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.:1082637
SECTION: ANG 4 X 4x3/8 20'0" A36/52950
GRADE: ASTM A36-19/A529-14 Gr 50
ROLL DATE: 11/30/2022
MELT DATE: 09/29/2022
Cert. No.: 85245821 / 082637B175

S

Manhattan KS
US 66502-6085
7855875182
7855872282

Longview TX
US 75604-4817
9037591859

Delivery#: 85245821
BOL#: 75097675
CUST PO#: 4500539880
CUST P/N: 504004001220
DLVRY LBS / HEAT: 19600.000 LB
DLVRY PCS / HEAT: 100 EA

Characteristic	Value
C	0.16%
Mn	0.71%
P	0.014%
S	0.031%
Si	0.20%
Cu	0.47%
Cr	0.14%
Ni	0.12%
Mo	0.031%
V	0.004%
Cb	0.010%
Sn	0.018%
B	0.0003%
Ti	0.001%
N	0.0098%
Carbon Eq A6	0.35%
Carbon Eq A529	0.38%
Yield Strength test 1	54.1ksi
Tensile Strength test 1	75.0ksi
Elongation test 1	26%

Characteristic	Value
Elongation Gage Lgth test 1	8IN
Yield to tensile ratio test1	0.72
Yield Strength test 2	54.8ksi
Tensile Strength test 2	75.1ksi
Elongation test 2	25%
Elongation Gage Lgth test 2	8IN
Yield to tensile ratio test2	0.73

Characteristic	Value

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.