



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

**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

Marcus W. McClabey - CMC Steel AL  
Quality Assurance Manager

HEAT NO.: 1085343 SECTION: CHANNEL 4"x7.25# 40'0" ABSAH36 GRADE: ABS Part 2-2023 Grade AH36 ROLL DATE: 03/02/2023 MELT DATE: 02/23/2023 Cert. No.: 85354654 / 085343B177	S O L D T O	S H I P T O	Delivery#: 85354654 BOL#: 75257011 CUST PO#: PHI-50403 CUST P/N: DLVRY LBS / HEAT: 35090.000 LB DLVRY PCS / HEAT: 121 EA Prod LBS/HEAT: 39150 LB
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Characteristic	Value	Characteristic	Value	Characteristic	Value
C	0.09%	Elongation Gage Lgth test 1	8IN	Surveyor Name	WAYNE HUFTMAN
Mn	1.14%	Yield Strength test 2	63.8ksi	Employee ID	79856
P	0.008%	Tensile Strength test 2	79.3ksi	Workorder No.	5780157
S	0.028%	Elongation test 2	26%	Document Status	Reviewed
Si	0.20%	Elongation Gage Lgth test 2	8IN	<p><b>CHICAGO PORT</b></p> <p>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 plants 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</p>	
Cu	0.25%	Charpy - test 1 sample 1	40FPF		
Cr	0.11%	Charpy - test 1 sample 2	29FPF		
Ni	0.11%	Charpy - test 1 sample 3	33FPF		
Mo	0.037%	Average Charpy test 1	34FPF		
V	0.066%	Charpy Orientation test 1	Longitudinal		
Cb	0.002%	Charpy Sample Size test 1	1/2		
Sn	0.010%	Charpy Test Temp. test 1	32°F		
B	0.0003%				
Ti	0.010%				
N	0.0093%				
Carbon Eq A6	0.35%				
Yield Strength test 1	63.7ksi				
Tensile Strength test 1	77.7ksi				
Elongation test 1	26%				

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE TO THE APPLICABLE SPECIFICATION BY THE HOT ROLLING PROCESS AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF 2023 ABS PART 2 CHAPTER 1 WITH SATISFACTORY RESULTS

EMARKS : ALSO MEETS MILS 22698 REV C AMM 1 AND 2 .NOTICE 2 GR AH36 CL U  
.LSO MEETS A572-50 TYPE 2 AND A709-50 TYPE 2