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	SOLD TO	[illegible] MANHATTAN KS US 66502-6085 7855875182 7855872282	SHIP TO	[illegible] US 74015-0000 9182666325	Delivery#: 85437646 BOL#: 75387056 CUST PO#: 4500552357 CUST P/N: 505003161020 DLVRY LBS / HEAT: 20880.000 LB DLVRY PCS / HEAT: 120 EA

Characteristic	Value
C	0.15%
Mn	0.63%
P	0.010%
S	0.024%
Si	0.17%
Cu	0.36%
Cr	0.19%
Ni	0.16%
Mo	0.037%
V	0.004%
Cb	0.009%
Sn	0.011%
B	0.0002%
Ti	0.001%
N	0.0086%
Carbon Eq A6	0.34%
Carbon Eq A529	0.37%
Yield Strength test 1	56.5ksi
Tensile Strength test 1	73.8ksi
Elongation test 1	25%

Characteristic	Value
Elongation Gage Lgth test 1	8IN
Yield to tensile ratio test1	0.77
Yield Strength test 2	56.7ksi
Tensile Strength test 2	74.7ksi
Elongation test 2	27%
Elongation Gage Lgth test 2	8IN
Yield to tensile ratio test2	0.76

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.