




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.

*M. W. McKinney*  
Marcus W. McKinney - CMC STEEL AL  
Quality Assurance Manager

HEAT NO.: 1039348	S		S		Delivery#: 81622249
SECTION: ANG 6 X 4x3/8 40"0"	O		H		BOL#: 70581520
ABSAH36	L		I		CUST PO#: KN-615788
GRADE: ABS Part 2-2015 Grade AH36	D		P		CUST P/N:
ROLL DATE: 09/21/2015	T		T		DLVRY LBS / HEAT: 20664.000 LB
MELT DATE: 09/14/2015	O		O		DLVRY PCS / HEAT: 42 EA

Characteristic	Value	Characteristic	Value	Characteristic	Value
G	0.10%	Elongation Gage Lgth test 1	8IN	<b>CH3002253</b>  	
Mn	1.16%	Yield Strength test 2	68.2ksi		
P	0.013%	Tensile Strength test 2	82.9ksi		
S	0.021%	Elongation test 2	25%		
Si	0.21%	Elongation Gage Lgth test 2	8IN		
Cu	0.21%	Charpy - test 1 sample 1	55FPF		
Cr	0.14%	Charpy - test 1 sample 2	65FPF		
Ni	0.10%	Charpy - test 1 sample 3	37FPF		
Mo	0.033%	Average Charpy test 1	52FPF		
V	0.067%	Charpy Orientation test 1	Longitudinal		
Cb	0.000%	Charpy Sample Size test 1	3/4		
Sn	0.009%	Charpy Test Temp. test 1	32°F		
B	0.0003%				
Ti	0.001%				
N	0.0113%				
Carbon Eq AB	0.36%				
Yield Strength test 1	68.5ksi				
Tensile Strength test 1	82.1ksi				
Elongation test 1	25%				

THIS MATERIAL IS FULLY KILLED, 100% MELTED AND MANUFACTURED IN THE USA, WITH NO WELD REPAIR OR MERCURY CONTAMINATION IN THE PROCESS.  
REMARKS :  
MATERIAL ALSO MEETS MIL-S 22698 REV C AMD 1 & 2 AH36 CL-U