



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.:1085605 SECTION: ANG 4 X 3 1/2x3/8 20'0" A36/52950 GRADE: ASTM A36-19/A529-14 Gr 50 ROLL DATE: 05/06/2023 MELT DATE: 03/09/2023 Cert. No.: 85409020 / 085605B899		Delivery#: 85409020 BOL#: 75341663 CUST PO#: 4500550937 CUST P/N: 504003161220 DLVRY LBS / HEAT: 5460.000 LB DLVRY PCS / HEAT: 30 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.14%	Elongation Gage Lgth test 1	8IN		
Mn	0.65%	Yield to tensile ratio test1	0.71		
P	0.010%	Yield Strength test 2	53.1ksi		
S	0.028%	Tensile Strength test 2	73.8ksi		
Si	0.18%	Elongation test 2	23%		
Cu	0.29%	Elongation Gage Lgth test 2	8IN		
Cr	0.13%	Yield to tensile ratio test2	0.72		
Ni	0.10%				
Mo	0.028%				
V	0.003%				
Cb	0.009%				
Sn	0.010%				
B	0.0002%				
Ti	0.001%				
N	0.0071%				
Carbon Eq A6	0.31%				
Carbon Eq A529	0.34%				
Yield Strength test 1	52.5ksi				
Tensile Strength test 1	74.3ksi				
Elongation test 1	25%				

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, A572-50, A709-36, A709-50, A992, AASHTO GRADE M270-36, M270-50, CSA G40.21-04 GRADE 44W, 50W, ASME SA-36 2008A ADDEND A.