

BULL MOOSE TUBE COMPANY

BULL MOOSE TUBE ELKHART FACILITY  
CERTIFICATION OF TESTS  
EN 10204:2004 TYPE 3.1 CERT

03/15/14  
Page 1 of 6

50925

1819 Clarkson Rd.  
Chesterfield, Missouri 63017

ORIGINAL

BILL TO Ferre Barniedo, S.A. de C.V.  
Av. Revolucion No. 81  
San Cristobal- Ecatepec  
FINAL DEST.: SAN LUIS POTOSI  
Edo. de Mexico 55000

SHIP TO TAF Forwarding Agency  
TAF Forwarding Agency, Inc.  
1207 Uniroyal Drive-Unitek Ind. Park  
Patent#4100 Apd Jorge M. Medrano Sanchez  
FINAL DEST.: SAN LUIS POTOSI  
Laredo TX 78041

B/L Number 313053

Ship Via

TTPX\_806121

12" X 4" X 0.250 HR X 40'  
101.6 X 304.8 mm  
ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Customer Item

Order # 446026  
Purchase Order # 600931  
Item # 100567 2569  
#

Raw Material is of Domestic Origin - Melted and Manufactured in the USA

Heat # = 666322

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.080	.680	.008	.010	.036	.015	.037	.040	.050	.010	0.000	.004	0.000	0.000	.003	.210	67480	76350	31

12" X 4" X 0.250 HR X 40'  
101.6 X 304.8 mm  
ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Customer Item

Order # 446026  
Purchase Order # 600931  
Item # 100567 2569  
#

Raw Material is of Domestic Origin - Melted and Manufactured in the USA

Heat # = 335815-CAP

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.065	.704	.007	.005	.043	.015	.030	.016	.029	.008	.001	.006	0.000	.015	.006	.194	57540	67360	33

12" X 4" X 0.250 HR X 40'  
101.6 X 304.8 mm  
ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Customer Item

Order # 446026  
Purchase Order # 600931  
Item # 100567 2569  
#

Raw Material is of Domestic Origin - Melted and Manufactured in the USA

Heat # = 666322

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.080	.680	.008	.010	.036	.015	.037	.040	.050	.010	0.000	.004	0.000	0.000	.003	.210	67480	76350	31

Raw Material is of Domestic Origin - Melted and Manufactured in the USA

Heat # = S55192

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.070	.650	.005	.010	.045	.013	.038	.050	.040	.010	0.000	.004	0.000	0.000	.004	.193	66150	74910	32

Quality Manager: Richard Cary

THIS WELDED STEEL TUBING IS MANUFACTURED IN THE UNITED STATES OF AMERICA AND HAS BEEN PRODUCED IN ACCORDANCE WITH THE STATED SPECIFICATION. LADLE CHEMISTRIES ARE REPORTED FROM DOCUMENTS PROVIDED BY THE SUPPLYING STEEL MILL. ANY PHYSICAL AND MECHANICAL TESTING RESULTS SHOWN ON THIS CERTIFICATION ARE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

50925

1819 Clarkson Rd.  
 Chesterfield, Missouri 63017

**ORIGINAL**

**BILL TO** Ferre Barniedo, S.A. de C.V.  
 Av. Revolucion No. 81  
 San Cristobal- Ecatepec  
 FINAL DEST.: SAN LUIS POTOSI  
 Edo. de Mexico 55000

**SHIP TO** TAF Forwarding Agency  
 TAF Forwarding Agency, Inc.  
 1207 Uniroyal Drive-Unitek Ind. Park  
 Patent#4100 Apd Jorge M. Medrano Sanchez  
 FINAL DEST.: SAN LUIS POTOSI  
 Laredo TX 78041

B/L Number 313053

Ship Via

TTPX\_806121

12" X 4" X 0.250 HR X 40'

101.6 X 304.8 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Order # 446026

Purchase Order # 600931

Item # 100567 2569

#

Customer Item

Raw Material is of Domestic Origin - Melted and Manufactured in the USA

Heat # = 666322

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.080	.680	.008	.010	.036	.015	.037	.040	.050	.010	0.000	.004	0.000	0.000	.003	.210	67480	76350	31

12" X 4" X 0.250 HR X 40'

101.6 X 304.8 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Order # 446026

Purchase Order # 600931

Item # 100567 2569

#

Customer Item

Raw Material is of Domestic Origin - Melted and Manufactured in the USA

Heat # = S55192

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.070	.650	.005	.010	.045	.013	.038	.050	.040	.010	0.000	.004	0.000	0.000	.004	.193	66150	74910	32

12" X 4" X 0.250 HR X 40'

101.6 X 304.8 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Order # 446026

Purchase Order # 600931

Item # 100567 2569

#

Customer Item

Raw Material is of Domestic Origin - Melted and Manufactured in the USA

Heat # = 666322

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.080	.680	.008	.010	.036	.015	.037	.040	.050	.010	0.000	.004	0.000	0.000	.003	.210	67480	76350	31

12" X 4" X 0.250 HR X 40'

101.6 X 304.8 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Order # 446026

Purchase Order # 600931

Item # 100567 2569

#

Customer Item

Raw Material is of Domestic Origin - Melted and Manufactured in the USA

Heat # = S55192

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.070	.650	.005	.010	.045	.013	.038	.050	.040	.010	0.000	.004	0.000	0.000	.004	.193	66150	74910	32

Quality Manager: *Richard Long*

THIS WELDED STEEL TUBING IS MANUFACTURED IN THE UNITED STATES OF AMERICA AND HAS BEEN PRODUCED IN ACCORDANCE WITH THE STATED SPECIFICATION. LADLE CHEMISTRIES ARE REPORTED FROM DOCUMENTS PROVIDED BY THE SUPPLYING STEEL MILL. ANY PHYSICAL AND MECHANICAL TESTING RESULTS SHOWN ON THIS CERTIFICATION ARE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.