



NORTH AMERICAN
STAINLESS

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 794470 03 Mail To:

Ship To:

Date: 12/13/2012 Page: 1

Customer:

Steel: 304/304L

Finish: 2B

Your Order:

NAS Order:

Corrosion: ASTM A262/02aE, 1808end-OK

E6Y0

PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED. UNS 30400/30403
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 5511H/5513J XMRK; MIL-5059D AMD3 (X CRN MEAS); MIL-4043B
NACE MR0175/ISO 15156-3:2003 A, MR0103/07; QOS766D-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED
ASTMA262/02PR A

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; RoHS Compliant
Material is Free of Radioactive Contamination
NAS Steel Making Process: EAF, AOD, & Cont. Coating
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
Annealing Temp did not exceed 2100F
*Melted & Manufactured in the USA; Mat'l is DFARS Compliant

Product ID #	Coil #	Thickness	Width	Weight	-----Length-----	Mark	Pieces
04E6Y0 A	* 04E6Y0 A	.1200	60.0000	20,270	COIL	849.30	6

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
E6Y0	US	.0225	.2220	18.1665	.3575	1.8110	.3245	.0728	8.0410	.0320
		S %	SI %							
		.0010	.2460							

MECHANICAL PROPERTIES

Product ID #	Coil #	T	1 d	.2% YS	ELONG	Hard	Tail
			o i				
		c r	KSI	KSI	%-2"	RB	Hard
04E6Y0 A	04E6Y0 A	F T	91.19	47.67	54.86	85.50	85.00

SV
mc

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

[Signature]



Job Inspection Report

WO#: 6103	Description: Paddle Tabs 2-6	
PO#: 2663	Customer: CPA	Date: Apr 23/14

Drawing Dimension	First Off		Final QC			
	Actual Dimension	Initials	Actual Dimension(s)			Initials
0.750	0.753	MC DW	.750	$\frac{1}{16}$.752	MC
8.500	8.505	MC DW	8.497		8.502	
1.150	1.147	MC DW	1.140		1.147	
0.125	0.118	MC DW	.118		.118	
R0.575	0.573	MC DW	✓		✓	