



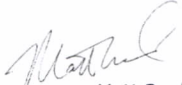
American Metal Group  
 290 Lower Bon Air Road  
 Sylacauga, AL 35150  
 Tel 205.433.6680

# Material Certification

Customer:  
 Ship To:  
 Customer PO No:  
 American Metal Group Order No: **29919**  
 Order Line: **1**  
 Shipped Qty: **4030**  
 American Metal Group Part No: **CDR 1018 .500X240**  
 Customer Part No: **921620**  
 Country of Origin: **USA**  
 Rolled Mill: **Commercial Metals Company**  
 Melted Mill: **Commercial Metals Company**  
 Grade: **1018**  
 Heat: **5019476**  
 Note: **Meets ASTM A108-18 specification**

Material Specification Type	Material Specification	Actual
Chemistry	Carbon	0.18 %
	Manganese	0.8 %
	Phosphorus (max)	0.013 %
	Sulfur (max)	0.020 %
	Silicon	0.18 %
	Copper	0.21 %
	Nickel	0.07 %
	Chromium	0.13 %
	Molybdenum	0.019 %
	Vanadium	0 %
	Columbium	0 %
Aluminum	0 %	

We hereby certify that chemical analysis and/or physical characteristics shown are a true copy of original test reports on file with us from the producing source covering the heat or lot from which this material was taken.

By:   
 Matt Reed  
 Authorized Representative