



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

05/02/15  
 Page 1 of 3

1819 Clarkson Rd.  
 Chesterfield, Missouri 63017

Email nrea@bullmoosetube.com  
 Phone 636-537-2600

ORIGINAL

BILL TO Ferre Barniedo, S.A. de C.V.  
 Av. Revolucion No. 81  
 San Cristobal- Ecatepec  
 FINAL DEST.: SAN LUIS POTOSI  
 San Cristobal- Ecatepec MX 55024

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 348168

Ship Via

TTPX\_814002

12" X 6" X 0.250 HR X 40'

152.4 X 304.8 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Customer Item #

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

Heat # = S61409

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.080	.680	.011	.007	.045	.013	.038	.020	.040	0.000	0.000	.002	0.000	.001	.007	.205	63490	73610	30

12" X 6" X 0.250 HR X 40'

152.4 X 304.8 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Customer Item #

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

Heat # = L61589

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.070	.680	.013	.006	.048	.014	.035	.020	.060	.010	0.000	.003	0.000	0.000	.003	.200	65410	74090	29

4" SQ X 0.500 X HR X 40'

101.6 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Customer Item #

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

Heat # = 540930

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.054	.782	.011	.004	.040	.021	.034	.019	.037	.009	.006	.005	0.000	.017	.004	.199	59030	67520	37

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

Heat # = 540931

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.054	.730	.013	.005	.052	.013	.031	.027	.050	.018	.003	.006	0.000	.018	.003	.193	57110	65560	37

Quality Manager:

*Robert Habery*

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4" SQ X 0.500 X HR X 40'

101.6 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Order # 490349

Purchase Order # 601224

Item # 107649 2560

Customer Item #

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

Heat # = 541169

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.057	.831	.014	.005	.050	.016	.034	.010	.026	.007	.003	.003	0.000	.018	.004	.206	57340	69440	37

4" SQ X 0.500 X HR X 40'

101.6 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Order # 490349

Purchase Order # 601224

Item # 107649 2560

Customer Item #

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

Heat # = 541169

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.057	.831	.014	.005	.050	.016	.034	.010	.026	.007	.003	.003	0.000	.018	.004	.206	57340	69440	37

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

Heat # = T0885

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.060	.670	.013	.005	.034	.021	.022	.140	.090	.070	.003	.020	0.000	.001	.008	.212	57190	68770	36

4" SQ X 0.500 X HR X 40'

101.6 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Order # 490349

Purchase Order # 601224

Item # 107649 2560

Customer Item #

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

Heat # = T0885

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.060	.670	.013	.005	.034	.021	.022	.140	.090	.070	.003	.020	0.000	.001	.008	.212	57190	68770	36

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

Heat # = T0883

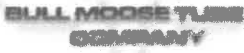
P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.050	.700	.013	.006	.027	.024	.022	.150	.090	.080	.003	.020	0.000	.001	.080	.209	59090	68780	38

Quality Manager:

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**4" SQ X 0.500 X HR X 40'**

101.6 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Customer Item

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

Heat # = T0883

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.050	.700	.013	.006	.027	.024	.022	.150	.090	.080	.003	.020	0.000	.001	.080	.209	59090	68780	38

**4" SQ X 0.500 X HR X 40'**

101.6 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Customer Item

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

Heat # = 541169

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.057	.831	.014	.005	.050	.016	.034	.010	.026	.007	.003	.003	0.000	.018	.004	.206	57340	69440	37

**4" SQ X 0.500 X HR X 40'**

101.6 mm

ASTM A500-13 GRADE B & C

Ladle Analysis and Physicals

Customer Item

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

Heat # = T0884

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.060	.660	.012	.009	.042	.012	.021	.150	.080	.080	.003	.020	0.000	0.000	.007	.208	57320	70750	36

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