



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.:1082759 SECTION: ANG 4 X 3x1/2 20'0" A36/52950 GRADE: ASTM A36-19/A529-14 Gr 50 ROLL DATE: 10/14/2022 MELT DATE: 10/05/2022 Cert. No.: 85208077 / 082759B960	Delivery#: 85208077 BOL#: 75039747 CUST PO#: 4500537349 CUST P/N: 504003001620 DLVRY LBS / HEAT: 5106.000 LB DLVRY PCS / HEAT: 23 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.16%	Elongation Gage Lgth test 1	8IN		
Mn	0.68%	Yield to tensile ratio test1	0.70		
P	0.009%	Yield Strength test 2	54.2ksi		
S	0.021%	Tensile Strength test 2	76.8ksi		
Si	0.19%	Elongation test 2	24%		
Cu	0.31%	Elongation Gage Lgth test 2	8IN		
Cr	0.16%	Yield to tensile ratio test2	0.71		
Ni	0.12%				
Mo	0.040%				
V	0.004%				
Cb	0.012%				
Sn	0.009%				
B	0.0002%				
Ti	0.001%				
N	0.0118%				
Carbon Eq A6	0.34%				
Carbon Eq A529	0.37%				
Yield Strength test 1	54.4ksi				
Tensile Strength test 1	77.3ksi				
Elongation test 1	24%				
<p>The Following is true of the material represented by this MTR:</p> <p>*Material is fully killed and is Hot Rolled Steel</p> <p>*100% melted, rolled, and manufactured in the USA</p> <p>*EN10204:2004 3.1 compliant</p> <p>*Contains no weld repair</p> <p>*Contains no Mercury contamination</p> <p>*Manufactured in accordance with the latest version of the plant quality manual</p> <p>*Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661</p> <p>*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</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.