

253567



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

Product Certification Report

Report Number: 4682810

Certified on Jul 15, 2011 Page 1 of 2

Table with columns: Order ID, Order Date, Commodity Code, Dia 1, Dia 2, Dia 3, Heat ID, Customer ID, Customer Purchase Order, Product Shape, Product Surface, Customer Grade, Length (Inches), Bar of Lading #, Weight.

Ship To VALBRUNA STAINLESS, INC.
13950 BENSON AVENUE
CHINO, CA 91710

Sold To VALBRUNA CORP.
31 IRON HORSE ROAD
OAKLAND, NJ 07436

Lifts: 0042 0043 0048

Table with columns: MIL-S-862B, NACE MRO 175-05 ISO 15156, UNS S30400 and S30403, ASTMA 276-10, ASTMA 182-10 Chem Only, ASTMA 193-09, ASTMA 479-10a, ASTMA 484-09, ASMESA 182 07 ED Chem Only, ASMESA 193 07 ED, ASMESA 320 01 ED 2002 ADD, ASTMA 479-10, AMS 5639H, AMS 5647H, ASTMA 320-08 GR B8, SAR-AMS QQ-S-763B, ASTM A314-08

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
186

TENSILE PROPERTIES ASTM E8-08

Table with columns: TS (PSI), .2%YS (PSI), %EL(2"), %RA and corresponding values.

MACRO ASTM E340-00/E381-01

MACRO
OK
OK
OK

GRAIN SIZE ASTM E112-96

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

ASTMA 262-10 PR E(A Utilized)

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

Free of mercury and low melting alloy contamination.

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

No welding or weld repair done.

Electric Furnace melted; AOD refined.

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.

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 (Signature)

Dennis Hackett



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Order I.D. 1101301 001		Order Date 5/10/11		Commodity Code			
Qty 1 6.0000	Qty 2 .0000	Qty 3 .0000	Heat I.D. 253567	Customer I.D. 002474	Customer Purchase Order 30281		
Product Shape Rounds			Product Surface HR & Rough Turned			Customer Grade 304/304L	
Length (inches) 132.000 Min. 156.000 Max.			Bill of Lading # 415014	Weight			

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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.

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Manager Laboratory Services *Dennis Hackett*
Dennis Hackett