



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Newco, Inc.

121 Aberdeen Drive, Florence, SC 29501

(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):

Electrical, Time & Frequency, Mechanical, and Optical Calibration
(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

Initial Accreditation Date:

July 26, 2017

Issue Date:

August 05, 2021

Expiration Date:

October 31, 2023

Accreditation No.:

95817

Certificate No.:

L21-506

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

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



Certificate of Accreditation: Supplement

Newco, Inc.

121 Aberdeen Drive, Florence, SC 29501
 Contact Name: Miall Cedilote Phone: 843-669-2988

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

Electrical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Magnetic Particle Testing Bench ^{FO}	50 A to 199 A	4.7% of reading	ASTM E1444 621318 Shunt Kit CP206
	200 A to 399 A	2 % of reading	
	400 A to 699 A	1.5% of reading	
	700 A to 999 A	0.7% of reading	
	1000 A to 10 000 A	0.4% of reading	

Time & Frequency

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Shot Time ^{FO}	0.001 sec to 9.999 sec	1.1 msec	ASTM E1444 SD-201 Shot Timer CP206

Mechanical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Pressure Gages ^{FO}	0.1 psig to 300 psig	0.12 psig	ASTM E1417 DPG-107 CP218
Pressure Gages ^f	0.1 psig to 10 000 psig	0.061% of reading	ASTM E1417 Fluke 2700G CP218
GM Tube Survey Meters ^F	0.02 mRem/hr to 2 000 mRem/hr	5.8% of reading	¹³⁷ Cs Isotope CP201
Ionization Chamber Survey Meters ^F	0.02 mRem/hr to 2 000 mRem/hr	5.6% of reading	
Rate Alarms ^F	450 mRem/hr to 530 mRem/hr	5.8% of reading	¹³⁷ Cs Isotope CP203
Quartz type and Electronic Dosimeters ^F	Up to 2 000 mRem	1.4% of reading	¹³⁷ Cs Isotope, Timer CP202, CP203
Analog Gauss Meter ^F	-20 to 20 Gauss	0.8 G	Digital Gauss Meter CP209
Digital Gauss Meter ^F	-200 to 200 Gauss	4.2% of reading	Digital Gauss Meter CP210



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

Optical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
White Light Meter-Illuminance ^F	0.5 fc to 500 fc	1.2% reading	ASTM E1444/E1417 RS-7 Light Source CP204
White Light Meter-Luminance ^F	100 fL to 10 000 fL	1.4% of reading	
UV Meter- Irradiance ^F	100 μ W/cm ² to 8 000 μ W/cm ²	1.2% of reading	ASTM E1444/E1417 S470 UVA Meter CP205

Thermodynamic

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Temperature Probe ^{F0}	-10 to 250 °F	0.11 °F	Fluke 9103 CP214

Dimensional

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Calipers inner and outer diameter ^{F0}	1 to 12"	0.000 46 in	Fowler Caliper Checker 0-12" CP216
Micrometers ^{F0}	0.1 to 1 inch	0.000 065 in	Mitutoyo Micrometer CP216

1. The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically expressed at a confidence level of 95 % using a coverage factor k (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the CMC for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.
2. The laboratory's range of calibration capability for all disciplines for which they are accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.
3. The presence of a superscript F means that the laboratory performs calibration of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this calibration at its fixed location.



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

4. The presence of a superscript FO means that the laboratory performs calibration of the indicated parameter both at its fixed location and onsite at customer locations. Example: Outside Micrometer^{FO} would mean that the laboratory performs this calibration at its fixed location and onsite at customer locations.
5. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratories fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratories fixed location.

