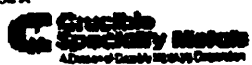


47# A14630

SP 425, 50 A



P.O. BOX 877
SYRACUSE
NEW YORK 13201

CERTIFICATE OF TEST

EARLE H JORGENSEN CO 1900 MITCHELL BLVD SCHAUMBURG IL 60194	S H I P T O	EARLE H JORGENSEN CO 1900 MITCHELL BLVD SCHAUMBURG IL 60194	OUR ORDER NO. PS-10627-3-0
		05	DATE 05/22/03

CUSTOMER ORDER # & DATE P608482021	CUSTOMER REF. #	DISTRICT D CANTY	SHIPPED FROM SYRACUSE
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DESCRIPTION OF MATERIAL

CRU 316/316L (.03 MAX CARBON) RTA 509382 SIZE 11 RD **R671429**

ASTM A276-02 A479-02 ASME SA479 2001 ED

Q35 763F AMS 5648K AMS 5653F

ASTM A193-01B GR B8M CL1 (T316) ASME SA193 GR B8M 2001 ED (T316)

ASTM A320-01 GR B8M CL1 (T316) ASME SA320 GR B8M 2001 ED (T316)

HEAT NO.	CHEMICAL ANALYSIS									
	C	MN	P	S	SI	NI	CR	MO	CU	N
A14630	.018	1.73	.029	.024	.70	10.24	16.32	2.07	.26	.076

QUANTITY	HEAT NO.	MECHANICAL PROPERTIES				
		YLD. 2XPSI	TENSILE PSI	ELONG2IN	RED/AREAX	HARDNESS
8196 #	A14630	35,736	78,550	53.0	60.1	BHN 146

MACRO TEST OK
 GRAIN SIZE # 4
 INTERGRANULAR CORROSION TEST OK PER ASTM A262, PRACTICE E.
 MATERIAL ANNEALED AT 1900 DEG. F. - WATER QUENCHED.

"THIS MATERIAL WAS PRODUCED IN ACCORDANCE WITH CRUCIBLE POLICY MANUAL (01/22/02)"

"THE WILLFUL RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL STATUTES."

MATERIAL FREE FROM MERCURY CONTAMINATION AT TIME OF SHIPMENT
 NO WELD REPAIR PERFORMED
 MATERIAL MELTED IN U.S.A.

THANK YOU FOR SELECTING A QUALITY PRODUCT
 MANUFACTURED BY THE EMPLOYEES OF CRUCIBLE SPECIALTY METALS JM

SWORN TO AND SUBSCRIBED BEFORE ME THIS
 _____ DAY OF _____ 20

THE ABOVE MATERIAL WAS MANUFACTURED AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATIONS AND IS IN CONFORMANCE WITH THE SPECIFICATION REQUIREMENTS.
 CRUCIBLE MATERIALS CORPORATION
 ACTING BY AND THROUGH ITS SPECIALTY METALS DIVISION
 CERTIFIED BY *Jackie L. White*
 QUALITY ASSURANCE REPRESENTATIVE

NOTARY PUBLIC
JACKIE L WHITE - SPECIFICATION EXAMINER