

BULL MOOSE TUBE COMPANY

BULL MOOSE TUBE ELKHART FACILITY
CERTIFICATION OF TESTS

11/03/11
Page 7 of 7

1819 Clarkson Rd.
Chesterfield, Missouri 63017

Francis Calvey
ORIGINAL

ILL 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 245832

Ship Via

TTPX_811183

4" SQ X 0.312 HR X 40'

101.6 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Customer Item

Order # 364692

Purchase Order # 600232

Item # 101794 2560

#

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

Heat # = P4485

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.060	.700	.012	.007	.029	.024	.023	.140	.080	.060	.001	63360	74580	34

4" SQ X 0.312 HR X 40'

101.6 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Customer Item

Order # 364692

Purchase Order # 600232

Item # 101794 2560

#

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

Heat # = P4483

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.060	.680	.012	.007	.027	.021	.022	.150	.070	.050	0.000	62200	74240	35

4" SQ X 0.312 HR X 40'

101.6 mm

ASTM A500-10 GRADE B & C

Ladle Analysis and Physicals

Customer Item

Order # 364692

Purchase Order # 600232

Item # 101794 2560

#

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

Heat # = P4485

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.060	.700	.012	.007	.029	.024	.023	.140	.080	.060	.001	63360	74580	34

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.

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