



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
Marcus W. McCluney - CMC Steel AL
Quality Assurance Manager

1SERIES-BPS®

HEAT NO.: 1082874
SECTION: ANG 5 X 3 1/2x3/8 20'0" A36/52950
GRADE: ASTM A36-19/A529-14 Gr 50
ROLL DATE: 10/18/2022
MELT DATE: 10/11/2022
Cert. No.: 85232430 / 082874B280

Delivery#: 85232430
BOL#: 75080139
CUST PO#: 4500539730
CUST P/N: 505003161220
DLVRY LBS / HEAT: 5200.000 LB
DLVRY PCS / HEAT: 25 EA

Characteristic	Value	Characteristic	Value
C	0.16%	Elongation Gage Lgth test 1	8IN
Mn	0.70%	Yield to tensile ratio test1	0.71
P	0.013%	Yield Strength test 2	54.9Ksi
S	0.027%	Tensile Strength test 2	76.9Ksi
Si	0.20%	Elongation test 2	26%
Cu	0.43%	Elongation Gage Lgth test 2	8IN
Cr	0.18%	Yield to tensile ratio test2	0.71
Ni	0.14%		
Mo	0.042%		
V	0.005%		
Cb	0.010%		
Sn	0.013%		
B	0.0002%		
Ti	0.001%		
N	0.0120%		
Carbon Eq A6	0.36%		
Carbon Eq A529	0.39%		
Yield Strength test 1	54.5Ksi		
Tensile Strength test 1	77.3Ksi		
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

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.