



2" FTBR

8XM5

METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS  
6870 HIGHWAY 42 EAST  
GHEENT, KY 41045

C029033

6870 HIGHWAY 42 EAST

Certificate: 636274 4

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: 4/19/2011 Page: 1

Steel: 316/316L

Finish: ST

Your Order: P023360

NAS Order: PN 0012871 29

Corrosion: ASTM A262 Prac E OK

PRODUCT DESCRIPTION:

Round Bar, Annealed, Smooth Turned, Cold Finished  
UNS 31600/31603, EN 10204 3.1, ASTM A484/08  
ASTM A276/10, ASTM A479/10a, ASTM A182/08A CHEM ONLY,  
ASME SA479/10a, ASME SA 182/08A CHEM ONLY  
AMS 5648R/AMS 5653F, AMS QQ9-763B, QQ9 763F  
NACE MR0175 (MID RADIUS ONLY)

REMARKS:

COMPLIES W/REQUIREMENTS OF DEARS EU DIRECTIVE 2002.95.  
EC. R693. EAP+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
BD6914 B		3.7500		1,280	144.00	5	1	

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

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
8XM5	US	.0140	.1480	17.0475	.4220	1.4770	2.0520	.0468	10.5350	.0315
		S	SI							
		.0220	.2735							

MECHANICAL PROPERTIES

Product Id	1 d n i c t	HD No.	2YS RSI	UTS KSI	RA %	Elong % 4D
BD6914 B	R L	142.00	38.00	83.00	71.00	61.00

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

QC ENGINEER

ERIC HESS

4/19/2011