

BULL MOOSE
 TUBE
 1819 Clarkson Rd.
 Chesterfield, MO 63017
 Phone: (636) 537-2600

8415 Clinton Dr.
 Houston, TX 77029
 UNITED STATES

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 Houston, TX 77029
 UNITED STATES

Release Number: 583972
 Ship Date: 3/08/2023
 Page: 1 of 4

Customer Information

PO # SSW133935, SSW134142
 END USE PO #
 USE END USER PO #
 CPO #
 PART # See Line Items Below...
 CUSTOMER PART #
 SO # 826957, 827753
 REV LEVEL

Chemistry

Heat Number T61029
 C: 0.0900 Mn: 0.6800 P: 0.0130 S: 0.0090 Si: 0.0200 Cu: 0.0200 Al: 0.0440 V: 0.0990 Ni: 0.0200 Nb/CB: 0.0010
 Cr: 0.0600 Ti: 0.0020 Mo: 0.0100 B: 0.0001 CE: 0.223 N: 0.0060 Sn: 0.0010

Tag No

Gage Width Length Weight Coating Prod Plant Part Number Grade Tensile Yield Elong
 Product 200691367 0.3750 4.0000 480.0000 8.289 ELKHART 22560N375HR00AB40ST A500 21 GRADE B & C 69054 50353 32
 Hot Rolled 4" SQ X 0.375 HR X 40'

Chemistry

Heat Number C0716
 C: 0.0500 Mn: 0.6800 P: 0.0150 S: 0.0050 Si: 0.0300 Cu: 0.1500 Al: 0.0330 V: 0.0060 Ni: 0.0500 Nb/CB:
 Cr: 0.1100 Ti: 0.0020 Mo: 0.0100 B: CE: 0.206 N: 0.0090 CA: 0.0026

Tag No

Gage Width Length Weight Coating Prod Plant Part Number Grade Tensile Yield Elong
 Product 200692542 0.3120 4.0000 480.0000 9.491 ELKHART 22560N312HR00AB40ST 66697 53730 34
 Hot Rolled 4" SQ X 0.312 HR X 40'

EN 10204:2004 TYPE 3.1 CERT
 Printed By: Schroeder
 3/09/2023 20:51:18

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MELTED AND MANUFACTURED IN THE USA

Chemistry	Heat Number	C0158	S: 0.0070	Si: 0.0200	Cu: 0.1300	Al: 0.0340	V: 0.0060	Ni: 0.0400	Nb/CB: 0.0220
C: 0.0500	Mn: 0.6700	P: 0.0140	B: 0.0005	CE: 0.19	N: 0.0060	CA: 0.0027	Sn: 0.0300		
Cr: 0.0600	Ti: 0.0010	Mo: 0.0100							

Tag No	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
Product				Tag As							
200686835	0.1870	2.0000	240.0000	3.110		ELKHART	21280N187HR00DC240R	A500 21 B & C MELTED & MFG USA	66868	53857	32
Hot Rolled			2" SQ X 0.187 HR X 20"				Cust PO: SSW134142				

MELTED AND MANUFACTURED IN THE USA

Chemistry	Heat Number	842237750	S: 0.0030	Si: 0.0220	Cu: 0.0150	Al: 0.0390	V: 0.0010	Ni: 0.0100	Nb/CB: 0.0440
C: 0.0600	Mn: 0.7800	P: 0.0080	B: 0.0002	CE: 0.202	N: 0.0040				
Cr: 0.0300	Ti: 0.0020	Mo: 0.0050							

Tag No	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
Product				Tag As							
200642363	0.3750	6.0000	360.0000	5.864		ELKHART	33844N375HR00DC300H	A500 21 B & C MELTED & MFG USA	70648	58218	32
Hot Rolled			8" X 6" X 0.375 HR X 30"				Cust PO: SSW133935				

200642311	0.3750	6.0000	336.0000	5.473		ELKHART	33844N375HR00DC280H	A500 21 B & C MELTED & MFG USA	70648	58218	32
Hot Rolled			8" X 6" X 0.375 HR X 28"				Cust PO: SSW133935				

MELTED AND MANUFACTURED IN THE USA

Chemistry	Heat Number	42302230	S: 0.0020	Si: 0.0300	Cu: 0.1200	Al: 0.0210	V: 0.0010	Ni: 0.0500	Nb/CB: 0.0180
C: 0.0400	Mn: 0.6500	P: 0.0120	B: 0.0001	CE: 0.181	N: 0.0070	CA: 0.0020	Sn: 0.0060		
Cr: 0.0600	Ti: 0.0010	Mo: 0.0200							

EN 10204:2004 TYPE 3.1 CERT

Printed By: 'Schedler'

3/08/2023 20:51:18

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Ship Date: 3/08/2023
 200639227 0.2500 5.0000 288.0000 3.373
 Hot Rolled 5" SQ X 0.250 HR X 24'

ELKHART 23200N250HR00DC24OH
 Cust PO: SSW133935 A500 21 B & C MELTED & MFG USA
 67661 53933 31

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Chemistry Heat Number 32244180

C: 0.0400	Mn: 0.6900	P: 0.0170	S: 0.0010	Si: 0.0200	Cu: 0.1200	Al: 0.0250	V: 0.0020	Ni: 0.0500	Nb/CB: 0.0180
Cr: 0.1000	Ti:	Mo: 0.0300	B: 0.0002	CE: 0.196	N: 0.0080	CA: 0.0020	Sn: 0.0050		

MELTED AND MANUFACTURED IN THE USA

Tag No	Product	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
200660030	Hot Rolled	0.0830	4.0000	288.0000	1.674	4" SQ X 0.083 HR X 24'	ELKHART	22560N083HR00AB24ST	A500 21 GRADE B & C	72410	60846	24

MELTED AND MANUFACTURED IN THE USA

Chemistry Heat Number 285031


C: 0.0400	Mn: 0.5800	P: 0.0100	S: 0.0030	Si: 0.0100	Cu: 0.0800	Al: 0.0200	V: 0.0010	Ni: 0.0300	Nb/CB: 0.0200
Cr: 0.0500	Ti:	Mo: 0.0200	B:	CE: 0.16	N: 0.0080	CA: 0.0020			

Tag No	Product	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
200683748	Hot Rolled	0.2500	2.0000	240.0000	3.171	4" X 2" X 0.250 HR X 20'	ELKHART	31288N250HR00AB20ST	A500 21 GRADE B & C	68371	59921	29
200683785	Hot Rolled	0.2500	2.0000	240.0000	3.171	4" X 2" X 0.250 HR X 20'	ELKHART	31288N250HR00AB20ST	A500 21 GRADE B & C	68371	59921	29

Total Certificate Weight: 43,616 LBS **19,783.9 KGS**

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.

QUALITY CONTROL


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Mark Miller
Corporate Quality Manager

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