



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®

HEAT NO.: 2073074 SECTION: ANG 2 X 2X5/16 40"0" A36/52950 GRADE: ASTM A36-14/A529-14 Gr 50 ROLL DATE: 01/09/2019 MELT DATE: 01/08/2019 Cert. No.: 82664637 / 073074D870	S O L D T O S H I P T O Delivery#: 82664637 BOL#: 72902105 CUST PO#: Ssw105790 CUST P/N: DLVRY LBS / HEAT: 42335.000 LB DLVRY PCS / HEAT: 270 EA
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Quality Assurance Manager

Characteristic	Value	Characteristic	Value
C	0.13%	Elongation Gage Lgth test 1	8IN
Mn	0.65%	Yield to tensile ratio test1	0.73
P	0.014%	Yield Strength test 2	53.4ksi
S	0.022%	Tensile Strength test 2	73.1ksi
Si	0.18%	Elongation test 2	25%
Cu	0.28%	Elongation Gage Lgth test 2	8IN
Cr	0.19%	Yield to tensile ratio test2	0.73
Ni	0.14%	C+(Mn/6)	0.24%
Mo	0.036%		
V	0.000%		
Cb	0.010%		
Sn	0.011%		
Al	0.000%		
Ti	0.000%		
N	0.0050%		
Carbon Eq A529	0.34%		
Yield Strength test 1	53.3ksi		
Tensile Strength test 1	73.1ksi		
Elongation test 1	27%		

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 G40.21-04 GRADE 44W, 50WASME SA-36 2008A ADDEND A.

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
 *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