CMC STEEL ALABAMA
101 S 50TH STREET
BIRMINGHAM AL 35212-3525

CERTIFIED MILL TEST REPORT

For additional copies call
830-372-8771

We hereby certify that the test results presented here are accurate and conform to the reported grade specification

Marcus W. McCluney - CMC Steel AL
Quality Assurance Manager

1SERIES-BPS ®

HEAT NO.:1077703 SECTION: CHANNEL 5"x9.0# 40'0" A36/52950 GRADE: ASTM A36-19/A529-14 Gr50 ROLL DATE: 01/12/2022 MELT DATE: 01/11/2022 Cert. No.: 83771499 / 077703B899	SOLD TO	Delivery#: 83771499 BOL#: 74645285 CUST PO#: 4500525857 CUST P/N: 25590040 DLVRY LBS / HEAT: 10800.000 LB DLVRY PCS / HEAT: 30 EA

Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.14%	Elongation Gage Lgth test 1	8IN		
Mn	0.70%	Yield to tensile ratio test1	0.73		
P	0.014%	Yield Strength test 2	55.6ksi		
S	0.018%	Tensile Strength test 2	74.4ksi		
Si	0.18%	Elongation test 2	22%		
Cu	0.36%	Elongation Gage Lgth test 2	8IN		
Cr	0.16%	Yield to tensile ratio test2	0.75		
Ni	0.16%				
Mo	0.039%				
V	0.004%				
Cb	0.009%				
Sn	0.013%				
B	0.0002%				
Ti	0.001%				
N	0.0106%				
Carbon Eq A6	0.33%				
Carbon Eq A529	0.37%				
Yield Strength test 1	55.7ksi				
Tensile Strength test 1	75.8ksi				
Elongation test 1	23%				

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, 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*

REMARKS : ALSO MEETS ASTM GRADE A36 REV 08, A572-50, A709-36, A709-50, A992, AASHTO GRADE M270-36, M270-50, CSA G40.21-04 GRADE 44W, 50W, ASME SA-36 2008A ADDEND A.