

Certificate of Mill Test Results

ALUMINUM AND STAINLESS INC PO/Rel: 0600654
 STNLS PLATE SPLM 304/304L 1.25" x 48" x 96"

Contact: TIM DAVIS

Inv: I772476 Date: 12/19/23
 Heat: AH2T



METALLURGICAL TEST REPORT

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

Certificate: 883128 05 Mail To:
 Customer:

Ship To:

Date: 11/12/2023 Page: 1

Steel: 304/304L

Finish: HRAP

Corrosion: ASTM A262/21 A 180Bend-OK

Your Order: PO66160

NAS Order: AN 1033875 13

PRODUCT DESCRIPTION:

STAINLESS STEEL PLATE, HRAP; UNS 30400/30403
 ASTM A240/23, A480/23, A666/23; ASME SA240/19, SA480/19, SA666/19
 NACE MR0175/ISO 15156-3:2015 A, MR0103/07; QQS766D-A X MAG PERM
 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-S-5059D AMD3 (X CRN MEAS); MIL-S-4043B
 NACE MR0175/ISO 15156-3:2015 A, MR0103/07; QQS766D-A X MAG PERM
 MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED
 ASME Sect. II, 1995 Edition, 1996, 1997, 2019 Addenda
 ASTMA262/02PR A/E

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
 Annealing Temp did not exceed 2100F
 *Melted & Manufactured in the USA; Mat'l is DFARs Compliant

LC96805 M213732

Product ID #	Coil #	Thickness	Width	Weight	-----Length-----	Mark	Pieces
05AH2T CA	* 05AH2T CA	1.2500	48.0000	8,760	PLATE	485.00 21	1

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	B %	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %
AH2T	US	.0008	.0209	.3110	18.1815	.3930	1.7405	.3275	.0739	8.0350
		P %	S %	SI %						
		.0295	.0015	.4410						

MECHANICAL PROPERTIES

Product ID #	Coil #	l o c r	d i c t	UTS KSI	20C .2% YS KSI	20C ELONG %-2"	% Hard RB	A 262 Pr A R of A Pr A %
05AH2T CA	05AH2T CA	F	T	89.34	41.28	57.30	82.00	OK 80.25

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 11/12/2023