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.:1089705		Delivery#: 85638249
SECTION: ANG 4 X 4x5/8 40'0" A36/52950		BOL#: 75710257
GRADE: ASTM A36-19/A529-19 Gr 50		CUST PO#: 4500564691
ROLL DATE: 11/20/2023		CUST P/N: 504004002040
MELT DATE: 11/03/2023		DLVRY LBS / HEAT: 9420.000 LB
Cert. No.: 85638249 / 089705B744		DLVRY PCS / HEAT: 15 EA

Characteristic	Value
C	0.15%
Mn	0.71%
P	0.008%
S	0.023%
Si	0.16%
Cu	0.28%
Cr	0.14%
Ni	0.12%
Mo	0.042%
V	0.004%
Cb	0.012%
Sn	0.011%
B	0.0002%
Ti	0.001%
N	0.0087%
Carbon Eq A6	0.33%
Carbon Eq A529	0.36%
Yield Strength test 1	52.9ksi
Tensile Strength test 1	76.2ksi
Elongation test 1	26%

Characteristic	Value
Elongation Gage Lgth test 1	8IN
Yield to tensile ratio test1	0.69
Yield Strength test 2	53.1ksi
Tensile Strength test 2	77.1ksi
Elongation test 2	27%
Elongation Gage Lgth test 2	8IN
Yield to tensile ratio test2	0.69

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, A572-21 GR 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.