CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Pelican Wire Company Inc.
3650 Shaw Blvd.
Naples, FL 34117

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 13 October 2026

Certificate Number: AC-3138

This laboratory 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 (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Pelican Wire Company Inc.
3650 Shaw Blvd.
Naples, FL 34117
William L. Willett Jr. (239) 597-8555

CALIBRATION

Valid to: **October 13, 2026** Certificate Number: **AC-3138**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
DC Resistance - Measure	(1 to 9) Ω (10 to 90) Ω (100 to 900) Ω (1 to 9) kΩ (10 to 100) kΩ	0.018 Ω 0.29 Ω 2.5 Ω 25 Ω 0.27 kΩ	Keysight 34420A Multimeter

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Thermocouples	(93 to 148) °C Type E Type J Type K Type N Type T	 0.32 °C 0.36 °C 0.44 °C 0.37 °C 0.32 °C	Comparison to Fluke 5624 PRT (System 1)
Thermocouples	(149 to 426) °C Type E Type J Type K Type N Type T (426 to 649) °C Type E Type J Type K Type N	 0.44 °C 0.47 °C 0.53 °C 0.48 °C 0.44 °C 0.59 °C 0.61 °C 0.66 °C 0.62 °C	Comparison to Fluke 5624 PRT (System 1)

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Thermocouples	(538 to 1 200) °C		Comparison to Fluke 5650 Type S Thermocouple Standard (System 1 HT)
	Type E	0.78 °C	
	Type J	0.79 °C	
	Type K	0.83 °C	
	Type N	0.8 °C	
Thermocouples	(93 to 148) °C		Comparison to Fluke 5650 Type S Thermocouple Standard (System 2)
	Type E	0.4 °C	
	Type J	0.44 °C	
	Type K	0.51 °C	
	Type N	0.44 °C	
	Type T	0.4 °C	
	(149 to 426) °C		
	Type E	0.5 °C	
	Type J	0.53 °C	
	Type K	0.59 °C	
	Type N	0.54 °C	
	Type T	0.5 °C	
	(426 to 649) °C		
	Type E	0.64 °C	
	Type J	0.66 °C	
	Type K	0.71 °C	
	Type N	0.66 °C	
Thermocouples	(-40 to 93) °C		Comparison to Fluke 5628 PRT (System 3)
	Type E	0.27 °C	
	Type J	0.31 °C	
	Type K	0.4 °C	
	Type N	0.32 °C	
	Type T	0.27 °C	

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 (k=2), corresponding to a confidence level of approximately 95%.

Notes:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-3138.

Jason Stine, Vice President