



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.:1087391 SECTION: ANG 7 X 4x3/8 20'0" A36/52950 GRADE: ASTM A36-19/A529-19 Gr 50 ROLL DATE: 07/21/2023 MELT DATE: 07/07/2023 Cert. No.: 85517221 / 087391B913		Delivery#: 85517221 BOL#: 75514573 CUST PO#: 4500555497 CUST P/N: 507004001220 DLVRY LBS / HEAT: 10880.000 LB DLVRY PCS / HEAT: 40 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.16%	Elongation Gage Lgth test 1	8IN		
Mn	0.71%	Yield to tensile ratio test1	0.72		
P	0.013%	Yield Strength test 2	55.9ksi		
S	0.024%	Tensile Strength test 2	74.9ksi		
Si	0.17%	Elongation test 2	25%		
Cu	0.32%	Elongation Gage Lgth test 2	8IN		
Cr	0.15%	Yield to tensile ratio test2	0.75		
Ni	0.11%				
Mo	0.034%				
V	0.004%				
Cb	0.012%				
Sn	0.011%				
B	0.0003%				
Ti	0.001%				
N	0.0078%				
Carbon Eq A6	0.34%				
Carbon Eq A529	0.37%				
Yield Strength test 1	56.4ksi				
Tensile Strength test 1	77.8ksi				
Elongation test 1	25%				
<p>The Following is true of the material represented by this MTR:</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 www.P65Warnings.ca.gov</i></p>					

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.