



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®**

<p>HEAT NO.:1089705 SECTION: ANG 4 X 4x5/8 40'0" A36/52950 GRADE: ASTM A36-19/A529-19 Gr 50 ROLL DATE: 11/20/2023 MELT DATE: 11/03/2023 Cert. No.: 85638249 / 089705B744</p>	<p>Delivery#: 85638249 BOL#: 75710257 CUST PO#: 4500564691 CUST P/N: 504004002040 DLVRY LBS / HEAT: 9420.000 LB DLVRY PCS / HEAT: 15 EA</p>
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.15%	Elongation Gage Lgth test 1	8IN		
Mn	0.71%	Yield to tensile ratio test1	0.69		
P	0.008%	Yield Strength test 2	53.1ksi		
S	0.023%	Tensile Strength test 2	77.1ksi		
Si	0.16%	Elongation test 2	27%		
Cu	0.28%	Elongation Gage Lgth test 2	8IN		
Cr	0.14%	Yield to tensile ratio test2	0.69		
Ni	0.12%				
Mo	0.042%				
V	0.004%				
Cb	0.012%				
Sn	0.011%				
B	0.0002%				
Ti	0.001%				
N	0.0087%				
Carbon Eq A6	0.33%				
Carbon Eq A529	0.36%				
Yield Strength test 1	52.9ksi				
Tensile Strength test 1	76.2ksi				
Elongation test 1	26%				

**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](http://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.