



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.:1085823
SECTION: CHANNEL 8"x11.5# 40'0"
A36/572T1
GRADE: ASTM A36-19/A572-21e1 Gr50 Tp1
ROLL DATE: 03/29/2023
MELT DATE: 03/18/2023
Cert. No.: 85553637 / 085823B822

Delivery#: 85553637
BOL#: 75573937
CUST PO#: 4500557343
CUST P/N: 258115040
DLVRY LBS / HEAT: 33120.000 LB
DLVRY PCS / HEAT: 72 EA

Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.10%	Yield to tensile ratio test1	0.80		
Mn	0.87%	Yield Strength test 2	57.3ksi		
P	0.009%	Tensile Strength test 2	71.3ksi		
S	0.028%	Elongation test 2	25%		
Si	0.15%	Elongation Gage Lgth test 2	8IN		
Cu	0.32%	Yield to tensile ratio test2	0.80		
Cr	0.18%				
Ni	0.11%				
Mo	0.034%				
V	0.004%				
Cb	0.008%				
Sn	0.010%				
B	0.0002%				
Ti	0.001%				
N	0.0077%				
Carbon Eq A6	0.32%				
Yield Strength test 1	57.1ksi				
Tensile Strength test 1	71.5ksi				
Elongation test 1	27%				
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