



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*  
Marcus W. McCluney - CMC Steel AL  
Quality Assurance Manager

1SERIES-BPS®

HEAT NO.:1085600 SECTION: ANG 4 X 3x1/4 20'0" A36/52950 GRADE: ASTM A36-19/A529-14 Gr 50 ROLL DATE: 03/15/2023 MELT DATE: 03/08/2023 Cert. No.: 85394980 / 085600B897	O 7855872282	Delivery#: 85394980 BOL#: 75317143 CUST PO#: 4500549018 CUST P/N: 50400300820 DLVRY LBS / HEAT: 46400.000 LB DLVRY PCS / HEAT: 400 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.14%	Elongation Gage Lgth test 1	8IN	<p>The Following is true of the material represented by this MTR:</p> <ul style="list-style-type: none"> <li>*Material is fully killed and is Hot Rolled Steel</li> <li>*100% melted, rolled, and manufactured in the USA</li> <li>*EN10204:2004 3.1 compliant</li> <li>*Contains no weld repair</li> <li>*Contains no Mercury contamination</li> <li>*Manufactured in accordance with the latest version of the plant quality manual</li> <li>*Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661</li> <li>*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></li> </ul>	
Mn	0.62%	Yield to tensile ratio test1	0.75		
P	0.011%	Yield Strength test 2	56.5ksi		
S	0.027%	Tensile Strength test 2	74.1ksi		
Si	0.17%	Elongation test 2	25%		
Cu	0.34%	Elongation Gage Lgth test 2	8IN		
Cr	0.13%	Yield to tensile ratio test2	0.76		
Ni	0.15%				
Mo	0.052%				
V	0.005%				
Cb	0.009%				
Sn	0.012%				
B	0.0002%				
Ti	0.001%				
N	0.0080%				
Carbon Eq A6	0.31%				
Carbon Eq A529	0.34%				
Yield Strength test 1	56.4ksi				
Tensile Strength test 1	75.2ksi				
Elongation test 1	25%				

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.