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.:1085244
SECTION: ANG 3 X 2 1/2x1/4 20'0" A36/52950
GRADE: ASTM A36-19/A529-19 Gr 50
ROLL DATE: 03/06/2023
MELT DATE: 02/18/2023
Cert. No.: 85517222 / 085244B858

Delivery#: 85517222
BOL#: 75514573
CUST PO#: 4500555861
CUST P/N: 50300216820
DLVRY LBS / HEAT: 5040.000 LB
DLVRY PCS / HEAT: 56 EA

Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.14%	Elongation Gage Lgth test 1	8IN		
Mn	0.61%	Yield to tensile ratio test1	0.76		
P	0.009%	Yield Strength test 2	53.4ksi		
S	0.030%	Tensile Strength test 2	70.9ksi		
Si	0.16%	Elongation test 2	25%		
Cu	0.26%	Elongation Gage Lgth test 2	8IN		
Cr	0.15%	Yield to tensile ratio test2	0.75		
Ni	0.13%				
Mo	0.043%				
V	0.005%				
Cb	0.010%				
Sn	0.010%				
B	0.0002%				
Ti	0.001%				
N	0.0088%				
Carbon Eq A6	0.30%				
Carbon Eq A529	0.33%				
Yield Strength test 1	54.3ksi				
Tensile Strength test 1	71.9ksi				
Elongation test 1	25%				

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.