



CMC STEEL ALABAMA  
101 S 50TH STREET  
BIRMINGHAM AL 35212-3525

CERTIFIED MILL TEST REPORT  
For additional copies call  
800-227-6489

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<sup>®</sup>**

HEAT NO.:1087730 SECTION: CHANNEL 5"x9.0# 40"0" A36/52950 GRADE: ASTM A36-19/A529-19 Gr50 ROLL DATE: 08/07/2023 MELT DATE: 07/23/2023 Cert. No.: 85598515 / 087730B899		Delivery#: 85598515 BOL#: 75647908 CUST PO#: 4500561618 CUST P/N: 25590040 DLVRY LBS / HEAT: 10800.000 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	0.67%	Yield to tensile ratio test1	0.72		
P	0.011%	Yield Strength test 2	54.1ksi		
S	0.028%	Tensile Strength test 2	73.7ksi		
Si	0.15%	Elongation test 2	26%		
Cu	0.36%	Elongation Gage Lgth test 2	8IN		
Cr	0.13%	Yield to tensile ratio test2	0.73		
Ni	0.13%				
Mo	0.034%				
V	0.004%				
Cb	0.009%				
Sn	0.013%				
B	0.0003%				
Ti	0.001%				
N	0.0087%				
Carbon Eq A6	0.33%				
Carbon Eq A529	0.35%				
Yield Strength test 1	53.7ksi				
Tensile Strength test 1	74.1ksi				
Elongation test 1	24%				

**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](http://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.