

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

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 **ORIGINAL**

Email nrea@bullmoosetube.com

Phone 636-537-2600

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" Order# 490349 152.4 X 304.8 mm Ladle Analysis and Physicals Purchase Order# 601224 ASTM A500-13 GRADE B & C Item # 107730 3850 **Customer Item** Raw Material is of Domestic Origin - Melted and Manufactured in the USA Heat # = S61409 NG CP S MN AL SI CBCU CR MI MO В ΤI 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 Order# 490349 152.4 X 304.8 mm Ladle Analysis and Physicals Purchase Order # 601224 ASTM A500-13 GRADE B & C Item # 107730 3850 **Customer Item** Raw Material is of Domestic Origin - Melted and Manufactured in the USA Heat # = L61589 P NG P MN S AL SI CB CU CR NI V MO CE YLD psi B TIN TSN psi ELN % .070 .013 .680 .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" Order# 490349 101.6 mm Ladle Analysis and Physicals Purchase Order # 601224 ASTM A500-13 GRADE B & C Item # 107649 2560 **Customer Item** Raw Material is of Domestic Origin - Melted and Manufactured in the USA Heat # = 540930 P NG C MN P S SI AL CB CU CR CE YLD psi NI MO В TITSN 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 CP MN S ALSI CB CU CR NI MO B TI CE YLD psi TSN psi ELN

Quality Manager:

.730

.013

.005

.052

.054

Robot Habies

.013

.031

.027

.050

.018

.003

.006

0.000

.018 .003

.193

57110

65560

37

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.



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

05/02/15 Page 2 of 3

1819 Clarkson Rd. Chesterfield, Missouri 63017

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 **ORIGINAL**

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

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 78041

B/L Number 348168

Ship Via

TTPX 814002

	A" C	O V 0 4	500 V LI	R X 40'									_	ler#					rian.
		6 mm	ח א טטנ	K A 40		Ladi	Ladia Avalusia and Dhysicala									4903			
			0 42 GE	ANE D	9.0	Ladle Analysis and Physicals							Purchase C				601224	-	
	ASTM A500-13 GRADE B & C									Cust	I4			n #		1076	49 2560)	
	Dave	Matari	ial is of	Domes	stin Ori	eries All	alfaal =	. d 114	 		omer It		#						
	NAW	water	iai 15 01	Domes	suc On			na man 54116		rea in i	ine USA	4				_			
C	MN	P	S	AL	SI	CB					440		700.0			P	NG		
.057	.831	.014	.005	.050			CU	CR		V	МО	В	TI	٨		E YLD psi	TSN psi	ELN %	
.037					.016	.034	.010	.026	.007	.003	.003	0.000			4 .20€		69440	37	
	4" SQ X 0.500 X HR X 40"									Order # 490349									
	101.6 mm					Ladle Analysis and Physicals							Purchase Ord						
	ASTM A500-13 GRADE B & C												Item #			10764	Í		
	D	NR - 4 1	-1.1								omer Ite		#						
	Kaw	wateri	ai is ot	Domes	tic Ori	-				ed in t	he USA	1							
_	4.48.4		_					54116	_							Р	NG		
C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	В	TI	Ν		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	Materia	al is of	Domes	tic Orig					ed in t	he USA								
		_	_					T0885								P	NG		
C	MN	Р	S	AL	SI	CB	CU	CR	NI	V	MO	В	TI	N		YLD psi	TSN psi	ELN	
060	.670	.013	.005	.034	.021	.022	.140	.090	.070	.003	.020	0.000			.212	57190	68770	0 36	
	4" SQ X 0.500 X HR X 40'													Order # 490			349		
						Ladle	Ladle Analysis and Physicals						Purchase Order #				601224		
	ASTM A500-13 GRADE B & C												Item# 107649 2560						
	Customer Item # Raw Material is of Domestic Origin - Melted and Manufactured in the USA																		
	Raw	Materia	il is of	Domest	tic Orig					ed in th	ne USA								
						He	eat # =	T0885								P	NG		
0	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	В	TI	Ν	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 I	Materia	l is of I	Domest	ic Orig	in - Me	lted an	d Manu	facture	ed in th	e USA								
						He	at # =	T0883								Р	NG		
	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	В	TI	Ν	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:

RoboT Harrey

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.



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

05/02/15

Page 3 of 3

1819 Clarkson Rd. Chesterfield, Missouri 63017

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 **ORIGINAL**

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

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

1207		,							01111	7 10							-	
	A" C(7 V 0 5	00 X HF) V 40'									Orde	4		4903	40	
			OO A FIF															
		3 mm				Ladle Analysis and Physicals									e Ord	ler# 60122		
	AST	W A500	-13 GR	ADE B	& C								Item	#		10764	9 2560)
										Custo	omer Ite	em	#					
	Raw	Materia	al is of	Domes	tic Orig	gin - Me	elted ar	nd Manu	ıfactuı	red in ti	he USA	L						
						He	eat # =	T0883								P	NG	
C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	В	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" SC	X 0.50	00 X HF	R X 40°									Orde	er#		49034	49	
	101.6	Analys	sis and I	Physic	cals			Purc	hase	Ord	er#	601224	i					
	ASTM A500-13 GRADE B & C												Item #			107649 2560)
							Customer Item					m	#					
	Raw	Materia	alis of i	Domes	tic Oric	nin - Me	lted ar	id Manu	factur				**					
		***************************************		5011100	05			541169		00 111 11	10 007					Р	NG	
С	MN	P	S	AL	SI	CB	CU	CR	, NI	V	МО	В	TI	N	CE	YLD psi	TSN psi	ELN %
.057	.831	.014	.005	.050	.016	.034	.010	.026	.007	.003	.003		.018			57340	69440	37
.007					.010	.034	.010	.020	.007	.003	.003	0.000			.200			37
	4" SQ X 0.500 X HR X 40'												Orde				490349	
	101.6 mm Ladle Analysis and Physicals												Purchase Orde				601224	
	ASTM A500-13 GRADE B & C												ltem	#		10764	9 2560	
										Custo	mer Ite	m	#					
	Raw	Materia	l is of C	Domest	tic Orig	jin - Me	lted an	d Manu	factur	ed in th	ne USA							
						He	at # =	T0884								Р	NG	
C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	В	TI	Ν	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

Quality Manager:

ROLT Habely