



**VALBRUNA**

SLATER STAINLESS, INC.  
2400 Taylor Street West, P.O. Box 630  
Fort Wayne, Indiana USA 46801  
Phone: 260-434-2892 Fax: 260-434-2905

ASA  
1075777  
WO 5410  
CPA RTJ

SV

**Product Certification Report**

Report Number: **4635230**

0031249

Certified on Feb 28, 2011 Page 1 of 1

Order I D	Order Date	Commodity Code				
1100603 005	2/23/11	316D8.0				
Dim 1	Dim 2	Dim 3	Heat I.D.	Customer I D	Customer Purchase Order	
8.0000	.0000	.0000	252473	002476	102003118	
Product Shape	Product Surface				Customer Grade	
Rounds	HR & Rough Turned				316/316L	
Length (Inches)	Ed. of Lasting #		Weight			
120.000 Min. 168.000 Max.	414024					

Ship To

VALBRUNA CANADA LTD.  
8724 HOLGATE CRESCENT  
MILTON, ONTARIO L9T5Z1

JA  
6/2/11

Sold To

VALBRUNA CANADA LTD.  
8724 HOLGATE CRESCENT  
MILTON, ONTARIO L9T5Z1

Lifts: 0026 0027

NACE MRO 175-05 ISG 15156

ASTMA 276-08a

ASTMA 479-10a

ASMESA 479-07

**CHEMICAL ANALYSIS**

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.022	1.74	.027	.025	.55	17.09	10.03	2.00	.65	.08	.07

BRINELL HARDNESS ASTM E10-08

HBW

163

TENSILE PROPERTIES ASTM E8-08

TS (PSI)	2%YS (PSI)	%EL(2")	%RA
84200	38400	63.8	81.5

MACRO ASTM E340-00/E381-01

MACRO

OK

OK

GRAIN SIZE ASTM E112-96

GRAIN SIZE	Etchant	Magnification X
7	Oxalic	100

ASTMA 262-10 PR E(A Utilized)

OXALIC	Etchant	Magnification X
OK	Oxalic	100

Heated to 1900F min. and water quenched (heating time & temp appropriate for optimum quality).

Chemical testing performed to one or more of the following ASTM methods: E415-08, E572-02a, E1019-08, E1085-95, Location of tensile fracture: inside middle of gage length.

Chemical Analysis performed at Acciaierie Valbruna, Italy.

No mercury or low melting alloy contamination. No weld repair.

Material melted in Italy, manufactured in the United States.

Material conforms to listed specifications and is DFARS compliant.

Quality system is compliant with ISO 9001:2008. Produced in accordance with EN 10204 3.1.

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes, including Federal law, Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info. I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

*Dennis Hackett*

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