

9AC9 3" TBR

0028474



6870 HIGHWAY 42 EAST

Certificate: 634584 2

Customer: 007226 001

Mail To:

ASA ALLOYS
20 CHALLENGER CRES.
SHERWOOD PARK, AB 7982R1

Ship No:

ASA ALLOYS
20 CHALLENGER CRES.
SHERWOOD PARK, AB 7982R1

Date: 4/13/2011

Page: 1

Steel: 316/316L

Finish: ST

Your Order: P023350

NAS Order: PN 0012871 27

Corrosion: ASTM A262, Prac E OK

PRODUCT DESCRIPTION:

Round Bar, Annular, Smooth turned, Call Finished
DIN 31600/31603, EN 10204 3.1, ASTM A264/0B
ASTM-A275/0D, ASTM A375/0E, ASTM A382/0BA CRES ONLY
ASME SA475/10A, ASME SA 182/08A CRES ONLY
AMS 5618R/MS 5653E, AMS 008-763B, Q35 763F
NACE MR0175 (MID RADIUS ONLY)

REMARKS:

COMPLIES W/REQUIREMENTS OF DYARS BU DIRECTIVE 2002-95
RC, RAHS, EAR-ROD-OC, 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
BD670	0	3.2500		1,040	148.00	21	1	

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

HEAT	CH	C	CP	CR	CU	CO	MO	N	NI	P
9AC9	US	.0220	.3205	16.8490	.4035	1.3665	2.0750	.0476	10.5450	.0360
	S		.91							
		.0285	.2126							

MECHANICAL PROPERTIES

Product Id	U	HB	2YS	UTS	RA	Ring
BD670	0	No.	KSI	KSI	%	%
	RL	189.00	68.00	90.00	65.00	42.00

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

QC ENGINEER

ERIC HESS

4/13/2011

MS