



C3A6

METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 731023 12 Mail To:

Ship To:

Date: 4/23/2012 Page: 1

Customer: 007050 001

Steel: 316/316L

Finish: HRAP

Your Order: 51016

NAS Order: DS 0000359 02

Corrosion: ASTM A262/02aE;180Bend-OK

PRODUCT DESCRIPTION:

STAINLESS STEEL PLATE, HRAP; UNS 31600/31603
ASTM A240/11b, A480/11b, A666/10; ASME SA240/11a, SA480/11a, SA666/11a
CHEM ONLY ON FOLLOWING ASTM: A276/10, A479/11, A484/11, A312/11
CHEM ONLY ON FOLLOWING ASME: SA312/11, SA479/11
AMS 5507F/5524L X MRK;
NACE MR0175/ISO 15156-3:2003 A, MR0103/07; QQS766D-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; QQS763F Cond A; RoHS Compliant
Material is Free of Radioactive Contamination
NAS Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
*Melted & Manufactured in the USA; Mat'l is DFARS Compliant
EN 10204 3.1.B

Product Id	Plate#	Skid #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	Commodity Code
06C3A6 AA	06C3A6 AA		1.7575	60.0000	7,415	PLATE	240.00	20	1

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CR	CU	MN	MO	N	NI	P	S
C3A6	US	.0151	16.9040	.4250	1.4460	2.0185	.0448	10.0700	.0285	.0010
	SI									
		.2415								

MECHANICAL PROPERTIES

Product Id#	Plate#	1 d o i c r	UTS	.2% YS	ELONG	Hard	R of A
			KSI	KSI	%-2"	RB	%
06C3A6 AA	06C3A6 AA	F T	85.92	41.06	56.58	80.00	67.88

NAS hereby certifies that the analysis on this certification is correct and meets the specifications stated.

Technical Dept. Mgr.

ERIC HESS

4/23/2012

0002/0002

06/22/2012 12:21 FAX