

METALLURGICAL TEST REPORT

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

Certificate: 839186 01
Customer: 0305 403

Date: 3/14/2023 Page: 1

Steel: 304

Finish: 2B

Your Order: 201213

NAS Order: AN 1014008 01

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

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

Product ID #	Coil #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
06X51B B	* 06X51B B	.1200	48.0000	18,080	COIL	930.70	12	1 3310

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 %
X51B	US	.0551	18.0940	.3960	1.7485	.3540	.0737	8.3110	.0320	.0028
		SI %								
		.4125								

MECHANICAL PROPERTIES

Product ID #	Coil #	l o c k	UTS KSI	20C .2% YS KSI	20C ELONG %-2"	Hard RB	Tail Hard
06X51B B	06X51B B	F T	94.93	45.58	51.41	85.50	86.00

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 3/14/2023