3	0.061	0.47	1.52	0.031	0.019	16.64	1.94	10.34	0.007	0.21	0.40	0.019	0.014	0.066	<0.040	0.011	0.035	<0.005	<0.003	
Rep	0.068	0.47	1.51	0.030	0.020	16.58	2.01	10.38	0.013	0.21	0.40	0.022	0.014	0.068	<0.040	0.012	0.035	<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	0.068	0.47	1.51	0.030	0.020	16.58	2.01	10.38	0.013	0.21	0.40	0.022	0.014	0.068	<0.023	0.011	0.035	<0.019	<0.002	
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	0.004	0.004	68.0																	
2	0.002	0.004	68.1																	
3	0.001	0.004	68.2																	
Rep	0.002	0.004	68.1																	
Min Cal	0.0005	0.0005																		
Mean	0.002	0.004	68.1																	
Max Cal	0.016	0.025																		

Ole in SS316
as per 26-720

1. 10.43

Ole in SS316
as per 26-72
Reg-Label
5/9/14



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Ph. : +91-11-47029900 (100 Lines), Fax : +91-11-47029922

TEST CERTIFICATE

TC No.: P-227

Date : 07.05.2014

INVOICE NO: 64

Customer Name & Address :

M/S SARA SAE P.LTD
DEHRADUN

Supply Condition :

AS CAST

CHEMICAL ANALYSIS IN PERCENTAGE

H.NO	Grade	C	Si	Mn	P	S	Cr	Mo	Ni	N	Size	Pc	Weight	Colour Code
PA-309	AISI-316	.064	.50	1.56	.035	.013	16.62	2.06	10.12	.0560	4X5X44	43	4735	BLUE+WHITE
PA-310	AISI-316	.067	.52	1.58	.033	.015	16.56	2.08	10.09	.0539	4X5X44	43	4755	BLUE+GREEN

Manufacturing Route: Electric Induction Furnace

Ultrasonic testing as per ASTM A 388

Material is free from residual radioactive elements.

Lead not added during manufacturing.

We are Confirming that the Test Certificate findings are Correct & Results are as per Standard / Customer's Requirements.

Lab Incharge



Quality Controller

OK as per
26-7-20
S. J. Chhabra
5/5/14