

METALLURGICAL TEST REPORT

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

Artificate: 626924 02 Mail To: RELIANCE METALCENTER 33201 WESTERN AVENUE UNION CITY, CA 94587
Customer: 0082 001
Ship To: RELIANCE METALCENTER 33201 WESTERN AVENUE UNION CITY, CA 94587
Date: 9/04/2020 Page: 1
Steel: 304
Finish: 2B

Order: 02-54318 NAS Order: AN 0905835 05 Corrosion: ASTM A262/15 A;180Bend-OK

PRODUCT DESCRIPTION:
STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED; UNS 30400
ITEM A240/19, A480/19, A666/15; ASME SA240/17, SA480/17, SA666/17
ITEM ONLY ON FOLLOWING ASTM: A276/17, A479/17, A484/16, A312/16
ITEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
REMARKS:
Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; RoHS 1 & 2 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	Mark	Pieces	ITEM NUMBER
01J14J A	* 01J14J A	.0300	48.0000	9,980	2217.9	5	1 30709-1-048

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)
ANAB, ISO/IEC 17025, Certificate# L232
Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
J14J	US	.0484	18.1260	.6195	1.6755	.3875	.0760	8.0105	.0270	.0030

SI %
.2635

MECHANICAL PROPERTIES

Product ID #	Coil #	F T	100.16	53.31	46.51	58.00	53.50
01J14J A	01J14J A						

Product ID # Coil # F T 100.16 53.31 46.51 58.00 53.50

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Product ID # Coil # F T 100.16 53.31 46.51 58.00 53.50

RELIANCE QUALITY ASSURANCE
SEP 21 2020
DATE
PASSED RECEIVED

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 9/04/2020

METALLURGICAL TEST REPORT

Certificate: 659256 01 Mail To:
 Customer: 0082 001 RELIANCE METALCENTER
 33201 WESTERN AVENUE
 UNION CITY, CA 94587

Ship To:
 RELIANCE METALCENTER
 33201 WESTERN AVENUE
 UNION CITY, CA 94587

Date: 1/14/2021 Page: 1

Steel: 304

Finish: 2B

Your Order: 02-54575

NAS Order: AN 0919958 11

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

PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED; UNS 30400
 ASTM A240/20, A480/20a, A666/15; ASME SA240/17, SA480/17, SA666/17
 CHEM ONLY ON FOLLOWING ASTM: A276/17, A479/17, A484/16, A312/16
 CHEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
 AMS 5513J XMRK; MIL-S-5059D AMEND3 (X CROWN MEAS)
 NACE MR0175/ISO 15156-3:2009 A, MR0103/07; QQS765D-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 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	ITEM NUMBER
01K36P DB	* 01K36P DB	.0300	48.0000	10,670	COIL	2281.3	13	1 30709-1-048

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

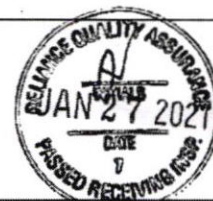
ANAB, ISO/IEC 17025, Certificate# L2323

Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
K36P	US	.0477	18.0590	.4405	1.6720	.4560	.0535	8.0075	.0290	.0010
SI %										
.2820										

MECHANICAL PROPERTIES

Product ID #	Coil #	UTS KSI	20C .2% YS KSI	ELONG %-2"	Tail Hard	Hard R45T R45T
01K36P DB	01K36P DB	FT 102.54	52.26	46.00	54.00	54.50



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

1/14/2021