



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

0058102

6870 HIGHWAY 42 EAST

Certificate: 747422 1
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: 6/20/2012 Page: 1

Steel: 316/316L

Finish: ST

Your Order: P027086

NAS Order: PN 0019599 08

Corrosion: ASTM A262 Prac E OK

PRODUCT DESCRIPTION :

NACE MR0175(MID RADIUS ONLY)
Round Bar, Annealed, Smooth Turned, Cold Finished
UNS 31600/31603, EN 10204 3.1, ASTM A484/10
ASTM A276/10, ASTM A479/11, ASTM A182/10 CHEM ONLY,
ASME SA479/10a, ASME SA182/10 CHEM ONLY
AMS 5648K/AMS 5653G, AMS QQS-763B, QQS 763F

REMARKS :

COMPLIES W/REQUIREMENTS OF DEFAES EU DIRECTIVE 2002.95.
EC. RoHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

C7B6

Product Id	Skid #	Diameter	Size	Weight	-----Length-----	Mark	Pieces	Commodity Code
BE6640 5		2.1250		1,040	144.00	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 %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
C7B6	US	.0151	.2750	16.7060	.3940	1.4445	2.0380	.0475	10.5350	.0285
		S %	SI %							
		.0285	.2700							

MECHANICAL PROPERTIES

Product Id	l o c	d i c	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 4D
BE6640 5	R	L	173.00	43.00	88.00	67.00	47.00

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.

ERIC HESS

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6/20/2012