



**NORTH AMERICAN
STAINLESS**
An Acerinox Group Company

METALLURGICAL TEST REPORT

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

Certificate: 861458 01 Mail To:
Customer: 1310 046

Ship To:

Date: 7/13/2023 Page: 1

Steel: 304/304L

Finish: HRAP

Your Order: 772606

NAS Order: AN 1023030 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 SA240/19 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-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

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

Skid #	Prod #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
PW4628	* 04Y66C	.5000	60.0000	7,500	PLATE	144.00	6	A240/304L

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 %	
Y66C	US	.0270	18.0175	.4985	1.9105	.4430	.0644	8.1590	.0295	.0010	
		SI %									
		.3775									

MECHANICAL PROPERTIES

Skid #	Prod #	l o c	d i r	UTS KSI	20C .2% YS KSI	20C ELONG %-2"	% Hard RB	R of A %
PW4628	04Y66C	F	T	82.95	33.94	67.82	73.00	71.64

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

7/13/2023