



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
Marcus W. McCluney - CMC Steel AL
Quality Assurance Manager

1SERIES-BPS®

HEAT NO.:1088045 SECTION: CHANNEL 7"x9.8# 40'0" A36/572T1 GRADE: ASTM A36-19/A572-21e1 Gr50 Tp1 ROLL DATE: 09/01/2023 MELT DATE: 08/13/2023 Cert. No.: 85603803 / 088045B840	S O L D T O	555 POYNTZ AVE MANHATTAN KS US 66502-6085 7855875182 7855872282	S H I P T O	1003 Fort Gibson Rd Catoosa OK US 74015-0000 9182666325	Delivery#: 85603803 BOL#: 75657535 CUST PO#: 4500561721 CUST P/N: 25798040 DLVRY LBS / HEAT: 10976.000 LB DLVRY PCS / HEAT: 28 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.12%	Yield to tensile ratio test1	0.76		
Mn	0.69%	Yield Strength test 2	55.3ksi		
P	0.010%	Tensile Strength test 2	73.4ksi		
S	0.028%	Elongation test 2	25%		
Si	0.17%	Elongation Gage Lgth test 2	8IN		
Cu	0.38%	Yield to tensile ratio test2	0.75		
Cr	0.11%				
Ni	0.14%				
Mo	0.036%				
V	0.002%				
Cb	0.009%				
Sn	0.011%				
B	0.0004%				
Ti	0.001%				
N	0.0075%				
Carbon Eq A6	0.30%				
Yield Strength test 1	55.4ksi				
Tensile Strength test 1	73.2ksi				
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