



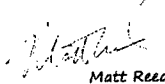
American Metal Group  
 290 Lower Bon Air Road  
 Sylacauga, AL 35150  
 Tel 205.433.6680

# Material Certification

Customer: **Service Steel Warehouse**  
 Ship To: **Houston (ship to)**  
 Customer PO No: **SSW126771**  
 American Metal Group Order No: **30236**  
 Order Line: **4**  
 Shipped Qty: **2069**  
 American Metal Group Part No: **CDR 1018 .500X240**  
 Customer Part No: **CDR 1018 .500X240**  
 Country of Origin: **USA**  
 Rolled Mill: **Commercial Metals Company**  
 Melted Mill: **Commercial Metals Company**  
 Grade: **1018**  
 Heat: **5018818**  
 Note: **Meets ASTM A108-18 specification Tensile: 85.2 ksi Yield: 78.1 ksi Elongation: 19.6% Reduction of Area: 59.1%**

Material Specification Type	Material Specification	Actual
Chemistry	Carbon	0.18 %
	Manganese	0.73 %
	Phosphorus (max)	0.012 %
	Sulfur (max)	0.026 %
	Silicon	0.17 %
	Copper	0.23 %
	Nickel	0.08 %
	Chromium	0.12 %
	Molybdenum	0.02 %
	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