



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

Material Certification

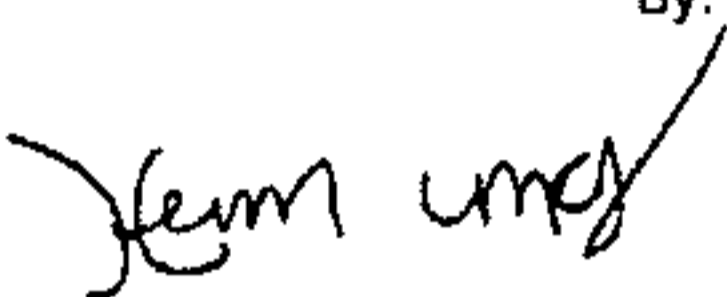
Ship To: Houston (ship to)
 Customer PO No: SSW134202
 American Metal Group Order No: 39205
 Order Line: 11
 Shipped Qty: 3915
 American Metal Group Part No: CDR 1018 3.000X240
 Customer Part No: CDR 1018 3.000X240
 Country of Origin: USA
 Rolled Mill: Alton Steel, Inc
 Melted Mill: Alton Steel, Inc
 Grade: 1018

Heat: 224100 LOT 3.063

Note: Meets ASTM A108-18 specification Tensile: 72.8 ksi, Yield: 66.4 ksi, Elongation: 17.6%, Reduction of Area: 49.4%

Material Specification Type	Material Specification	Actual
Chemistry	Carbon	0.18 %
	Manganese	0.7 %
	Phosphorus (max)	0.011 %
	Sulfur (max)	0.027 %
	Silicon	0.21 %
	Copper	0.17 %
	Nickel	0.07 %
	Chromium	0.101 %
	Molybdenum	0.017 %
	Vanadium	0.006 %
	Columbium	0.003 %
Aluminum	0.007 %	

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

By: 
 Authorized Representative