



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.:2101907
SECTION: ROUND 2 x 20"0" A36/52950
GRADE: ASTM A36-19/A529-14 Gr 50
ROLL DATE: 03/15/2023
MELT DATE: 02/26/2023
Cert. No.: 85429133 / 101907D980

Delivery#: 85429133
BOL#: 75374600
CUST PO#: 4500551768
CUST P/N: 9020020
DLVRY LBS / HEAT: 5127.000 LB
DLVRY PCS / HEAT: 24 EA

Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.16%	Elongation Gage Lgth test 1	8IN	<p>The Following is true of the material represented by this MTR:</p> <p><i>*Material is fully killed and is Hot Rolled Steel</i></p> <p><i>*100% melted, rolled, and manufactured in the USA</i></p> <p><i>*EN10204:2004 3.1 compliant</i></p> <p><i>*Contains no weld repair</i></p> <p><i>*Contains no Mercury contamination</i></p> <p><i>*Manufactured in accordance with the latest version of the plant quality manual</i></p> <p><i>*Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661</i></p> <p><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></p>	
Mn	0.68%	Reduction of Area test 1	48%		
P	0.011%	Yield to tensile ratio test1	0.72		
S	0.034%	Yield Strength test 2	55.5ksi		
Si	0.25%	Tensile Strength test 2	76.6ksi		
Cu	0.37%	Elongation test 2	28%		
Cr	0.18%	Elongation Gage Lgth test 2	8IN		
Ni	0.14%	Reduction of Area test 2	43%		
Mo	0.037%	Yield to tensile ratio test2	0.72		
V	0.033%	C+(Mn/6)	0.28%		
Cb	0.000%				
Sn	0.012%				
Al	0.001%				
B	0.0003%				
Ti	0.001%				
N	0.0150%				
Carbon Eq A529	0.40%				
Yield Strength test 1	55.2ksi				
Tensile Strength test 1	76.6ksi				
Elongation test 1	29%				

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