



VALBRUNA

SLATER STAINLESS, INC.
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Fort Wayne, Indiana USA 46801
Phone: 260-434-2892 Fax: 260-434-2905

254774

ASA P076853
WO 5589/5590
CPA 2-40/80

Product Certification Report

Report Number: 4723700

Certified on Nov 15, 2011 Page 1 of 1

0045786

Table with columns: Order I.D., Order Date, Commodity Code, Dim 1, Dim 2, Dim 3, Heat I.D., Customer I.D., 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

Handwritten signature and date: 1/20/12

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

Lifts: 0018 0019
NACE MR0175-10 ISO 15156-3 ASTM 276-10 ASTM 479-10a
ASMESA 479-10

CHEMICAL ANALYSIS table with columns: C, Mn, P, S, Si, Cr, Ni, Mo, Cu, Co, N.

BRINELL HARDNESS ASTM E10-08
HBW
179

TENSILE PROPERTIES ASTM E8-08
TS (PSI) .2%YS (PSI) %EL(2") %RA
86000 41600 57.4 73.9

MACRO ASTM E340-00/E381-01
MACRO
OK
OK

GRAIN SIZE ASTM E112-96
GRAIN SIZE Etchant Magnification X
8 Oxalic 100

ASTMA 262-10 PR E(A Utilized)
OXALIC Etchant Magnification X
OK Oxalic 500

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
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.

Handwritten initials: SV, MC

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