

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

03/30/15 Page 1 of 4

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 Num	ber 344	1586						Shi	p Via					TTP.	X_80818	3				
	12"	X 6" X	D.500 H	R X 40'									Orde	er#		4863	46				
			1.8 mm			Ladle Analysis and Physicals Customer Item								chase	601198	3					
	AST	M A500)-13 GR	ADE B	& C									#		10774	4 385	0			
														#							
	Raw	Materi	al is of	Domes	tic Ori	gin - Mo	elted a	nd Man	ufactu	red in t	he USA	A.									
						H	eat # =	54063	1-MIT							P	NG				
C	MN	P	S	AL	SI	CB	CU	CR	NI	V	МО	В	TI	N	CE	YLD psi	TSN psi	ELN %			
.059	.761	.011	.006	.048	.016	.031	.024	.034	.011	.003	.002	0.000	.016	.005	199	57980	68670	36			
	16")	(8" X ().250 HI	R X 40'									Orde	er#		4840	82				
	203.2	2 X 406	.4 mm			Ladle	adle Analysis and Physicals								Purchase Order # 601184						
	ASTI	M A500	-13 GR	ADE B	& C								ltem	#		11084)				
									Custo	mer Ite	em	#									
	Raw	Materia	al is of	Domes	tic Orig	jin - Me	lted ar	nd Manu	ıfactu	red in tl	he USA										
						Heat # = C73920								P NG							
C	MN	P	S	AL	SI	CB	CU	CR	NI	V	МО	В	TI	Ν	CE	YLD psi	TSN psi	ELN %			
.050	.450	.010	.002	.024	.030	.016	.110	.060	.050	.001	.020	0.000	.002	.008	.157	57290	67880	32			
	16" X	8" X 0	.312 HF	R X 40'									Orde	r#		48634	16				
	203.2	X 406.	4 mm			Ladle	Ladle Analysis and Physicals								Orde	er#	601198				
	ASTN	A500-	-13 GR/	ADE B	& C		-							#		10789:	93 5129				
						Customer Item								#							
	Raw	Materia	l is of I	Domesi	ic Orio	in - Me	lted an	d Manu	ıfactur	ed in th	e USA		.,								
						in - Melted and Manufactured in the USA Heat #= 540322										Р	NG				
С	MN	P	S	AL	SI	CB	CU	CR	- NI	V	МО	В	TI	N	CF	YLD psi	TSN psi	ELN %			
.051	.770	.013	.006	.046	.020	0.000	.010	.030	.008	.002	.010	_	.016			62990	70700	35			
	16" X	8" X 0.	312 HR					,000	.000	,002	,010	0.000	Orde		.132	48634		33			
	203.2 X 406.4 mm Ladle Analysis and Physicals												Purch		Ordo		601198				
	ASTN	A500-	13 GRA	DE B 8	k C	•								<u> </u>	Orac						
		ASTM A500-13 GRADE B & C Customer Item														107893	3123				
	Raw I	/lateria	l is of F)omest	ic Oria	in - Mel	ted an	d Manu	factur			11	#								
	1.40144.1	*:	VI L	-Uniost	ong			439672		su III (II	e UJA					р	NC				
С	MN	P	S	AL	SI	CB	GU	439012 CR	N/	V	MO	В	TI	N	CE	•	NG TSM poi	El NO/			
.062	.761	.015	.005	.045	.016	.030	.008	.030	.008	.002	.002		.014 .			YLD psi 55100	TSN psi	ELN %			
	., 0,	.010	.000	,070	.010	.000	.000	,030	.000	.002	.002	0.000	.014 .	004 .	199	35700	66770	37			

Quality Manager: Role 7 Habie y

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.

COMPANY

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

03/30/15 Page 2 of 4

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

78041

B/L Number 344586

Ship Via

TTPX_80818

									4						1 1 1 1				
	49"	/ 6" V	กวรกม	R X 40'									Orde	4		4863	A.C.		
			1.8 mm	N A 40		I adle	Δnalv	sis and	Physi	rale				e Ord					
				ADE B	& C	Laure	- ruius y	313 0110	i iiyəi	oais			item		e Olu	10773			
	7011	7,000	7-10-010		. •					Custo	mer Ite	ım	#	π		10773	0 3030	,	
	Raw	Materi	al is of	Domes	tic Ori	gin - Me	elted a	nd Man	ufactu	red in th			75						
			a, 10 01	D 011100		_		S5297			10 007	•				Р	NG		
0	MN	P	S	AL	SI	CB	CU	CR.	NI	V	МО	В	TI	N	CE	YLD psi	TSN psi	ELN %	
060	.690	.009	.008	.028	.017	.022	.130	.080	.060	0.000	.020	0.000			.211	•	71210		
	12" X	(6" X ().250 HI	R X 40'									Orde			48634			
		X 304				Ladle	Analy	sis and	Physic	cals			Purc	hase	e Ord	601198			
	AST	M A500	-13 GR	ADE B	& C		_						Item	#		10773	7730 3850		
	Customer Item												#						
	Raw	Materi	al is of	Domes	tic Orig	gin - Me	elted ar	nd Manu	ufactui	ed in th	ne USA								
						Не	eat # =	S5283	}							Р	NG		
0	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	В	TI	N	CE	YLD psi	TSN psi	ELN %	
050	.710	.008	.006	.036	.023	.023	.140	.070	.060	0.000	.030	0.000	.001	.006	.206	64360	72290	31	
	12" X	6" X 0	.250 HF	R X 40'									Order # 486346						
	152.4	X 304	.8 mm			Ladle	Analysis and Physicals							hase	Orde	601198			
	ASTN	/ A500	-13 GR/	ADE B	& C								Item	#		107730	3850		
										Custo	mer Ite	m	#						
	Raw	Materia	al is of l	Domest	tic Orig	jin - Me	Ited an	id Manu	ıfactur	ed in th	e USA								
						He	at # =	S5277								P	NG		
	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	В	TI	Ν	CE	YLD psi	TSN psi	ELN %	
040	.630	.009	.012	.034	.018	.023	.160	.080	.060	0.000	.020	0.000	.001	.006	.183	60810	68770	28	
			.500 HF	R X 40'									Orde	r#		48634	6		
		X 304.				Ladle	Analys	is and	Physic	als			Purc		Orde		601198		
	ASTM A500-13 GRADE B & C												item :	#		107744	3850		
										Custor		n	#						
	Raw I	Vlateria	ıl is of I	Domest	ic Orig					ed in th	e USA								
								540631								P	NG		
3.50	MN	P	S	AL	SI	CB	CU	CR	NI 244	V	MO	В	TI			YLD psi	TSN psi	ELN %	
059	.761	.011	.006	.048	.016	.031	.024	.034	.011	.003	.002	0.000	.016	.005	.199	57980	68670	36	

