



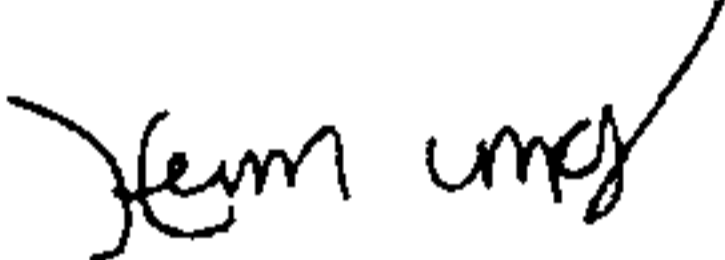
American Metal Group  
 290 Lower Bon Air Road  
 Sylacauga, AL 35150  
 Tel 205.433.6680

## Material Certification

Ship To: **Houston (ship to)**  
 Customer PO No: **SSW133507**  
 American Metal Group Order No: **38148**  
 Order Line: **5**  
 Shipped Qty: **2140**  
 American Metal Group Part No: **CDR 1018 1.625X240**  
 Customer Part No: **CDR 1018 1.625X240**  
 Country of Origin: **USA**  
 Rolled Mill: **Alton Steel, Inc**  
 Melted Mill: **Alton Steel, Inc**  
 Grade: **1018**  
 Heat: **223896 LOT 1.688**  
 Note: **Meets ASTM A108-18 specification**

Material Specification Type	Material Specification	Actual
Chemistry	Carbon	0.17 %
	Manganese	0.71 %
	Phosphorus (max)	0.017 %
	Sulfur (max)	0.026 %
	Silicon	0.24 %
	Copper	0.23 %
	Nickel	0.07 %
	Chromium	0.177 %
	Molybdenum	0.021 %
	Vanadium	0.005 %
	Columbium	0.003 %
	Aluminum	0.002 %

No weld repair performed on the material.  
 No Mercury used in the production of this material.  
 Meets EN10204 3.1

By:   
 Authorized Representative