



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

METALLURGICAL TEST REPORT

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

SN #6405-01 to
6405-10

016263

Certificate: 819251 1 Mail To: Ship To: Date: 11/23/2022 Page: 1
Customer: 007060 004 C.F.F. STAINLESS STEEL, INC. C.F.F. STAINLESS STEEL, INC. Steel: 316/316L
1840 BURLINGTON STREET E. 717 WOODWARD AVENUE
HAMILTON, ON L8H3L4 HAMILTON, ON L8H 6P3
Your Order: P005556 NAS Order: DS 0024265 01 Finish: 1
Corrosion: ASTM A262/15 180Bend-OK

PRODUCT DESCRIPTION:

STAINLESS STEEL PLATE, HRAP; UNS 31600/31603
ASTM A240/22a, 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 MRK;
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	Plate#	Skid #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	Commodity Code
01W52L AA	01W52L AA		2.4999	61.0000	10,665	PLATE 240.00	4	1	NA

ANAB, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/20

CHEMICAL ANALYSIS

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
W52L	US	.0185	16.9180	.5390	1.2360	2.0660	.0618	10.0550	.0365	.0011
SI %										
.3730										

MECHANICAL PROPERTIES

Product Id#	id	UTS	20C .2% YS	20C ELONG	% Hard	R of A
	o i	KSI	KSI	%-2"	RB	%
	c r					
01W52L AA	F T	83.02	38.78	57.68	79.00	73.95

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

11/23/2022

Provided by CPA

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