



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<sup>®</sup>

HEAT NO.:2092138 SECTION: ANG 2 1/2 X 2 1/2x3/16 20"0" A36/52950 GRADE: ASTM A36-19/A529-14 Gr 50 ROLL DATE: 11/09/2021 MELT DATE: 10/25/2021 Cert. No.: 83699206 / 092138D427	S O L D  T O		Delivery#: 83699206 BOL#: 74542189 CUST PO#: 4500521528 CUST P/N: 50216216620 DLVRY LBS / HEAT: 17988.000 LB DLVRY PCS / HEAT: 293 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.13%	Elongation Gage Lgth test 1	8IN	<b>The Following is true of the material represented by this MTR:</b> <i>*Material is fully killed</i> <i>*100% melted and rolled in the USA</i> <i>*EN10204:2004 3.1 compliant</i> <i>*Contains no weld repair</i> <i>*Contains no Mercury contamination</i> <i>*Manufactured in accordance with the latest version of the plant quality manual</i> <i>*Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661</i> <i>*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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a></i>	
Mn	0.73%	Yield to tensile ratio test1	0.75		
P	0.012%	Yield Strength test 2	57.2ksi		
S	0.022%	Tensile Strength test 2	76.4ksi		
Si	0.24%	Elongation test 2	30%		
Cu	0.38%	Elongation Gage Lgth test 2	8IN		
Cr	0.17%	Yield to tensile ratio test2	0.75		
Ni	0.14%	C+(Mn/6)	0.25%		
Mo	0.035%				
V	0.000%				
Cb	0.010%				
Sn	0.013%				
Al	0.002%				
B	0.0002%				
Ti	0.001%				
N	0.0117%				
Carbon Eq A529	0.37%				
Yield Strength test 1	56.5ksi				
Tensile Strength test 1	75.4ksi				
Elongation test 1	31%				

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