



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

SmartScan Technologies - a Division of CimTechniques, Inc.
2201 Boundary St., Suite 115, Beaufort, SC 29902

(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, Mechanical & Thermodynamic 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

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

Initial Accreditation Date:

August 03, 2019

Issue Date:

April 12, 2024

Expiration Date:

April 12, 2026

Accreditation No.:

96561

Certificate No.:

L24-278

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

SmartScan Technologies - a Division of CimTechniques, Inc.

2201 Boundary St., Suite 115, Beaufort, SC 29902
Contact Name: Mr. Axel Breidenbruch Phone: 1-843-521-9897

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

Electrical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION OR MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED
Equipment to Output DC Current ^F	4 mA to 20 mA	0.003 9 mA	Fluke 715	PRT-225
Equipment to Output DC Resistance ^F	100 Ω	0.035 Ω	HP 34401A	CP-018
	1 000 Ω	0.056 Ω		

Mechanical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION OR MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED
Pressure Sensors in H ₂ O ^F	0.05 in H ₂ O to 0.5 in H ₂ O	0.003 2 in H ₂ O	Serta Pressure Transducer	CP-015
	0.001 in H ₂ O to 1.0 in H ₂ O	0.006 1 in H ₂ O	Mark III 475-000-FM	CP-023
	0.025 in H ₂ O to 2.5 in H ₂ O	0.008 7 in H ₂ O	Setra Pressure Transducer	CP-015
	0.001 in H ₂ O to 4.0 in H ₂ O	0.015 in H ₂ O	Mark III 475-00-FM	CP-023

Thermodynamic

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION OR MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED
SmartScan Temp/Humidity Sensors ^F	10 % RH to 80 % RH	1.1 % RH	Vasaila HMP76 Temperature/Humidity Indicator	CP-003, CP-010, CP-014, CP-020, CP-022
	80 % RH to 95 % RH	1.5 % RH		
Relative Humidity ^F	10 % RH to 95 % RH	1.3 % RH		
SmartScan Temperature Sensors ^F	-70 °C to 180 °C	0.14 °C	RTD Thermometer	CP-001, CP-017, CP-018



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

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 laboratories 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.

