

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®**

HEAT NO.: 1090170 SECTION: CHANNEL 8"x11.5# 40'0" A36/572T1 GRADE: ASTM A36-19/A572-21e1 Gr50 Tp1 ROLL DATE: 12/15/2023 MELT DATE: 12/02/2023 Cert. No.: 85663747 / 090170B822	S O L D T O	S 555 POINT MANH US 6650Z-0000 7855875182 7855872282	S H I P T O	4750 US 75604-4817 9037591859	Delivery#: 85663747 BOL#: 75751637 CUST PO#: 4500566272 CUST P/N: 258115040 DLVRY LBS / HEAT: 33120.000 LB DLVRY PCS / HEAT: 72 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.12%	Yield to tensile ratio test1	0.77		
Mn	0.86%	Yield Strength test 2	55.2ksi		
P	0.012%	Tensile Strength test 2	72.4ksi		
S	0.027%	Elongation test 2	26%		
Si	0.17%	Elongation Gage Lgth test 2	8IN		
Cu	0.34%	Yield to tensile ratio test2	0.76		
Cr	0.14%				
Ni	0.17%				
Mo	0.043%				
V	0.007%				
Cb	0.007%				
Sn	0.011%				
B	0.0003%				
Ti	0.001%				
N	0.0076%				
Carbon Eq A6	0.33%				
Yield Strength test 1	55.6ksi				
Tensile Strength test 1	72.4ksi				
Elongation test 1	25%				
Elongation Gage Lgth test 1	8IN				

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 A709 GR. 36, ASME SA36-08 ADDEND A, M270 GR. 36, M270 GR. 50 TYP 1, A709 GR. 50 TYP 1, A529-50, A992, CSA G40.21 GRADE CAN 44W AND CAN 50W