

METALLURGICAL TEST REPORT

Certificate: 943946 03 Mail To:
 Customer: 0305 403

Ship To:

Date: 9/11/2024 Page: 1

Steel: 304/304L

Finish: HRAP

Your Order: 603813

NAS Order: AN 1067583 01

Corrosion: ASTM A262/21 A 180Bend-OK

PRODUCT DESCRIPTION:

STAINLESS STEEL PLATE, HRAP; UNS 30400/30403
 ASTM A240/23,A480/23,A666/23;ASME SA240/23 SA480/23,SA666/19
 CHEM ONLY ON FOLLOWING ASTM: A276/17,A479/23,A484/23,A312/22a
 CHEM ONLY ON FOLLOWING ASME: SA312/23,SA479/23
 AMS 5511K/5513L 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
 ASTM A240 07

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

Skid #	Prod #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
PX9381	* 03BR7B	.5000	48.0000	3,350	PLATE	96.000	5	138193

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 %
BR7B	US	.0194	18.0920	.4860	1.8345	.3150	.0761	8.1615	.0295	.0023
		SI %								
		.3195								

MECHANICAL PROPERTIES

Skid #	Prod #	l o c a l	UTS KSI	20C KSI	.2% YS KSI	20C ELONG %-2"	% Hard RB	R of A %
PX9381	03BR7B	F T	81.19	33.14	68.88	77.00	72.16	

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. 
 DANIEL HARGETT 9/11/2024