



C1L7

METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

C053245

6870 HIGHWAY 42 EAST

Certificate: 727861 4	Mail To:	Ship To:	Date: 4/11/2012	Page: 1
Customer: 007226 001	ASA ALLOYS 20 CHALLENGER CRES. SHERWOOD PARK, AB T8H2R1	ASA ALLOYS 20 CHALLENGER CRES. SHERWOOD PARK, AB T8H2R1	Steel: 316/316L	
			Finish: HRAP	

Your Order: P026279	NAS Order: PN 0018116 06	Corrosion: ASTM A262/02aE;180Bend-OK
---------------------	--------------------------	--------------------------------------

PRODUCT DESCRIPTION:

STAINLESS STEEL CONT.MILL PLATE, HRAP; UNS 31600/31603
 ASTM A240/10,A480/10,A666/10; ASME SA240/10,SA480/10,SA666/10
 CHEM ONLY ON FOLLOWING ASTM: A276/10,A479/10a,A484/10,A312/09
 CHEM ONLY ON FOLLOWING ASME: SA312/10,SA479/10
 AMS 5507F/5524L X MRK;
 NACE MR0175/01, 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

Product Id	Coil #	Skid #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	Commodity Code
DA7249	01C1L7 E		.3748	48.0000	3,565	SHEETS	096.00	13	7

CHEMICAL ANALYSIS

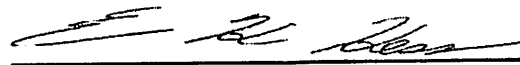
HEAT	CM	C	CR	CU	MN	MO	N	NI	P	S
C1L7	US	.0170	16.5570	.4890	1.4865	2.0110	.0453	10.0050	.0330	.0010
	SI									
		.2870								

MECHANICAL PROPERTIES

Product Id#	Coil #	l o c i d	UTS KSI	.2% YS KSI	ELONG %-2"	Hard RB	Tail Hard
DA7249	01C1L7	F T	86.83	51.98	51.14	87.00	86.00

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

Technical Dept. Mgr.


 ERIC HESS

4/11/2012