


Date: 10/5/2023 Tag: B11100423 To: SENTRY SUPPLY dba SO#: A785845 Ln#: 2 PO#: P0244601-01 Part: F20003020\* Qty: 7 Heat#: 1087710\*

We hereby certify that the test results presented here are accurate and conform to the reported grade specification

**CMC STEEL ALABAMA**  
101 S 50TH STREET  
BIRMINGHAM AL 35212-3525

**CERTIFIED MILL TEST REPORT**  
For additional copies call  
800-637-3227

  
Marcus W. McCluney - CMC Steel AL  
Quality Assurance Manager



**1SERIES-BPS®**

|                                   |                   |             |
|-----------------------------------|-------------------|-------------|
| HEAT NO.: 1087710                 | DELIVERY#:        | 85542706    |
| SECTION: FLAT 2x3 20"0" A36/52950 | BOL#:             | 75556072    |
| GRADE: ASTM A36-19/A529-14 Gr 50  | CUST PO#:         | 99W137873   |
| ROLL DATE: 08/04/2023             | CUST P/N:         |             |
| MELT DATE: 07/22/2023             | DLVRY LBS / HEAT: | 4890.000 LB |
| Cert. No.: 85542706 / 087710B874  | DLVRY PCS / HEAT: | 12 EA       |

| Characteristic          | Value   | Characteristic               | Value   |
|-------------------------|---------|------------------------------|---------|
| C                       | 0.19%   | Elongation test 1            | 22%     |
| Mn                      | 0.69%   | Elongation Gage Lgth test 1  | 8IN     |
| P                       | 0.009%  | Yield to tensile ratio test1 | 0.73    |
| S                       | 0.023%  | Yield Strength test 2        | 55.6ksi |
| Si                      | 0.16%   | Tensile Strength test 2      | 78.8ksi |
| Cu                      | 0.23%   | Elongation test 2            | 23%     |
| Cr                      | 0.15%   | Elongation Gage Lgth test 2  | 8IN     |
| Ni                      | 0.20%   | Yield to tensile ratio test2 | 0.71    |
| Mo                      | 0.053%  |                              |         |
| V                       | 0.004%  |                              |         |
| Cb                      | 0.017%  |                              |         |
| Sn                      | 0.008%  |                              |         |
| B                       | 0.0002% |                              |         |
| Ti                      | 0.001%  |                              |         |
| N                       | 0.0107% |                              |         |
| Carbon Eq A6            | 0.37%   |                              |         |
| Carbon Eq A529          | 0.40%   |                              |         |
| Yield Strength test 1   | 56.7ksi |                              |         |
| Tensile Strength test 1 | 78.1ksi |                              |         |

The Following is true of the material represented by this MTR:  
 \*Material is fully killed and is Hot Rolled Steel  
 \*100% melted, rolled, and manufactured in the USA  
 \*EN10204:2004 3.1 compliant  
 \*Contains no weld repair  
 \*Contains no Mercury contamination  
 \*Manufactured in accordance with the latest version of the plant quality manual  
 \*Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661  
 \*Warning: This product can expose you to chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

REMARKS : ALSO MEETS ASTM GRADE A36 REV 08, A572-50, A709-36, A709-50, A992, AASHTO GRADE M270-36, M270-50, CSA G40.21-04 GRADE 44W, 50W, ASME SA-36 2008A ADDEND A.