



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.:2096276 SECTION: ROUND 2 x 20"0" A36/52950 GRADE: ASTM A36-19/A529-14 Gr 50 ROLL DATE: 06/02/2022 MELT DATE: 05/29/2022 Cert. No.: 85128081 / 096276D980	S O L D U T O		Delivery#: 85128081 BOL#: 74920849 CUST PO#: 4500535085 CUST P/N: 9020020 DLVRY LBS / HEAT: 10254.000 LB DLVRY PCS / HEAT: 48 EA
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.17%	Elongation Gage Lgth test 1	8IN	The Following is true of the material represented by this MTR: <i>*Material is fully killed and is Hot Rolled Steel</i> <i>*100% melted, rolled, and manufactured 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 www.P65Warnings.ca.gov</i>	
Mn	0.66%	Reduction of Area test 1	32%		
P	0.013%	Yield to tensile ratio test1	0.73		
S	0.019%	Yield Strength test 2	52.8ksi		
Si	0.19%	Tensile Strength test 2	74.2ksi		
Cu	0.42%	Elongation test 2	29%		
Cr	0.20%	Elongation Gage Lgth test 2	8IN		
Ni	0.15%	Reduction of Area test 2	49%		
Mo	0.034%	Yield to tensile ratio test2	0.71		
V	0.027%	C+(Mn/6)	0.28%		
Cb	0.000%				
Sn	0.013%				
Al	0.002%				
B	0.0002%				
Ti	0.002%				
N	0.0126%				
Carbon Eq A529	0.40%				
Yield Strength test 1	53.4ksi				
Tensile Strength test 1	73.0ksi				
Elongation test 1	24%				

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