INOXIDABLES Y PROCESOS S.A. de C.V.

31-08-2010

NAS

METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 571449 1

Customer: 008010 002

Mail To:
C/O LOGEN FORWARDING, INC.
14405 ATLANTIC ITC IND. PARK
LAREDO, TX 78045

Ship To:
C/O LOGEN FORWARDING, INC.
14405 ATLANTIC ITC IND. PARK
LAREDO, TX 78045

Date: 7/08/2010 Page: 1

Steel: 316/316L

Finish: 2B

Your Order: CL6022

NAS Order: PN 0009759 13

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

PRODUCT DESCRIPTION:

STNLS STL COIL, C.R. ANNEALED & PICKLED; UNS S31600/S31603
ASTM A240/10,A480/10,A666/03; ASME SA240/07,SA480/07,SA666/07
CHEM ONLY ON FOLLOWING ASTM: A276/06a,A479/01,A484/06b,A312/07
CHEM ONLY ON FOLLOWING ASME: SA312/07,SA479/07
AMS 5507F/5524L X MRK;
NACE MR0175/01, MR0103/07; QQN766D-A X MAG FERRM
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 9001:2000

Product Id	Coil #	Skid #	Thickness	Width	Weight	Length	Mark	Pieces	Commodity Code
0478Y0 A	0478Y0 A		.1163	40.0000	10.510	COIL	3	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
7870	US	.0103	16.6130	.3950	1.5265	2.0000	.0530	10.0020	.0330	.0010

NI
.3890

MECHANICAL PROPERTIES

Product Id#	Coil #	Loc	Dir	UTS KSI	.2% YS KSI	ELONG % 2"	HRB	Tail Hard
0478Y0 A	0478Y0 A	F	T	89.40	40.69	47.31	92.50	82.50

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

QC ENGINEER _____ 7/08/2010

Att.

Miguel Angel Chávez