



VALBRUNA

SLATER STAINLESS, INC.  
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424293  
PO 76525  
W05549  
CIA 3 RTJ

Product Certification Report

Report Number: 4641020

Certified on Mar 16, 2011 Page 1 of 1

C027983

Order I.D. 1100404 015	Order Date 2/07/11	Commodity Code			
Dim 1 6.7500	Dim 2 .0000	Dim 3 .0000	Heat I.D. 424293	Customer I.D. 002476	Customer Purchase Order 102003098
Product Shape Rounds		Product Surface HR & Rough Turned		Customer Grade 316/316L	
Length (Inches) 120.000 Min. 168.000 Max.			Bill of Lading # 414077	Weight	

Ship To

VALBRUNA CANADA LTD.  
8724 HOLGATE CRESCENT  
MILTON, ONTARIO L9T5Z1

OK  
with  
11/41"

Sold To

VALBRUNA CANADA LTD.  
8724 HOLGATE CRESCENT  
MILTON, ONTARIO L9T5Z1

Lifts: 0008

CONDITION A

NACE MRO 175-05

ISO 15156

ASTMA 276-08a

ASTMA 479-10a

EN 10272 Feb. 2008

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.014	1.75	.028	.025	.54	16.73	10.39	2.05	.51	.07	.07

BRINELL HARDNESS ASTM E10-08

HBW  
150

TENSILE PROPERTIES ASTM E8-08

TS (PSI)	.2%YS (PSI)	1%Y.S. (PSI)	%EL(2")	%EL(5d)	%RA
83200	36700	37800	63.2	59.0	80.9

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	500

ASTM A 262-10 (Prac E)

BEND TEST  
OK

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.

SV

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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