

BULL MOOSE TUBE ELKHART FACILITY
CERTIFICATION OF TESTS

01/26/11

43592

**BULL MOOSE TUBE
COMPANY**

Franco Arboleya
ORIGINAL

1819 Clarkson Rd.
Chesterfield, Missouri 63017

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-Unitex Ind. Park
Patent#4100 Apd Jorge M. Medrano Sanchez
FINAL DEST.: SAN LUIS POTOSI
Laredo TX 78041

B/L Number 224795

Ship Via

TTPX_80738

14" X 6" X 0.375 HR X 40'

152.4 X 355.6 mm

ASTM A500-07 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item

Order # 337026

Purchase Order # S34901

Item # 107760 3852

#

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

Heat # = N4688

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.050	.660	.010	.012	.028	.020	.022	.150	.060	.080	0.000	57880	66810	40

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

Heat # = N4689

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.070	.700	.011	.008	.026	.020	.021	.160	.070	.070	.003	60980	69860	38

14" X 6" X 0.375 HR X 40'

152.4 X 355.6 mm

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Heat # = N4689

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.070	.700	.011	.008	.026	.020	.021	.160	.070	.070	.003	60980	69860	38

8" X 6" X 0.500 HR X 40'

152.4 X 203.2 mm

ASTM A500-07 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item

Order # 337026

Purchase Order # S34901

Item # 107811 3844

#

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

Heat # = 042044

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.060	.780	.015	.004	.039	.019	.029	.010	.030	0.000	.003	60110	70990	36

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.