

ASA 9077618 W05841 CPA 3 FOEL 40

8'2"



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

255856

Product Certification Report

Report Number: 4784092

Certified on May 15, 2012 Page 1 of 2

Order form table with fields: Order ID, Order Date, Commodity Code, Dim 1, Dim 2, Dim 3, Heat ID, Customer ID, Customer Purchase Order, Product Shape, Product Surface, Customer Grade, Length (Inches), Bill of Lading #, Weight.

Ship To VALBRUNA CANADA LTD. 8724 HOLGATE CRESCENT MILTON, ONTARIO L9T5Z1

Sold To VALBRUNA CANADA LTD. 8724 HOLGATE CRESCENT MILTON, ONTARIO L9T5Z1

Handwritten notes: oh, 1/11/13

Lifts: 0050 0051

CONDITION A
ASTMA 276-10
EN 10272 Feb. 2008

NACE MR0175-10 ISO 15156-3
ASTMA 479-11

**NACE MR0103-2010
*ASMESA 182 10 ED Chem Only

CHEMICAL ANALYSIS

Table with columns: C, Mn, P, S, Si, Cr, Ni, Mo, Cu, Co, N and corresponding values.

BRINELL HARDNESS ASTM E10-08

HBW
167

TENSILE PROPERTIES ASTM E8-08

Table with columns: TS (PSI), .2%YS (PSI), 1%Y.S. (PSI), %EL(2"), %EL(5d), %RA and corresponding values.

MACRO ASTM E340-00/E381-01

MACRO
OK

GRAIN SIZE ASTM E112-10

Table with columns: GRAIN SIZE, Etchant, Magnification X and corresponding values.

ASTM A262-10 PR E(A Utilized)

Table with columns: OXALIC, Etchant, Magnification X and corresponding values.

ASTM A 262-10 (Prac E)

BEND TEST
OK

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

*Certification revised at Valbruna by D. Hackett (6/15/12).

**Certification revised at Valbruna by D. Hackett (6/25/12).

Chemical testing to one or more of the listed ASTM methods: E415-08, E572-02a, E1019-08, E1085-95, E1086-08

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.

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

Signature of Dennis Hackett
Dennis Hackett

Handwritten initials: SW, MC



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Order I.D. 1201283 007		Order Date 5/10/12		Commodity Code C068405		
Dim 1 5.2500	Dim 2 .0000	Dim 3 .0000	Heat I.D. 255856	Customer I.D. 002476	Customer Purchase Order 205003679	
Product Shape Rounds.		Product Surface HR & Rough Turned			Customer Grade 316/316L	
Length (Inches) 132.000 Min. 156.000 Max.			Bill of Lading # 417194	Weight		

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8724 HOLGATE CRESCENT
MILTON, ONTARIO L9T5Z1

Sold To

VALBRUNA CANADA LTD.
8724 HOLGATE CRESCENT
MILTON, ONTARIO L9T5Z1

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

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Manager Laboratory Services

Dennis Hackett
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