Quality Manager:

RoboT Habies

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 YUSE

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

03/30/15 Page 3 of 4

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 Num	ber 34	4586						Shi	p Via					TTP	X_80818	}			
	12" 2	X 6" X	0.250 H	IR X 40	,								Ord	er#		4863	46			
	152.	4 X 304	1.8 mm			Ladle Analysis and Physicals								chas	e Ord	60119	8			
	ASTM A500-13 GRADE B & C						-									107730 385		0		
						Customer Item								#						
	Raw	Materi	ial is of	Domes	stic Ori	gin - M	elted a	nd Mani	ufactu	red in ti	ne USA									
						Н	eat # =	V5858	11							Р	NG			
)	MN	P	S	AL	SI	CB	CU	CR	NI	V	МО	В	TI	Ν	CE	YLD psi	TSN psi	ELN 9		
080	.700	.011	.008	.045	.015	.039	.040	.060	.020	0.000	.005	0.000	.001	.004	.216	67800	73710			
	12" >	(6"X	0.250 H	R X 40'									Orde	er#		48634	46			
	152.4	X 304	.8 mm			Ladle	Analy:	sis and	Physic	cals			Purchase Ord			er#	601198	}		
	AST	VI A500	-13 GR	ADE B	& C								ltem	#		10773)			
										Custo	mer Ite	m	#							
	Raw	Materi	al is of	Domes	tic Orig	gin - Me	elted ar	nd Manu	ıfactuı	red in th	e USA									
						Н	eat # =	S5275								Р	NG			
:	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	В	Ti	Ν	CE	YLD psi	TSN psi	ELN %		
140	.660	.009	.006	.032	.027	.024	.150	.100	.070	0.000	.030	0.000	.001	.007	.195	62960	71200	3		
	16" X	8" X 0	.250 HI	R X 40'									Orde	r#		48408	32			
	203.2	X 406	4 mm			Ladle	Analys	is and l	Physic	als			Purc	hase	Orde	er#	601184			
	ASTN	1 A500	-13 GR	ADE B	& C								ltem	#		110840	5129)		
	Customer Item #																			
	Raw I	Materia	al is of l	Domest	tic Orig	in - Me	ited an	d Manu	factur	ed in th	e USA									
						He	at # =	C73920	0							Р	NG			
	MN	P	S	AL	SI	CB	CU	CR	NI	V	МО	В	TI	N	CE	YLD psi	TSN psi	ELN %		
50	.450	.010	.002	.024	.030	.016	.110	.060	.050	.001	.020	0.000	.002	.008	.157	57290	67880	32		
	16" X 8" X 0.312 HR X 40'												Orde	r#		48634	6			
	203.2	X 406.	4 mm			Ladle Analysis and Physicals								nase	Orde	er#	# 601198			
	ASTM	A500-	13 GRA	ADE B 8	k C								ltem a	#		107893				
		AS I M ASOU-13 GRADE B & C Item # 107893 5129 Customer Item #																		
	Raw N	/lateria	l is of [Domest	ic Orig	in - Mel	Ited and	d Manuf	facture	ed in the	USA									
						He	at # =	540621								Р	NG			
	MN	P	S	AL.	SI	CB	CU	CR	NI	V	MO	В	TI	Ν	CE	YLD psi	TSN psi	ELN %		
	1911.0	•															1011 001			

Quality Manager:

Roby Habust

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 MODES

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

03/30/15 Page 4 of 4

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 344586

Ship Via

TTPX_80818

16" X 8" X 0.625 HR X 40'

203.2 X 406.4 mm

Ladle Analysis and Physicals

Order#

Purchase Order#

484082

ASTM A500-13 GRADE B & C

item #

119090 5129

601184

Customer Item

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

Heat # = W04100

P NG

C MN P S AL SI CB CU CR NI MO В TICE YLD psi TSN psi ELN % .090 660 .011 .009 .039 .017 .001 .050 .040 .020 .101 .006 0.000 .001 .005 .237 55510 75820 34

Quality Manager:

Roby Habrest

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.