



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

**CERTIFIED MILL TEST REPORT**

For additional copies call  
800-227-6489

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<sup>®</sup>**

HEAT NO.:1088405 SECTION: ANG 5 X 3 1/2x5/16 40'0" A36/52950 GRADE: ASTM A36-19/A529-19 Gr 50 ROLL DATE: 09/08/2023 MELT DATE: 08/30/2023 Cert. No.: 85585707 / 088405B473	S O L D  T O	S H I P  T O	Delivery#: 85585707 BOL#: 75626302 CUST PO#: 4500561048 CUST P/N: 505003161040 DLVRY LBS / HEAT: 10440.000 LB DLVRY PCS / HEAT: 30 EA
--	--------------------------------	--------------------------------	--

Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.15%	Elongation test 1	25%	<p><b>The Following is true of the material represented by this MTR:</b></p> <p><i>*Material is fully killed and is Hot Rolled Steel</i></p> <p><i>*100% melted, rolled, and manufactured in the USA</i></p> <p><i>*EN10204:2004 3.1 compliant</i></p> <p><i>*Contains no weld repair</i></p> <p><i>*Contains no Mercury contamination</i></p> <p><i>*Manufactured in accordance with the latest version of the plant quality manual</i></p> <p><i>*Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661</i></p> <p><i>*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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a></i></p>	
Mn	0.64%	Elongation Gage Lgth test 1	8IN		
P	0.009%	Yield to tensile ratio test1	0.73		
S	0.021%	Yield Strength test 2	54.0ksi		
Si	0.17%	Tensile Strength test 2	74.1ksi		
Cu	0.29%	Elongation test 2	25%		
Cr	0.15%	Elongation Gage Lgth test 2	8IN		
Ni	0.12%	Yield to tensile ratio test2	0.73		
Mo	0.033%				
V	0.003%				
Cb	0.009%				
Sn	0.009%				
B	0.0003%				
Ti	0.001%				
N	0.0108%				
Carbon Eq A6	0.32%				
Carbon Eq A529	0.35%				
Yield Strength test 1	54.0ksi				
Tensile Strength test 1	73.9ksi				

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.