



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:*

***Universal Alloy Corporation***  
***180 Lamar Haley Pkwy, Canton, GA 30114***

*(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:*

**ISO/IEC 17025:2017**

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

***Chemical and Mechanical Testing***  
***(As detailed in the supplement)***

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen  
President

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084

*Initial Accreditation Date:*

April 12, 2022

*Issue Date:*

April 12, 2022

*Expiration Date:*

July 31, 2024

*Accreditation No.:*

116971

*Certificate No.:*

L22-275

*The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: [www.pjilabs.com](http://www.pjilabs.com)*



# Certificate of Accreditation: Supplement

## Universal Alloy Corporation

180 Lamar Haley Pkwy, Canton, GA 30114  
Contact Name: Austin Jones Phone: 770-721-3755

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Mechanical <sup>F</sup>	Aluminum Extrusion	Tensile	ASTM B557/E8 and customer specified methods	0 kN to 200 kN Load, 0 % to 50% Strain
		Hardness	ASTM E18 E8 and customer specified methods	0 HRB to 100 HRB 20 HRC to 70 HRC
		Compression	ASTM E9 E8 and customer specified methods	0 kip to 65kip Load, 0 % to 20% Strain
		Fracture Toughness	ASTM E399/B E8 and customer specified methods 645	0 kN to 250kN Load, 0 in to 2in. Crack Displacement
		Conductivity	ASTM E1004 E8 and customer specified methods	5 % to 70 % IACS
		Bearing	ASTM E238 E8 and customer specified methods	0-30kN Load, 0 % to 20 % Strain
		Fatigue	EN 6072/ASTM E466 E8 and customer specified methods	0 kip to 20 kip Load, 0 hz to 50 hz
		Shear	ASTM B769/B831 E8 and customer specified methods	0 kip to 65kip Load
Chemical <sup>F</sup>		Macro Etch	ASTM E340 E8 and customer specified methods	Visual
		Stress Corrosion Cracking	ASTM G47/G38/G44 E8 and customer specified methods	0 ksi to 60ksi
		Exfoliation Corrosion	ASTM G34 E8 and customer specified methods	Visual

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer<sup>F</sup> would mean that the laboratory performs this testing at its fixed location.