CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Pikes Peak Test Labs, Inc.
4750 Edison Avenue
Colorado Springs, CO 80915

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: 17 November 2027

Certificate Number: AC-3259

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

Pikes Peak Test Labs, Inc

4750 Edison Avenue
Colorado Springs, CO 80915

Shadoe Riddle 719-596-0802
shadoer@pptli.com

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **17 November 2025**

Certificate Number: **AC-3259** Certificate Expiry Date: **17 November 2027**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Digital Multimeters DC Voltage	500 mV to 1 000 V	1.8 V	Comparison to Multifunction Calibrator
Digital Multimeter AC Voltage	500 mV to 1 000 V (45 to 1 000) Hz	11 V	Comparison to Multifunction Calibrator
Digital Multimeter DC Current	500 µA to 10.0 A	0.29 A	Comparison to Multifunction Calibrator
Digital Multimeter AC Current	500 µA to 10.0 A (45 to 1 000) Hz	0.6 A	Comparison to Multifunction Calibrator
Digital Multimeter Resistance	500 Ω to 30.0 MΩ	350 kΩ	Comparison to Multifunction Calibrator
Digital Multimeter Capacitance	1.1 nF to 50 mF 50 Hz to 1 kHz	5.924 µF	Comparison to Multifunction Calibrator

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Calipers	(1 to 12) in	58 µin	Comparison to Gauge Blocks

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Micrometers	(0 to 1) in	0.001 7 in	Comparison to Gauge Blocks

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Torque Wrenches	(0 to 0.83) lbf·ft (0 to 4.17) lbf·ft (0 to 33.33) lbf·ft (0 to 83.33) lbf·ft (0 to 250) lbf·ft (0 to 600) lbf·ft	0.012 lbf·ft 0.24 lbf·ft 1.7 lbf·ft 4.2 lbf·ft 12 lbf·ft 29 lbf·ft	Comparison to Torque Analyzer
Pressure Gauge	(-15 to 0) psi (0 to 30) psi (0 to 500) psi (0 to 1 000) psi (0 to 5 000) psi	0.8 psi 0.09 psi 2.9 psi 5.8 psi 29 psi	Comparison to Pressure Calibrator

Time and Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Digital Multimeter Frequency	500 Hz to 999.99 kHz	0.04 kHz	Comparison to Multifunction Calibrator

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. On-site calibration service is available for all parameters, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.

Jason Stine, Vice President

1899 L Street NW, Suite 1100-A, Washington, DC 20036
414-501-5494
www.anab.org