



**NORTH AMERICAN
STAINLESS**
An Acerinox Group Company

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

METALLURGICAL TEST REPORT

Certificate: 828063 01
Customer: 0305 803

1000 LAKES BLVD.
BIRMINGHAM, AL 35217

Date: 1/19/2023 Page: 1

Steel: 304

Finish: 2B

BIRMINGHAM, AL 35217

Corrosion: ASTM A262/15 A;180Bend-OK

NAS Order: AN 1008225 01

Your Order: 210024

PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED; UNS 30400
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 5513J XMRK; MIL-S-5059D AMEND3 (X CROWN MEAS)
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
03W96D C	* 03W96D C	.1200	48.0000	17,950	COIL	924.00	4	1 3310

ANAB, ISO/IEC 17025, Certificate# 12323

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
W96D	US	.0466	18.1555	.4670	1.5840	.3810	.0529	8.0500	.0335	.0044
SI %										
.4045										

MECHANICAL PROPERTIES

Product ID #	Coil #	F T	92.48	41.78	55.38	83.00	84.50
		UTS	20C	.2% YS	20C ELONG	% Hard	Tail
		KSI	%-2"	RB	RB	Hard	
03W96D C	03W96D C						

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.
[Signature]
KRIS LARK 1/19/2023