

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

09/24/13
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50257

BULL MOOSE TUBE
 COMPANY

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 297953

Ship Via

TTPX_806135

6" X 4" X 0.312 HR X 40'

101.6 X 152.4 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item

Order # 426937

Purchase Order # 600785

Item # 107993 2563

#

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

Heat # = R2666

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.050	.630	.010	.008	.025	.014	.021	.160	.050	.060	.002	.020	0.000	.001	.008	.186	59650	68390	34

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

Heat # = 843C67510

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.060	.810	.011	.004	.034	.027	.046	.023	.030	.010	.001	.005	0.000	.002	.007	.209	68940	77030	32

6" X 4" X 0.312 HR X 40'

101.6 X 152.4 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item

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Item # 107993 2563

#

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

Heat # = 843C67510

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.060	.810	.011	.004	.034	.027	.046	.023	.030	.010	.001	.005	0.000	.002	.007	.209	68940	77030	32

14" X 6" X 0.500 HR X 40'

152.4 X 355.6 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item

Order # 428940

Purchase Order # 600808

Item # 107767 3852

#

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

Heat # = 333502

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.057	.749	.010	.003	.040	.026	.031	.015	.032	.010	.001	.002	0.000	.015	.004	.195	58530	69440	35

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.