

METALLURGICAL TEST REPORT

Certificate: 887605 02
Customer: 0305 405

Ship To:

Date: 12/07/2023 Page: 1

Steel: 304/304L

Finish: HRAP

Your Order: 505756

NAS Order: AN 1038622 01

Corrosion: ASTM A262/21;180Bend-OK

PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, HRAP; UNS 30400/30403
ASTM A240/23,A480/23,A666/23;ASME SA240/19,SA480/19,SA666/19
CHEM ONLY ON FOLLOWING ASTM: A276/17,A479/23,A484/23,A312/22a
CHEM ONLY ON FOLLOWING ASME: SA312/19,SA479/19
AMS 5511K/5513J XMRK; MIL-5059D AMD3 (X CRN MEAS); MIL-4043B
NACE MR0175/ISO 15156-3:2015 A, 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; RoHS 1, 2 & 3 Compliant
Material is Free of Radioactive Contamination
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 #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
05AK3M B	* 05AK3M B	.1875	48.0000	19,260	COIL 630.10	1	1	120553

ANAB, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS

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

Chemical Analysis per ASTM A751/20

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
AK3M	US	.0163	18.0375	.3595	1.7790	.3780	.0796	8.2025	.0315	.0011
		SI %								
		.3250								

MECHANICAL PROPERTIES

Product ID #	Coil #	l o c	d i r	UTS KSI	20C KSI	.2% YS KSI	20C ELONG %-2"	% Hard RB	Tail Hard
05AK3M B	05AK3M B	F	T	95.61		46.25	51.44	83.50	85.50

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.


KRIS LARK 12/11/2023