



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

JOB CERTIFICATION

Job No: 21436

Job Information

Certified Date: 2/19/24

Containers: S330501

Ship To: 8415 Clinton Dr.
Houston, TX 77029

Customer Part No: CDR 1018 2.500X240

Shipped Qty: 4400 lbs

Customer PO No: SSW141689

Line No: 12

Order No: 49306

Note:

Applicable Specifications

Specification	Rev	Specification	Rev	Specification	Rev
ASTM F1554 Gr. 55 - S1	2020				

Test Results

Part No: CDR 1018 2.500X240

Test No: 9260 **Test:** Cold Drawn Physicals - DB

Description	Tensile (ksi)	Yield 0.2% Offset (ksi)	Elongation (%)	ROA (%)	Note
	79.9	72.4	21.5	62.9	HT# 234790

Certified Chemical Analysis

Heat No: 234790 LOT 2.563		Grade: 1018	Supplier: Alton Steel, Inc	Origin: USA	
Carbon	Manganese	Phosphorus (max)	Sulfur (max)	Silicon	Copper
0.170	0.810	0.014	0.021	0.2000	0.21
Nickel	Chromium	Molybdenum	Vanadium	Columbium	Aluminum
0.08	0.1440	0.02000	0.0340	0.0020	0.0030

Notes

No weld repair performed on the material.
 No Mercury used in the production of this material.
 Manufactured in the USA.
 Hardness values may be converted per ASTM E140.
 Furnace Calibration: Optical Pyrometers are calibrated to meet SAE 2750
 Melt Method: Electric Arc Furnace

2/19/24

Beasley, Timothy - Lab Technician

Date

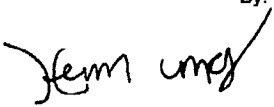
2/20/24, 5:30 PM

[American Metal Group] Plex Online Report Viewer - Sparks, Zac



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: SSW141689 American Metal Group Order No: 49306 Order Line: 12 Shipped Qty: 4400 American Metal Group Part No: CDR 1018 2.500X240 Customer Part No: CDR 1018 2.500X240 Country of Origin: USA Rolled Mill: Alton Steel, Inc Melted Mill: Alton Steel, Inc Grade: 1018 Heat: 234790 LOT 2.563 Note: Meets ASTM A108-18 specification		
Material Specification Type	Material Specification	Actual
Chemistry	Carbon	0.17 %
	Manganese	0.81 %
	Phosphorus (max)	0.014 %
	Sulfur (max)	0.021 %
	Silicon	0.2 %
	Copper	0.21 %
	Nickel	0.08 %
	Chromium	0.144 %
	Molybdenum	0.02 %
	Vanadium	0.034 %
	Columbium	0.002 %
Aluminum	0.003 %	
No weld repair performed on the material. No Mercury used in the production of this material. Meets EN10204 3.1		
By:	 Authorized Representative	

Plex 2/20/24 5:30 PM Page 1