



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

010832

METALLURGICAL TEST REPORT

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

Certificate: 777314 9 Mail To: Ship To: Date: 5/02/2022 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 Finish: 1
HAMILTON, ON L8H3L4 HAMILTON, ON L8H 6P3 Corrosion: ASTM A262/15 180Bend-OK

Your Order: P002994 NAS Order: DS 0023544 06

PRODUCT DESCRIPTION:

STAINLESS 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 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 |
|------------|-----------|--------|-----------|---------|--------|------------------|------|--------|----------------|
| 02T24V AB | 02T24V AB | | 1.9999 | 61.4000 | 8,635 | PLATE 240.00 | 5 | 1 | NA |

ANAB, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS

Chemical Analysis per ASTM A751/20

| HEAT | CM | C % | CR % | CU % | MN % | MO % | N % | NI % | P % | S % |
|------|----|-------|---------|-------|--------|--------|-------|---------|-------|-------|
| T24V | US | .0162 | 16.8125 | .4630 | 1.2390 | 2.0320 | .0652 | 10.0950 | .0290 | .0010 |
| | | SI % | | | | | | | | |
| | | .3170 | | | | | | | | |

MECHANICAL PROPERTIES

| Product Id# | l o i c | d i r | UTS KSI | 20C .2% YS KSI | 20C ELONG %-2" | % Hard RB | R of A % |
|-------------|------------------|-------------|------------|-------------------|-------------------|-----------------|-------------|
| 02T24V AB | F | T | 85.10 | 43.84 | 51.78 | 80.00 | 78.14 |

Provided by CPA
www.flowconditioner.com,info@cpacl.ca

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

SN 6307 - 12 FOE X S