

BULL MOOSE TUBE ELKHART FACILITY
CERTIFICATION OF TESTS

07/09/10

42431

**BULL MOOSE TUBE
COMPANY**

1819 Clarkson Rd.
Chesterfield, Missouri 63017

Paulo Carbone
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 C/O 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 212358

Ship Via

TTPX_80208

10" X 6" X 0.500 HR X 40'

152.4 X 254.0 mm

ASTM A500-07 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item

Order # 316077

Purchase Order # S12013

Item # 108074 3848

#

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

Heat # = N2260

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.050	.620	.009	.012	.035	.010	.022	.140	.060	.070	0.000	57090	66290	39

18" X 6" X 0.500 HR X 40'

152.4 X 457.2 mm

ASTM A500-07 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item

Order # 316077

Purchase Order # S12013

Item # 107787 3854

#

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

Heat # = N1729

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.050	.660	.008	.010	.027	.010	.020	.160	.060	.070	.001	54970	65870	39

7" SQ X 0.375 HR X 40'

177.8 mm

ASTM A500-07 GRADE B & C

Ladle Analysis and Physicals

Structural-Dual Certified

Customer Item

Order # 319077

Purchase Order # S15501

Item # 110334 4480

#

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

Heat # = 040470

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	VA	YLD psi	TSN psi	ELN
.060	.770	.010	.006	.039	.014	.029	.020	.020	.010	.002	59770	68020	36

ESTE ORIGINAL DE FERRE BARNIEDO, S.A. DE C.V. ES UNA COPIA DE LOS ARCHIVOS.
TEL. 58-36-10-00
ventas@ferrebarniedo.com.mx

Quality Manager:

Richard Cary

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