



# BULL MOOSE TUBE

1819 Clarkson Rd.  
Chesterfield, Missouri 63017  
636-537-2600

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

03/03/17  
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**BILL TO** D-S Pipe & Steel Supply Co., LLC  
P.O. Box 6367  
Baltimore MD 21230

**SHIP TO** D-S Pipe & Steel Supply, LLC  
1301 Wicomico St.  
Baltimore MD 21230

B/L Number 406391

Ship Via

B39\_332

0.5" SQ X 0.065 HR X 24'

12.7 mm

ASTM A513-15 AWHR

Ladle Analysis Only

Order # 554917

Purchase Order # P1139919

Item # 100170 0320

Customer Item #

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

Heat # = C80580

O NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE			
.070	.410	.009	.006	.020	.010	0.000	.120	.060	.050	.001	.010	0.000	.001	.008	.166	0	0	0

1.25" Sch 40 X 21'

42.2 mm

ASTM A500-13 HSLA Grade 50

Ladle Analysis and Physicals

Order # 549701

Purchase Order # P1139919

Item # 149063 1062

Customer Item #

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

Heat # = C81326

P NG

C	MN	P	S	AL	SI	CB	CU	CR	NI	V	MO	B	TI	N	CE	YLD psi	TSN psi	ELN %
.050	.440	.008	.002	.026	.030	0.000	.070	.040	.030	.001	.010	0.000	.001	.007	.145	70371	73719	35

QC Technician:

*Carl Holcomb* QA Tech.

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.