



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

L.P.

Release Number: 583065
Ship Date: 2/25/2023

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CERTIFICATE OF ANALYSIS

Customer Information

PO # SSW133935

END USE PO #

CPO # USE END USER PO #

PART # See Line Items Below... CUSTOMER PART #

REV LEVEL SO # 826957

Chemistry Heat Number D00609 MELTED AND MANUFACTURED IN THE USA

C: 0.0600 Mn: 1.2000 P: 0.0110 S: 0.0030 Si: 0.2200 Cu: 0.0200 Al: 0.0400 V: 0.0020 Ni: 0.0100 Nb/CB:

Cr: 0.1800 Ti: 0.0110 Mo: 0.0060 B: CE: 0.336 N: 0.0060 CA: 0.0020 Sn: 0.0060

Tag No	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
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200560274	0.5000	7.0000	624.0000	8.746		ELKHART	24480N500HR00AC52ST	A500 21 GRADE B & C	86870	71000	30
Hot Rolled 7" SQ X 0.500 HR X 52'											

Chemistry Heat Number 841A03260 MELTED AND MANUFACTURED IN THE USA

C: 0.0600 Mn: 0.6100 P: 0.0080 S: 0.0030 Si: 0.0250 Cu: 0.0190 Al: 0.0440 V: 0.0010 Ni: 0.0200 Nb/CB: 0.0250

Cr: 0.0300 Ti: 0.0020 Mo: 0.0060 B: 0.0002 CE: 0.176 N: 0.0050

Tag No	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
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200671528	0.1870	8.0000	480.0000	4.711		ELKHART	25120N187HR00AB40ST	A500 21 GRADE B & C	68709	58072	33
Hot Rolled 8" SQ X 0.187 HR X 40'											
200671510	0.1870	8.0000	480.0000	4.711		ELKHART	25120N187HR00AB40ST	A500 21 GRADE B & C	68709	58072	33
Hot Rolled 8" SQ X 0.187 HR X 40'											



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200671541 0.1870 8.0000 480.0000 1.570
Hot Rolled 8" SQ X 0.187 HR X 40'

ELKHART 25120N187HR00AB40ST
Cust PO: SSW133935

68709 58072 33
A500 21 GRADE B & C

Chemistry Heat Number 812Z39500

MELTED AND MANUFACTURED IN THE USA

C: 0.0600 Mn: 0.6300 P: 0.0140 S: 0.0040 Si: 0.0290 Cu: 0.0150 Al: 0.0460 V: 0.0010 Ni: 0.0100 Nb/CB: 0.0240
Cr: 0.0300 Ti: 0.0020 Mo: 0.0040 B: 0.0002 CE: 0.178 N: 0.0040

Tag No Gage Width Length Weight Coating Prod Plant Part Number Grade Tensile Yield Elong
Product Tag As

200670646 0.1870 2.0000 480.0000 5.652 ELKHART 31296N187HR00AB40ST 69215 56795 30
Hot Rolled 6" X 2" X 0.187 HR X 40' Cust PO: SSW133935 A500 21 GRADE B & C

Chemistry Heat Number 42304680

MELTED INSIDE USA MANUFACTURED

C: 0.0300 Mn: 0.6900 P: 0.0080 S: 0.0010 Si: 0.0300 Cu: 0.1100 Al: 0.0240 V: 0.0010 Ni: 0.0400 Nb/CB: 0.0170
Cr: 0.0400 Ti: Mo: 0.0200 B: 0.0002 CE: 0.172 N: 0.0080 CA: 0.0020 Sn: 0.0070

Tag No Gage Width Length Weight Coating Prod Plant Part Number Grade Tensile Yield Elong
Product Tag As

200659752 0.1250 4.0000 480.0000 1.550 ELKHART 22560N125HR00AB40ST 65616 58904 28
Hot Rolled 4" SQ X 0.125 HR X 40' Cust PO: SSW133935 A500 21 GRADE B & C

200659748 0.1250 4.0000 480.0000 4.134 ELKHART 22560N125HR00AB40ST 65616 58904 28
Hot Rolled 4" SQ X 0.125 HR X 40' Cust PO: SSW133935 A500 21 GRADE B & C

200671544 0.1870 8.0000 480.0000 3.140 ELKHART 25120N187HR00AB40ST 67284 57366 32
Hot Rolled 8" SQ X 0.187 HR X 40' Cust PO: SSW133935 A500 21 GRADE B & C

200671568 0.1870 8.0000 480.0000 4.711 ELKHART 25120N187HR00AB40ST 67284 57366 32
Hot Rolled 8" SQ X 0.187 HR X 40' Cust PO: SSW133935 A500 21 GRADE B & C



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MELTED AND MANUFACTURED IN THE USA

Chemistry	Heat Number	32216990	S: .000	Si: .05	Cu: .12	Al: .026	V: .002	Ni: .04	Nb/CB:
C: .04	Mn: .71	P: .011	B: .0002	CE: 0.195	N: .008	CA: .001	Sn: .006		
Cr: .07	Ti: .001	Mo: .02							

Tag No	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
Product				Tag As							
200461801	0.0830	4.0000	480.0000	2,790		ELKHART	22560N083HR00AB40ST	A500 21 GRADE B & C	67092	56531	29
Hot Rolled		4" SQ X 0.083 HR X 40'				Cust PO: SSW133935					

MELTED AND MANUFACTURED IN THE USA

Chemistry	Heat Number	284256	S: 0.0020	Si: 0.0200	Cu: 0.1200	Al: 0.0300	V: 0.0020	Ni: 0.0400	Nb/CB: 0.0230
C: 0.0400	Mn: 0.5800	P: 0.0130	B: 0.0000	CE: 0.167	N: 0.0080	CA: 0.0020	Sn: 0.0100		
Cr: 0.0700	Ti: 0.0020	Mo: 0.0100							

Tag No	Gage	Width	Length	Weight	Coating	Prod Plant	Part Number	Grade	Tensile	Yield	Elong
Product				Tag As							
200659756	0.1250	4.0000	480.0000	2,584		ELKHART	22560N125HR00AB40ST	A500 21 GRADE B & C	69135	60437	31
Hot Rolled		4" SQ X 0.125 HR X 40'				Cust PO: SSW133935					

Total Certificate Weight: 44,299 LBS 19,025.0 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.

Mark Miller
Corporate Quality Manager

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