



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

09/10/13
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50147

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 296223

Ship Via

PTTX 140786

12" SQ X 0.250 HR X 40'

304.8 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item #

Order # 425754

Purchase Order # 600769

Item # 102343 7680

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

Heat # = 343401

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.051	.779	.010	.006	.035	.023	.031	.031	.038	.019	.002	.005	0.000	.019	.004	.197	66170	73220	29

12" SQ X 0.312 HR X 40'

304.8 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item #

Order # 425754

Purchase Order # 600769

Item # 108328 7680

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

Heat # = R1949

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.050	.640	.010	.012	.036	.021	.022	.150	.050	.070	.002	.020	0.000	.001	.008	.189	56900	68370	35

12" SQ X 0.312 HR X 40'

304.8 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item #

Order # 425754

Purchase Order # 600769

Item # 108328 7680

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

Heat # = R1290

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.060	.650	.007	.013	.028	.021	.026	.150	.040	.070	.002	.020	0.000	.001	.008	.197	58650	69670	33

12" SQ X 0.312 HR X 40'

304.8 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item #

Order # 425754

Purchase Order # 600769

Item # 108328 7680

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

Heat # = R1949

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.050	.640	.010	.012	.036	.021	.022	.150	.050	.070	.002	.020	0.000	.001	.008	.189	56900	68370	35

Quality Manager:

Richard Long

TEL 58-36-10-00

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.

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 LA REMISION No. 58-36-10-00
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