

K6M1



METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

/NOPT57754

740 Imperial Road North

Certificate: 959398 1
Customer: 007050 001

Mail To:
ROLARK STAINLESS STEEL, INC.
71 CONAIR PARKWAY
WOODBIDGE, ON L4H0S4

Ship To:
ROLARK STAINLESS STEEL, INC.
71 CONAIR PARKWAY
WOODBIDGE, ON L4H0S4

Date: 6/19/2014 Page: 1

Steel: 316/316L

Finish: 1

Corrosion: ASTM A262/10 A

Your Order: 57754

NAS Order: DS 0006034 01

PRODUCT DESCRIPTION:

STAINLESS STEEL PLATE, HRAP; UNS 31600/31603
ASTM A240/13c,A480/13,A566/10;ASME SA240/13,SA480/13,SA566/13
CHEM ONLY ON FOLLOWING ASTM: A276/13,A479/13a,A484/13a,A312/13
CHEM ONLY ON FOLLOWING ASME: SA312/11,SA479/11
AMS 5507G/5524L X MRK;
NACE MR0175/ISO 15156-3:2003 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 Compliant
Material is Free of Radioactive Contamination
NAS 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 DPAE Compliant
EN 10204 3.1.B

Product Id	Plate#	Skid #	Thickness	Width	Weight	Length	Mark	Pieces	Commodity Code
04K6M1 C	04K6M1 C		2.0213	49.0000	6,920 PLATE	240.00		1	1

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

Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CR %	CU %	MN %	NO %	N %	NI %	P %	S %
K6M1	US	.0159	16.6115	.3950	1.3670	2.0050	.0657	10.0200	.0310	.0033
		SI %								
		.2495								

MECHANICAL PROPERTIES

Product Id#	Plate#	1 d	UTS	20C .2% YS	20C ELONG	% Hard	R of A
		o 1	KSI	KSI	%-2"	RB <td>%</td>	%
		e r					
04K6M1 C	04K6M1 C	P T	78.83	36.13	61.13	81.50	74.44

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.

AS Bhavs

ABHINAV BHAVE

6/19/2014