



CERTIFICATE OF TEST

S O L D T O	A M CASTLE, INC	S H I P T O	A M CASTLE, INC	OUR ORDER NO.	PS-18592-6-
	3400 N WOLF RD FRANKLIN PARK, IL 60131		3400 N WOLF RD FRANKLIN PARK, IL 60151	DATE	03/05/07

CUSTOMER ORDER # & DATE 01-25063	CUSTOMER REQ. #	DISTRICT B PARSONS	SHIPPED FROM SYRACUSE
-------------------------------------	-----------------	-----------------------	--------------------------

DESCRIPTION OF MATERIAL

SIZE

CRU 316/316L RT A IAC 31026 16 RD
 AMC 3316-98 REV 25 ASTM-A182-06 (CHEM & MECH) A193-06A (EX PAR 6.3)
 A276-06 A479-06A ASME-SA182-04ED (CHEM & MECH) ASME-SA193-04ED
 (EX PAR 6.3) ASME-SA479-04ED AMS-5648K AMS-5653F AMS-006-763A
 UNS-S31600/31603 HIL-S-7720 AMD 1 COMP 316 (EX CU)

HEAT NO.

CHEMICAL ANALYSIS

A18738	C	MN	P	S	SI	NI	CR	MO	CU	CO	N
	.018	1.59	.026	.026	.43	10.12	16.38	2.12	.11	.35	.074

QUANTITY

HEAT NO.

MECHANICAL PROPERTIES

6262 # A18738	TENSILE PSI	YLD. 2% PSI	%ELONG 4D	RED/AREA%	HARDNESS
	75,260	31,980	56.5	70.1	RHN 140

MARKED TEST OK
 GRAIN SIZE # 4
 INTERGRANULAR CORROSION TEST OK.
 MATERIAL ANNEALED AT 1900 DEG. F. - WATER QUENCHED.
 CRUCIBLE MATERIALS CORP. VENDOR #18610.
 MATERIAL INGOT CAST.
 NAFTA - YES

CASTLE METALS CORP
 DATE RCVD 3-19-07
 IAC 31026
 APPROVED BY [Signature]

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 IN

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

 NOTARY PUBLIC

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: [Signature]
 QUALITY ASSURANCE REPRESENTATIVE