



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.:2102934 SECTION: ANG 3 1/2 X 3 1/2x5/16 20"0" A36/52950 GRADE: ASTM A36-19/A529-14 Gr 50 ROLL DATE: 04/24/2023 MELT DATE: 04/20/2023 Cert. No.: 85425613 / 102934D664		Delivery#: 85425613 BOL#: 75368789 CUST PO#: 4500549681 CUST P/N: 503163161020 DLVRY LBS / HEAT: 5040.000 LB DLVRY PCS / HEAT: 35 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.15%	Elongation Gage Lgth test 1	8IN		
Mn	0.66%	Yield to tensile ratio test1	0.72		
P	0.011%	Yield Strength test 2	54.0ksi		
S	0.027%	Tensile Strength test 2	74.6ksi		
Si	0.20%	Elongation test 2	32%		
Cu	0.40%	Elongation Gage Lgth test 2	8IN		
Cr	0.21%	Yield to tensile ratio test2	0.72		
Ni	0.17%	C+(Mn/6)	0.26%		
Mo	0.033%				
V	0.000%				
Cb	0.010%				
Sn	0.014%				
Al	0.002%				
B	0.0003%				
Ti	0.001%				
N	0.0193%				
Carbon Eq A529	0.38%				
Yield Strength test 1	53.7ksi				
Tensile Strength test 1	74.4ksi				
Elongation test 1	32%				

**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](http://www.P65Warnings.ca.gov)*

REMARKS : ALSO MEETS ASTM GRADE A36, A529 GR.50, A572 GR.50, A709 GR.36, A709 GR.50, A992, AASHTO GRADE M270 GR.36, M270 GR.50, CSA G40.21-04 GRADE 44 W,50W,ASME SA-36