PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Leading Edge Controls, Inc. DBA Furness Controls

2020 Younts Road, Indian Trail, NC 28079

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Electrical and Mechanical Calibration

(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
March 01, 2005	June 10, 2025	June 30, 2027

DRAFT

Accreditation No.:	*Certificate No.:*
59320	L25-444

Tracy Szerszen
President

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.pjlabs.com

Certificate of Accreditation: Supplement

Leading Edge Controls, Inc. DBA Furness Controls

2020 Younts Road, Indian Trail, NC 28079
Contact Name: Dennis Teel Phone: 704-882-3311

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	LOCATION OF ACTIVITY
Mechanical	Low Pressure Instruments	0.01 Pa to 20 kPa	0.01 % of reading	FRS4 Primary Standard	LCI-FRS4	F
Mechanical	Low Pressure Instruments	4.015×10^{-5} in H_2O to 80.293 in H_2O	0.01 % of reading	FRS4 Primary Standard	LCI-FRS4	F
Mechanical	High Pressure Instruments	0.138 Bar to 41.369 Bar	0.01 % of reading	SI Deadweight Tester	LCI-SI6000	F
Mechanical	High Pressure Instruments	2 psi to 600 psi	0.01 % of reading	SI Deadweight Tester	LCI-SI6000	F
Mechanical	Air Flowmeters (@ 0 psi to 30 psi)	1 cc/hr to 200 L/min	0.53 % of reading	Micromanometer and Lamilar Flow Element	LCI-Flow Bench	F
Electrical	Equipment to Output DC Current	2 mA to 20 mA	0.05 % of reading + 1 µA	Agilent 34401A	LCI-FRS4	F
Electrical	Equipment to Output DC Voltage	2 V to 20 V	0.004 5 % of reading + 120 µV	Agilent 34401A	LCI-FRS4	F

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. Location of activity:

Location Code	Location
F	Conformity assessment activity is performed at the CABs fixed facility

4. 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.