

002/002



DAD9

# METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS  
6870 HIGHWAY 42 EAST  
GHENT, KY 41045

C0802/0

70 HIGHWAY 42 EAST

Certificate: 834411 6  
Customer: 007226 001

Mail To:  
ASA ALLOYS  
20 CHALLENGER CRES.  
SHERWOOD PARK, AB T8H2R1

Ship To:  
ASA ALLOYS  
20 CHALLENGER CRES.  
SHERWOOD PARK, AB T8H2R1

Date: 5/09/2013 Page: 1

Steel: 316/316L

Finish: ST

Our Order: P029779

NAS Order: PN 0027336 14

Corrosion: ASTM A262 Prac B OK

### PRODUCT DESCRIPTION:

ANCE MR0175 (MID RADIUS ONLY)  
Round Bar, Annealed, Smooth Turned, Cold Finished  
SS 31600/31603, EN 10204 3.1, ASTM A484/11  
ASTM A276/10, ASTM A479/11, ASTM A182/10 CHEM ONLY,  
ASME SA479/10a, ASME SA182/10 CHEM ONLY, ASTM F899/11  
AMS 5648L/AMS 5653G, AMS QQS-763B, QQS 763F  
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8M  
ASTM A193/10A-ASME SA193/10 CL 1 GR B8M (EXC PAR 7.2)

### REMARKS:

COMPLIES W/REQUIREMENTS OF DFMAR 252.225-7014A-1 EU DIRECTIVE  
2011/65/EU. RoHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BP3775 0		2.0000		1,598	240.00		6	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 %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
09D9	US	.0221	.2640	16.6490	.5250	1.3945	2.0570	.0418	10.5350	.0320
		S %	SI %							
		.0205	.2875							

### MECHANICAL PROPERTIES

Product Id	Id	HB	.2YS	UTS	RA	Elong
	o i	No.	KSI	KSI	%	% 4D
	c r					
BP3775 0	R L	205.00	86.00	105.00	64.00	41.00

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 analyzed and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr.

ERIC HESS

5/2013

03/03/2022 10:06 FAX