

BULL MOOSE TUBE TRENTON FACILITY
 CERTIFICATION OF TESTS

12/04/12
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**BULL MOOSE TUBE
 COMPANY**

1819 Clarkson Rd.
 Chesterfield, Missouri 63017

Francis C. ...
ORIGINAL

48313

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 275848

Ship Via

TTPX804862_TTPX80486

5" X 3" X 0.187 HR X 40'
 76.2 X 127.0 mm
 ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals
 Structural-Dual Certified

Customer Item #

Order # 403087
 Purchase Order # 600573
 Item # 100422 1926

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

Heat # = C63864

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.200	.720	.013	.004	.028	.020	0.000	.110	.060	.050	.001	0.000	0.000	0.000	0.000	.346	54331	76693	27

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 76.2 X 127.0 mm
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P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.200	.720	.013	.004	.028	.020	0.000	.110	.060	.050	.001	0.000	0.000	0.000	0.000	.346	54331	76693	27

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

Heat # = C63865

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.200	.730	.012	.002	.031	.030	0.000	.100	.060	.040	.002	0.000	0.000	0.000	0.000	.346	54491	77769	28

6" X 3" X 0.187 HR X 40'
 76.2 X 152.4 mm
 ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals
 Structural-Dual Certified

Customer Item #

Order # 403087
 Purchase Order # 600573
 Item # 100437 1928

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

Heat # = A65228

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.210	.700	.013	.004	.023	.030	0.000	.090	.040	.040	.001	0.000	0.000	0.000	0.000	.349	54282	78743	28

QC Technician:

Carl Hollibaugh DATE

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.