



**NORTH AMERICAN
STAINLESS**

METALLURGICAL TEST REPORT

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

Certificate: 810354 02 Mail To:
Customer:

Ship To:

Date: 10/04/2022 Page: 1

Steel: 316/316L

Finish: 2B

Your Order: 4501213054

NAS Order: AN 0998185 01

Corrosion: ASTM A262/15;180Bend-OK

PRODUCT DESCRIPTION:

STNLS STL COIL, C.R. ANNEALED & PICKLED; 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; QOS766D-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED
ASME Section II, 2019 Edition
NAS IS AN APPROVED MANUFACTURER IN ACCORDANCE WITH THE PRESSURE
EQUIPMENT DIRECTIVE PED 2014/68/EU.

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
EN 10204 3.1B (SUPERSEDED)
*Malted & Mfr'd & Tested in the USA;Mat'l is DFARS Compliant

16GA 316L

Product ID #	Coil #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE NUMBER
02V90R B	* 02V90R B	.0600	48.0000	16,720	COIL	1723.0	1	1 160009636

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 %
V90R	US	.0192	16.7365	.4480	1.2435	2.2085	.0514	10.0800	.0300	.0022
		SI %								
		.3145								

MECHANICAL PROPERTIES

Product ID #	Coil #	1 d o a c r	UTS KSI	20C .2% YS KSI	20C 1% YS KSI	20C ELONG % 1-2"	Hard RB	Tail Hard
02V90R B	02V90R B	F T	95.18	50.75	54.29	47.34	82.50	82.50

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

10/04/2022

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