

METALTEST, INC.  
1205 5th Avenue South  
Kent, Washington 98032  
Phone (253) 813-5970

11/6/2018

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Inline Design LAB 192375  
1420 Terry Ave Unit 2304 PO Memo  
Seattle, WA 98101 MATL 316 Stainless Steel  
SPEC N/A  
TEST METHOD OES  
Attn: Jad Honein SIZE  
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TEST REPORT

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Amended Test Report 192375 (11/19/2018) - Changed Unit# from 1601 to 2304

Identification

Qty:	7 samples
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Chemical Analysis Results:

ID	Al	C	Mn	P	S	Si	Cr	Ni	Mo	V	Nb	Cu	Fe
1	0.006	0.039	1.48	0.024	0.004	0.567	16.63	10.10	2.07	0.053	0.005	0.039	Rem
2	0.007	0.034	1.42	0.024	0.005	0.553	16.66	10.05	2.02	0.084	0.005	0.037	Rem
3	0.008	0.033	1.00	0.031	0.004	0.622	16.59	10.26	2.00	0.060	0.006	0.103	Rem
5	0.009	0.042	1.18	0.036	0.008	0.497	16.25	10.19	2.12	0.068	0.014	0.204	Rem
6	0.006	0.022	1.44	0.025	0.005	0.548	16.78	10.25	2.11	0.081	0.005	0.032	Rem
7	0.005	0.026	1.20	0.028	0.004	0.536	16.90	10.05	2.10	0.050	0.005	0.053	Rem
8	0.008	0.062	1.06	0.038	0.005	0.480	16.69	10.40	2.02	0.052	0.011	0.297	Rem

Note: Sample number ID per Metaltest, Inc. technician

Acceptance criteria not specified.

Results reported for customer information.

Material (all 7 samples) conform to typical chemical analysis requirements for 316 stainless steel per UNS 10<sup>th</sup> Edition.

Respectfully,

Wayne Langley  
Lab Manager

11/19/2018

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Inline Design	LAB	192375
1420 Terry Ave Unit 2304	PO	Memo
Seattle, WA 98101	MATL	316 Stainless Steel
	SPEC	N/A
Attn: Jad Honein	TEST METHOD	ICP / Combustion
	SIZE	

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**TEST REPORT**

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Identification

Qty:	1
ID:	4

Chemical Analysis Results:

ELEMENT	Result (%)
Carbon	0.054
Sulfur	0.0087
Manganese	0.98
Silicon	0.36
Phosphorus	0.03
Chromium	17.05
Copper	0.2
Molybdenum	2.1
Nickel	10.29
Vanadium	<0.02

NOTE(S): Carbon and sulfur analyzed by combustion  
All other elements analyzed by ICP

Note: Sample number ID per Metaltest, Inc. technician

Acceptance criteria not specified.

Results reported for customer information.

Material conforms to typical chemical analysis requirements for 316 stainless steel per UNS 10<sup>th</sup> Edition.

Respectfully,



Wayne Langley  
Lab Manager