



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

010832

METALLURGICAL TEST REPORT

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

Certificate: 777314 9
Customer: 007060 004
HAMILTON, ON L8H3L4

Mail To: C.F.F. STAINLESS STEEL, INC.
1840 BURLINGTON STREET E.
HAMILTON, ON L8H 5R3

Ship To: C.F.F. STAINLESS STEEL, INC.
717 WOODWARD AVENUE
HAMILTON, ON L8H 5R3

Your Order: P002994

NAS Order: DS 0023544 06

Date: 5/02/2022 Page: 1
Steel: 316/316L
Finish: 1
Corrosion: ASTM A262/15 180Bend-OK

PRODUCT DESCRIPTION:

GRAINLESS STEEL PLATE, HRAP; UNS 31600/31603
ASTM A240/20A, A480/20A, A666/15; ASME SA240/19, SA480/19, SA666/19
CHEM ONLY ON FOLLOWING ASTM: A276/17, A479/20, A484/20B, A312/21
CHEM ONLY ON FOLLOWING ASME: SA312/19, SA479/19
AMS 5507H/5524M X WRK;
FACE NR0175/ISO 15156-3:2015 A, NR0103/07; Q08766D-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 DPMRS Compliant

Product ID	Plate#	Std #	Thickness	Width	Weight	Length	Mark	Pieces	Commodity Code
02T24V AB	02T24V AB		1.9999	61.4000	8.635	240.00	5	1	NA

CHEMICAL ANALYSIS (Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) ANNB, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/20

HEAT	CM	C %	CR %	CU %	MO %	NI %	P %	S %
T24V	DS	.0162	16.8125	.4630	1.2390	2.0320	.0552	10.0950
								.0290
								.0010
								.3170

MECHANICAL PROPERTIES

Product Id#	Yield	UTS	20C .2% YS	20C ELONG	Hard	R of A
	ksi	ksi	ksi	%-2"	RB	%
02T24V AB	F T	85.10	43.84	51.78	80.00	78.14

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

5/02/2022

Provided by CPA

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