



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 588155 6	Mail To:	Ship To:	Date: 9/23/2010	Page: 1
Customer: 008015 002	C/O LOGISTICS SERVICES FORWARDING CO. 7620 VICTORIA COURT SUITE 1 BROWNSVILLE, TX 78521	C/O LOGISTICS SERVICES FORWARDING CO. 7620 VICTORIA COURT SUITE 1 BROWNSVILLE, TX 78521	Steel: 316L	Finish: HRAP
Your Order: PO10SL001012	NAS Order: PN 0010809 01	Corrosion: ASTM A262/02aE;180Band-OK		

PRODUCT DESCRIPTION:

STAINLESS STEEL CONT. MILL PLATE, HRAP; UNS 31603
 ASTM A240/10, A480/10, A666/03; ASME SA240/10, SA480/10, SA666/10
 CHEM ONLY ON FOLLOWING ASTM: A276/08a, A479/08, A484/08, A312/08a
 CHEM ONLY ON FOLLOWING ASME: SA312/07, SA479/07
 AMS 5507F XMRK;
 NACE MR0175/01, MR0103/07; Q98766D-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; Q98763F 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

Product Id	Coil #	Skid #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	Commodity Code
D50119	047LB1 A		.3748	60.0000	3,160	SHEETS 240.00	2	2	

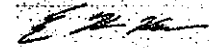
CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CR	CU	MN	MO	N	NI	P	S
7LB1	US	.0161	16.9945	.4365	1.6635	2.0485	.0456	10.1500	.0310	.0017
		SI								
		.3100								

MECHANICAL PROPERTIES

Product Id#	Coil #	1 d o i c r	UTS KSI	.2% YS KSI	ELONG %-2"	Hard	Tail
						RB	Hard
D50119	047LB1	F T	90.27	58.11	46.18	85.00	89.50

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

QC ENGINEER  9/23/2010
ERIC HESS