



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

Richard S. Ray

Richard S. Ray - CMC Steel SC

1SERIES-BPS®

Quality Assurance Manager

HEAT NO.:2075984
SECTION: FLAT 3/4x4-1/2 20"0" A36/52950
GRADE: ASTM A36-14/A529-14 GR 50
ROLL DATE: 06/15/2019
MELT DATE: 06/09/2019
Cert. No.: 82822391 / 075984D915

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Delivery#: 82822391
BOL#: 73166371
CUST PO#: 7425520
CUST P/N: MB34412FLTMA360240
DLVRY LBS / HEAT: 43360.000 LB
DLVRY PCS / HEAT: 189 EA

Characteristic Value

C 0.18%
Mn 0.70%
P 0.012%
S 0.027%
Si 0.24%
Cu 0.34%
Cr 0.13%
Ni 0.12%
Mo 0.041%
V 0.000%
Cb 0.025%
Sn 0.011%
Al 0.000%
Ti 0.001%
N 0.0063%
Carbon Eq A529 0.41%

Yield Strength test 1 55.2ksi
Tensile Strength test 1 76.6ksi
Elongation test 1 30%

Characteristic Value

Elongation Gage Lgth test 1 8IN
Yield to tensile ratio test1 0.72
Yield Strength test 2 55.5ksi
Tensile Strength test 2 76.7ksi
Elongation test 2 27%
Elongation Gage Lgth test 2 8IN
Yield to tensile ratio test2 0.72
C+(Mn/6) 0.30%

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, A529 GR.50, A572-2015 GR.50, A709 GR.36, A709 GR.50, A992, AASHTO GRADE M270 GR.36, M270 GR.50, CSA G40.2
1-04 GRADE 44W, 50WASME SA-36 2008A ADDEND A.