

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.:1086514

SECTION: ANG 5 X 3 1/2x5/16 20'0"

A36/52950

GRADE: ASTM A36-19/A529-14 Gr 50

ROLL DATE: 05/06/2023 MELT DATE: 04/26/2023

Cert. No.: 85437646 / 086514B269

	Delivery#: 85437646
	BOL#: 75387056
	CUST PO#: 4500552357
	CUST P/N: 505003161020

DLVRY LBS / HEAT: 20880.000 LB

DLVRY PCS / HEAT: 120 EA

Characteristic	Value	Characteristic	Value	Characteristic Value
С	0.15%	Elongation Gage Lgth test 1	8IN	
Mn	0.63%	Yield to tensile ratio test1	0.77	
Р	0.010%	Yield Strength test 2	56.7ksi	
S	0.024%	Tensile Strength test 2	74.7ksi	
Si	0.17%	Elongation test 2	27%	
Cu	0.36%	Elongation Gage Lgth test 2	8IN	
Cr	0.19%	Yield to tensile ratio test2	0.76	
Ni	0.16%			
Мо	0.037%			The Following is true of the material represented by this MTR:
V	0.004%			*Material is fully killed and is Hot Rolled Steel
Cb	0.009%			*100% melted, rolled, and manufactured in the USA
Sn	0.011%			*EN10204:2004 3.1 compliant
В	0.0002%			*Contains no weld repair
Ti	0.001%			*Contains no Mercury contamination
N	0.0086%			*Manufactured in accordance with the latest version
Carbon Eq A6	0.34%			of the plant quality manual
Carbon Eq A529	0.37%			*Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661
Yield Strength test 1	56.5ksi			*Warning: This product can expose you to chemicals which are
Tensile Strength test 1	73.8ksi			known to the State of California to cause cancer, birth defects
Elongation test 1	25%			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.