

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

CERTIFIED MILL TEST REPORT
For additional copies call
800-637-3227

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



1 SERIES-BPS®

HEAT NO.: 1085306
SECTION: CHANNEL 4"x5.4# 20'0"
A36/52950
GRADE: ASTM A36-19/A529-14 Gr50
ROLL DATE: 02/28/2023
MELT DATE: 02/22/2023
Cert. No.: 85362230 / 085306B627

Marcus W. McCluney
Marcus W. McCluney - CMC Steel AL
Quality Assurance Manager

Delivery#: 85362230
BOL#: 75268028
CUST PO#: 4500546134
CUST P/N: 25454020
DLVRY LBS / HEAT: 20736.000 LB
DLVRY PCS / HEAT: 192 EA

Longview TX
US 75604-4817
9037591859

MANHATTAN KS
US 66502-6085
7855875182
7855872282

Characteristic Value

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C	0.12%	Elongation Gage Lgth test 1	8IN
Mn	0.63%	Yield to tensile ratio test1	0.76
P	0.009%	Yield Strength test 2	54.1ksi
S	0.027%	Tensile Strength test 2	71.6ksi
Si	0.17%	Elongation test 2	23%
Cu	0.31%	Elongation Gage Lgth test 2	8IN
Cr	0.14%	Yield to tensile ratio test2	0.76
Ni	0.13%		
Mo	0.041%		
V	0.004%		
Cb	0.007%		
Sn	0.010%		
B	0.0001%		
Ti	0.001%		
N	0.0089%		
Carbon Eq A6	0.29%		
Carbon Eq A529	0.32%		
Yield Strength test 1	54.5ksi		
Tensile Strength test 1	71.7ksi		
Elongation test 1	23%		

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

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.