



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

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

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

Marcus W. McCluney - CMC Steel AL

Quality Assurance Manager

1SERIES-BPS[®]

HEAT NO.:1089438 SECTION: FLAT 1-1/2x4 20'0" A36/52950 GRADE: ASTM A36-19/A529-14 Gr 50 ROLL DATE: 10/27/2023 MELT DATE: 10/21/2023 Cert. No.: 85598921 / 089438B422		Delivery#: 85598921 BOL#: 75648371 CUST PO#: 4500561833 CUST P/N: 1011640020 DLVRY LBS / HEAT: 4896.000 LB DLVRY PCS / HEAT: 12 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.17%	Elongation Gage Lgth test 1	8IN		
Mn	0.71%	Yield to tensile ratio test1	0.72		
P	0.009%	Yield Strength test 2	55.3ksi		
S	0.028%	Tensile Strength test 2	76.9ksi		
Si	0.18%	Elongation test 2	25%		
Cu	0.34%	Elongation Gage Lgth test 2	8IN		
Cr	0.13%	Yield to tensile ratio test2	0.72		
Ni	0.15%				
Mo	0.038%				
V	0.004%				
Cb	0.016%				
Sn	0.011%				
B	0.0002%				
Ti	0.001%				
N	0.0076%				
Carbon Eq A6	0.36%				
Carbon Eq A529	0.39%				
Yield Strength test 1	53.2ksi				
Tensile Strength test 1	73.8ksi				
Elongation test 1	25%				

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, A572-21 GR 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.