

CERTIFICATE OF TEST

EARLE H JORGENSEN CO
1900 MITCHELL BLVD
SCHAUMBURG IL 60194

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EARLE H JORGENSEN CO
1900 MITCHELL BLVD
SCHAUMBURG IL 60194

OUR ORDER NO.
PS 16304-6-01
DATE
01/18/07

CUSTOMER ORDER # & DATE: P916727013
CUSTOMER REQ #:
DISTRICT: B PARSONS
SHIPPED FROM: SYRACUSE

DESCRIPTION OF MATERIAL: CRU 316/316L RTA 523266 SIZE 16 RD
ASTM-A276-06 A479-06A ASME-SA479-04ED
AMS-QQ5-763A (Q89) QQ-S-763F AMS-5648K AMS-5653F
ASTM-A193-06a GR B8M CL 1 (T316) ASME-SA193-04ED GR B8M (T316)
ASTM-A320-05A GR B8M CL 1 (T316) ASME-SA320-04ED GR B8M (T316)
ER 10204 3.1.B

EAT NO.	CHEMICAL ANALYSIS									
	C	MN	P	S	SI	NI	CR	MO	CU	N
A18538	.020	1.59	.023	.030	.47	10.11	16.44	2.08	.24	.078

QUANTITY	HEAT NO.	MECHANICAL PROPERTIES				
		TENSILE PSI	YLD. 2%PSI	ELONG40	RED/AREA2	HARDNESS
6052 #	A18538	80,050	35,880	60.1	68.7	BHN 142

BACK TEST OK
GRAIN SIZE # 3.0
INTERGRANULAR CORROSION TEST OK PER ASTM A262, PRACTICE E.
MATERIAL ANNEALED AT 1700 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

SWORN TO AND SUBSCRIBED BEFORE ME THIS

____ DAY OF _____ 20

NOTARY PUBLIC
DIANA L. MARSH

CERTIFIED BY:

THE ABOVE MATERIAL WAS MANUFACTURED AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATIONS AND IS IN CONFORMANCE WITH THOSE SPECIFICATION REQUIREMENTS.
CRUCIBLE MATERIALS CORPORATION
ACTING BY AND THROUGH ITS SPECIALTY METALS DIVISION

QUALITY ASSURANCE REPRESENTATIVE

QUALITY ASSURANCE REPRESENTATIVE