CMC STEEL SOUTH CAROLINA
310 New State Road
Cayce SC 29033-3704

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

Curtis G. Glenn.

Quality Assurance Manager

1SERIES-BPS ®

HEAT NO.:2092181 **SECTION: ANG 1 X 1x1/8 20'0" A36/52950** **GRADE: ASTM A36-19/A529-14 Gr 50** **ROLL DATE: 11/30/2021** **MELT DATE: 10/27/2021** **Cert. No.: 83669736 / 092181D628**	**SOLD TO**		**SHIP TO**	**Delivery#: 83669736** **BOL#: 74497109** **CUST PO#: 4500513442** **CUST P/N: 50100100420** **DLVRY LBS / HEAT: 36320.000 LB** **DLVRY PCS / HEAT: 2270 EA**

Characteristic	Value
C	0.14%
Mn	0.67%
P	0.014%
S	0.019%
Si	0.22%
Cu	0.38%
Cr	0.27%
Ni	0.12%
Mo	0.041%
V	0.000%
Cb	0.010%
Sn	0.010%
Al	0.002%
B	0.0002%
Ti	0.001%
N	0.0095%
Carbon Eq A529	0.39%
Yield Strength test 1	57.6ksi
Tensile Strength test 1	76.3ksi
Elongation test 1	25%

Characteristic	Value
Elongation Gage Lgth test 1	8IN
Yield to tensile ratio test1	0.75
Yield Strength test 2	57.2ksi
Tensile Strength test 2	76.5ksi
Elongation test 2	25%
Elongation Gage Lgth test 2	8IN
Yield to tensile ratio test2	0.75
C+(Mn/6)	0.25%

Characteristic	Value

The Following is true of the material represented by this MTR:

**Material is fully killed*
**100% melted and rolled 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-03A & REV-14, A529 GR.50, A572 GR.50, A709 GR.36, A709 GR.50, A992, AASHTO GRADE M270 GR.36, M270 GR.50, CSA G 40.21-04 GRADE 44W,50W,ASME SA-36 2008A ADDEND A