



**NORTH AMERICAN
STAINLESS**

An Acerinox Group Company

Certificate: 846068 01 Me
Customer: 0305 802 NC

METALLURGICAL TEST REPORT

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

Date: 4/19/2023 Page: 1

Steel: 316/316L

Finish: 2B

Corrosion: ASTM A262/15;180Bend-OK

Ship To: NY

4685 BRIDGE ST
P

NAS Order: AN 1017374 01

Your Order: 101512

PRODUCT DESCRIPTION:

STNLS STL COIL, C.R. ANNEALED & PICKLED; 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
*Melted & Manufactured in the USA; Mat'l is DFARS Compliant

Product ID #	Coil #	Thickness	Width	Weight	Length	Mark	Pieces	COMMODITY CODE
05X54W B	* 05X54W B	.1200	48.0000	20,540	COIL	1046.5	1	1

ANAB, ISO/IEC 17025, Certificate# I2323

Chemical Analysis per ASTM A751/20

CHEMICAL ANALYSIS

CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
US	.0249	16.7990	.4620	1.1410	2.0100	.0657	10.0135	.0315	.0010
HEAT									
X54W									
SI %									
.2580									

MECHANICAL PROPERTIES

Product ID #	Coil #	UTS	20C	.2% YS	20C ELONG	% Hard	Tail
		ksi	ksi	ksi	%-2*	RB	Hard
05X54W B	05X54W B	97.66	92.40	55.95	46.60	87.00	87.00
05X54W B	05X54W B	92.40	46.46	49.11	80.50		

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

4/20/2023