

BULL MOOSE TUBE ELKHART FACILITY  
 CERTIFICATION OF TESTS

09/21/11  
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**BULL MOOSE TUBE  
 COMPANY**

1819 Clarkson Rd.  
 Chesterfield, Missouri 63017

*Paula Ortega*  
 ORIGINAL

BILL TO Ferre Barniedo, S.A. de C.V.  
 Av. Revolucion No. 8  
 San Cristobal-Boaterpec  
 FINAL DEST.: SAN LUIS POTOSI  
 Edo. de Mexico 65000

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

**BARNIEDO, S.A. DE C.V. 5224**  
**ESTE CERTIFICADO ES NUESTRO ORIGINAL DE LA REMISION No. 58-36-10-00**  
**VENTAS@ferrebarniedo.com.mx**  
**ARCHIVOS**

B/L Number 242239

Ship Via

TTPX\_806334

10" X 4" X 0.375 HR X 40'  
 101.6 X 254.0 mm  
 ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Order # 357773  
 Purchase Order # 600158  
 Item # 107518 2567

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

Heat # = 134632

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.060	.750	.012	.005	.042	.011	.030	0.000	.020	0.000	.002	60880	69020	33

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

Heat # = 823U71250

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.060	.770	.007	.005	.042	.008	.042	.024	.020	.010	.002	63320	71960	30

8" X 4" X 0.500 HR X 40'

101.6 X 203.2 mm  
 ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Order # 357773  
 Purchase Order # 600158  
 Item # 108023 2565

Customer Item #

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

Heat # = 134461

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.060	.760	.012	.006	.043	.014	.031	0.000	.020	0.000	.002	63050	70720	33

8" X 4" X 0.500 HR X 40'

101.6 X 203.2 mm  
 ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Order # 357773  
 Purchase Order # 600158  
 Item # 108023 2565

Customer Item #

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

Heat # = 133802

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.060	.750	.007	.004	.036	.034	.032	.030	.030	.010	.002	63620	72330	36

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.