



# METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS  
6870 HIGHWAY 42 EAST  
GHENT, KY 41045

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Certificate: 941208 1

Customer: 005308 007

Date: 4/22/2014 Page: 1

Steel: 304/304L

Finish: 1

Your Order: MM0415

NAS Order: IN 0189146 01

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

2757

## PRODUCT DESCRIPTION:

STAINLESS STEEL CONT. MILL PLATE, HRAP; UNS 30400/30403  
ASTM A240/13a, A480/13, A666/10; ASME SA240/13, SA480/13, SA666/13  
CHEM ONLY ON FOLLOWING ASTM: A276/13, A479/13a, A484/13a, A312/13  
CHEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13  
AMS 5511H/5513J XMRR; MIL-5059D AMD3 (X CRN MEAS); MIL-4043B  
NACE MR0175/ISO 15156-3:2003 A, MR0103/07; Q08766D-A X MAG PERM  
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED  
SAE AMS QQ-S-763

## REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.  
EN 10204:2004 3.1; ROHS 1 & 2 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 DPARS Compliant

Product Id	Coil #	Skid #	Thickness	Width	Weight	Length	Mark	Pieces	Commodity Code
DK6010	02L7J7 A		.2440	48.0000	4,820 SHEETS	144.00	1	10	

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
L7J7	US	.0148	18.4545	.4550	1.7785	.3840	.0954	8.0285	.0325	.0010
SI %										
.2305										

## CHEMICAL ANALYSIS

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

Chemical Analysis per ASTM A751/08

## MECHANICAL PROPERTIES

Product Id#	Coil #	UTS	.2% YS	ELONG	Hard	Tail	
		KSI	KSI	%-2"	RB	Hard	
DK6010	02L7J7	FT	92.30	53.59	49.82	90.00	88.00

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.

ERIC HESS  
4/22/2014

SW

