



**MATERIAL TEST REPORT**  
**ORIGINAL**

M/C No. MC0000082205  
Date 04/05/2023

BL No. SH0000094831  
Destination STEEL  
Supplier

MARUICHI LEAVITT PIPE & TUBE, LLC  
1717 W. 115TH ST.  
CHICAGO, IL. 60643  
TEL:773-239-7700 FAX:773-239-1023

| Customer PO No. / Customer Item No. | SPEC<br>SIZE   | No of<br>PCS<br>Calculated<br>W:(LBS) | Heat No | Chemical Composition(Ladle Analysis) |                       |                       |                       |                       |                        |                        |                        |                        |                       | Tensile Test               |                              |                       | Hydrostatic<br>Test | Bending<br>Test    | Remarks                        |
|-------------------------------------|--|---------------------------------------|---------|--------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|----------------------------|------------------------------|-----------------------|---------------------|--------------------|--------------------------------|
|                                     |  |                                       |         | C<br>(%)<br>X<br>100                 | Si<br>(%)<br>X<br>100 | Mn<br>(%)<br>X<br>100 | P<br>(%)<br>X<br>1000 | S<br>(%)<br>X<br>1000 | Cu<br>(%)<br>X<br>1000 | Ni<br>(%)<br>X<br>1000 | Cr<br>(%)<br>X<br>1000 | Mo<br>(%)<br>X<br>1000 | V<br>(%)<br>X<br>1000 | Yield<br>Strength<br>(PSI) | Tensile<br>Strength<br>(PSI) | Elong<br>ation<br>(%) | Pressure<br>(PSI)   | Flattening<br>Test |                                |
|                                     |  |                                       |         | Result                               | Result                | Result                |                       |                       |                        |                        |                        |                        |                       |                            |                              |                       |                     |                    |                                |
| 1                                   | ASTM A500/A500M-21A GRADE B ERW TUBING<br>4IN x 4IN x 0.125IN x 40FT HRB<br>4500547928 / 6540012040    | 24<br>6,200                           | B68164  | 6                                    | 4                     | 124                   | 11                    | 4                     | 20                     | 10                     | 50                     | 8                      | 3                     | 56,753                     | 67,769                       | 27                    |                     |                    | SA0000252799<br>A500 Grade B/C |
| 2                                   | ASTM A500/A500M-21A GRADE B ERW TUBING<br>4IN x 2IN x 0.125IN x 24FT HRB<br>4500547928 / 6640020012024 | 48<br>5,472                           | 854183* | 14                                   | 1                     | 35                    | 5                     | 10                    | 67                     | 27                     | 55                     | 9                      | 2                     | 53,414                     | 62,840                       | 27                    |                     |                    | SA0000252799<br>A500 Grade B/C |
| 3                                   | ASTM A500/A500M-21A GRADE B ERW TUBING<br>4IN x 2IN x 0.125IN x 24FT HRB<br>4500547928 / 6640020012024 | 48<br>5,472                           | A74884  | 5                                    | 4                     | 118                   | 13                    | 2                     | 20                     | 0                      | 50                     | 8                      | 3                     | 62,496                     | 64,235                       | 28                    |                     |                    | SA0000252799<br>A500 Grade B/C |
| 4                                   | ASTM A500/A500M-21A GRADE B ERW TUBING<br>4IN x 2IN x 0.125IN x 24FT HRB<br>4500547928 / 6640020012024 | 48<br>5,472                           | B67718  | 5                                    | 4                     | 118                   | 10                    | 1                     | 30                     | 10                     | 50                     | 8                      | 7                     | 59,479                     | 64,678                       | 28                    |                     |                    | SA0000252799<br>A500 Grade B/C |
| 5                                   | ASTM A500/A500M-21A GRADE B ERW TUBING<br>6IN x 2IN x 0.125IN x 40FT HRB<br>4500547928 / 6660020012040 | 36<br>9,300                           | A75299  | 6                                    | 4                     | 116                   | 9                     | 1                     | 30                     | 10                     | 40                     | 7                      | 8                     | 57,644                     | 67,817                       | 27                    |                     |                    | SA0000252799<br>A500 Grade B/C |
| 6                                   | ASTM A500/A500M-21A GRADE B ERW TUBING<br>6IN x 2IN x 0.125IN x 40FT HRB<br>4500547928 / 6660020012040 | 12<br>3,100                           | B67284  | 5                                    | 3                     | 118                   | 9                     | 2                     | 20                     | 10                     | 30                     | 9                      | 6                     | 54,082                     | 63,626                       | 27                    |                     |                    | SA0000252799<br>A500 Grade B/C |

Melted and Manufactured in the USA \*Manufactured in the USA  
This material has not come in direct contact with mercury during the manufacturing or testing processes. No Weld Repair. EN10204:2004 TYPE 3.1 Cert

We hereby certify that the material described herein conforms fully to the said specification.

Maruichi Leavitt Pipe & Tube, LLC



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| SPEC   | No of PCS   | Heat No | Chemical Composition(Ladle Analysis) |              |              |              |              |               |               |               |               |              |                      | Tensile Test           |                |        | Hydrostatic Test Pressure (PSI) | Bending Test Flattening Test   | Remarks |
|--|-------------|---------|--------------------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|----------------------|------------------------|----------------|--------|---------------------------------|--------------------------------|---------|
|  |             |         | C (%) X 100                          | Si (%) X 100 | Mn (%) X 100 | P (%) X 1000 | S (%) X 1000 | Cu (%) X 1000 | Ni (%) X 1000 | Cr (%) X 1000 | Mo (%) X 1000 | V (%) X 1000 | Yield Strength (PSI) | Tensile Strength (PSI) | Elongation (%) | Result |                                 |                                |         |
| 7 ASTM A500/A500M-21A GRADE B ERW TUBING<br>6IN x 2IN x 0.125IN x 40FT HRB<br>4500547928 / 6660020012040 | 24<br>6,200 | B68164  | 6                                    | 4            | 124          | 11           | 4            | 20            | 10            | 50            | 8             | 3            | 56,753               | 67,769                 | 27             |        |                                 | SA0000252799<br>A500 Grade B/C |         |
| 8 ASTM A500/A500M-21A GRADE B ERW TUBING<br>8IN x 3IN x 0.188IN x 40FT HRB<br>4500547938                 | 12<br>6,360 | A74727  | 19                                   | 4            | 72           | 14           | 3            | 20            | 10            | 40            | 7             | 6            | 63,700               | 77,606                 | 28             |        |                                 | SA0000252844<br>A500 Grade B/C |         |
|  |             |         |                                      |              |              |              |              |               |               |               |               |              |                      |                        |                |        |                                 |                                |         |
|  |             |         |                                      |              |              |              |              |               |               |               |               |              |                      |                        |                |        |                                 |                                |         |
|  |             |         |                                      |              |              |              |              |               |               |               |               |              |                      |                        |                |        |                                 |                                |         |
|  |             |         |                                      |              |              |              |              |               |               |               |               |              |                      |                        |                |        |                                 |                                |         |

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