

We hereby certify that the test results presented here are accurate and conform to the reported grade specification

CERTIFIED MILL TEST REPORT

For additional copies call
800-637-3227

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



1SERIES-BPS®

HEAT NO.: 1081272
SECTION: ANG 5 X 3 1/2x1/2 20'0" A36/52950
GRADE: ASTM A36-19/A529-14 Gr 50
ROLL DATE: 07/26/2022
MELT DATE: 07/19/2022
Cert. No.: 85152674 / 081272B398

Marcus W. McCluney
Marcus W. McCluney - CMC Steel AL
Quality Assurance Manager

Delivery#: 85152674 BOL#: 74956538 CUST PO#: 4500534981 CUST P/N: 505003161620 DLVRY LBS / HEAT: 5440.000 LB DLVRY PCS / HEAT: 20 EA		US 75604-4817 9037591859		/855875182 7855872282			
Characteristic		Value		Characteristic		Value	
C	0.16%	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			
Mn	0.69%	Yield to tensile ratio test1	0.71				
P	0.015%	Yield Strength test 2	55.8ksi				
S	0.024%	Tensile Strength test 2	76.4ksi				
Si	0.15%	Elongation test 2	25%				
Cu	0.37%	Elongation Gage Lgth test 2	8IN				
Cr	0.13%	Yield to tensile ratio test2	0.73				
Ni	0.16%						
Mo	0.056%						
V	0.005%						
Cb	0.012%						
Sn	0.012%						
B	0.0002%						
Ti	0.001%						
N	0.0105%						
Carbon Eq A6	0.34%						
Carbon Eq A529	0.37%						
Yield Strength test 1	55.3ksi						
Tensile Strength test 1	77.6ksi						
Elongation test 1	24%						

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.