



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.:1088429 SECTION: ANG 4 X 3x5/16 20'0" A36/52950 GRADE: ASTM A36-19/A529-19 Gr 50 ROLL DATE: 11/02/2023 MELT DATE: 08/30/2023 Cert. No.: 85615302 / 088429B467	Delivery#: 85615302 BOL#: 75675910 CUST PO#: 4500563036 CUST P/N: 504003001020 DLVRY LBS / HEAT: 4320.000 LB DLVRY PCS / HEAT: 30 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.15%	Elongation Gage Lgth test 1	8IN		
Mn	0.62%	Yield to tensile ratio test1	0.74		
P	0.010%	Yield Strength test 2	52.5ksi		
S	0.026%	Tensile Strength test 2	73.3ksi		
Si	0.15%	Elongation test 2	25%		
Cu	0.36%	Elongation Gage Lgth test 2	8IN		
Cr	0.13%	Yield to tensile ratio test2	0.72		
Ni	0.11%				
Mo	0.034%				
V	0.003%				
Cb	0.008%				
Sn	0.010%				
B	0.0002%				
Ti	0.001%				
N	0.0084%				
Carbon Eq A6	0.31%				
Carbon Eq A529	0.34%				
Yield Strength test 1	52.8ksi				
Tensile Strength test 1	71.8ksi				
Elongation test 1	23%				

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*

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.