

CA96800 M125278

SOLO P O T O		PENN STAINLESS PRODUCTS INC 190 KELLY RD. QUAKERTOWN, PA 18951-9001	SHIPPED FROM SOLVAY, NY USA	SHIP I P T O PENN STAINLESS PRODUCTS INC 190 KELLY RD. QUAKERTOWN, PA 18951-9001	CUSTOMER P.O. P038638	CIL ORDER NO. P5-10676-9-01
CIL INSIDE SALES REP. E JONES		SHIPPED FROM SOLVAY, NY USA		CUSTOMER P.O. P038638	CUSTOMER PART NO.	
QUANTITY SHIPPED 8508 LBS.		ALL MELTING DONE IN USA.				

DESCRIPTION OF MATERIAL

CRU 316/316L RT A SIZE 22.000 RD
 AMS-5648-L AMS-5653-H ASME SA-182-17ED (CHEM&MECH) ASME SA-276-17ED SEC II PART A
 ASME SA-479-17ED ASTM-A182-18A (CHEM & MECH) * ASTM-A262-15 PRACTICE A/E
 ASTM-A276-17 ASTM-A320-18 GR B8M CL1 (T316) ASTM-A479-17
 ASTM-A484-18A NACE MR0175/ISO 15156-3 SECOND EDITION 2009-10-15 QQS-763F
 UNS S31600/S31603

CHEMICAL ANALYSIS *

C	MN	P	S	SI	NI	CR	MO	CO	CU	N
.018	1.62	.026	.025	.47	10.09	16.33	2.04	.08	.18	.079

AS SHIPPED PROPERTIES

HARDNESS
 BHN 142

LONGITUDINAL


TENSILE PSI 79,790 SONIC/MACRO ACCEPTABLE GRAIN SIZE 3.0
 YLD. 2% PSI 40,350
 % ELONG4D 61.8
 RED/AREA% 76.1

THE REQUIREMENTS OF ASTM A262 PRACTICE E HAVE BEEN SATISFIED.

AS SHIPPED MATERIAL CONDITION

MATERIAL ANNEALED AT 1950 DEG. F. - HELD 30 MINUTES AT TEMP-WATER QUENCHED.

THANK YOU FOR SELECTING A QUALITY PRODUCT OF NAFTA ORIGIN MANUFACTURED WITH PRIDE AT CRUCIBLE INDUSTRIES, LLC LOCATED IN SOLVAY, NY USA IN COMPLIANCE WITH FAR 52.255-1 AND FAR 52.225-5. WE PROVIDE MATERIAL FREE OF MERCURY CONTAMINATION AND RATIONS. NO WELD REPAIR IS DONE. CRUCIBLE INDUSTRIES LLC HOLD A CERTIFICATE OF REGISTRATION TO AS9100D/EN 9100:2016 / JISQ 9100:2016, ISO 9001:2015 - ANSI/ISO/ASQ Q9001-2015, PRESSURE EQUIPMENT DIRECTIVE (PED) ANNEX I, PARAGRAPH 4.3 of 2014/68/EU or 97/23/EC 7/2. WE WORK UNDER THE GUIDELINES OF ASME SECTION III SUBSECTION NCA-3850. WE ARE COMPLIANT WITH ROHS DIRECTIVE 2011/65/EU, REACH (EC 1907/2006), EN 10204:2004 3.1, AND DFARS 252.225.7001, 7002, 7008, 7009, 7014 ALTERNATE 1. MATERIAL TESTING IS PERFORMED ON A PROLONGATION OF THE BAR IN COMPLIANCE WITH INDUSTRY STANDARDS ASTM A370, E8, E10, E18, E23, E45, E112, E381, E604. *ACCREDITED CHEMICAL TESTING IS PERFORMED IN COMPLIANCE WITH INDUSTRY STANDARDS ASTM E572, E1019, E1086, E322, E415 AND E1085. THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS ON THIS DOCUMENT MAY BE PUBLISHED AS A FELONY UNDER FEDERAL STATUTES, INCLUDING FEDERAL LAW TITLE 18, CHAPTER 47. PRODUCTS, TECHNICAL DATA, TECHNOLOGY AND SERVICES OF CRUCIBLE INDUSTRIES LLC ARE SUBJECT TO US EXPORT CONTROLS UNDER THE APPLICABLE LAWS AND REGULATIONS OF THE UNITED STATES.


 ROBERT TSCHERNJAWSKI - SPECIFICATION EXAMINER


 WILLIAM MASTROE - MANAGER OF QUALITY AND PROCESS ENGINEERING

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