PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Scale South

313 Commerce Drive, PO, Box 211480, Martinez, GA 30907
218 Bourne Boulevard Suite G, Savannah, GA 31408
120-A Pidgeon Bay Rd, Summerville, SC 29483

(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):

Calibration of Weighing Devices
(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:	*Issue Date:*	*Expiration Date:*
July 15, 2003	June 15, 2023	July 31, 2025

Accreditation No.:	*Certificate No.:*
59247	L23-465

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

Scale South

313 Commerce Drive PO, Box 211480, Martinez, GA 30907
218 Bourne Boulevard Suite G, Savannah, GA 31408
120-A Pidgeon Bay Rd Summerville, SC 29483
Contact: Scott McKillip Phone: 706-855-1111

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

Mass, Force, and Weighing Devices

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Class 1 Balances/Scales [FO]	1 mg to 100 g	0.000 2 g	Class 1 Weights ASTM E-898
	101 g to 300 g	0.001 2 g	
	301 g to 1 000 g	0.002 4 g	
	1 001 g to 2 000 g	0.005 8 g	
Class III Balances/Scales [FO]	0.05 g to 100 g	0.012 g	Class F Weights purchased by the laboratory prior to 2020 or ASTM Class 5 Weights NIST Handbook 44 NIST Handbook 105-1
	101 g to 200 g	0.023 g	
	201 g to 1 000 g	0.12 g	
	1 001 g to 2 000 g	0.23 g	
	2 001 g to 5 kg	0.000 61 kg	
	5.1 kg to 10 kg	0.001 2 kg	
	10.1 kg to 50 kg	0.005 9 kg	
	50.1 kg to 100 kg	0.012 kg	
	101 kg to 1 000 kg	0.12 kg	
	1 001 kg to 5 000 kg	0.58 kg	
	5 001 kg to 10 000 kg	1.2 kg	
Class III Balances/Scales [FO]	0.1 lb to 1 lb	0.000 2 lb	
	1.1 lb to 5 lb	0.000 6 lb	
	5.1 lb to 50 lb	0.005 9 lb	
	50.1 lb to 500 lb	0.058 lb	
	501 lb to 2 500 lb	0.29 lb	
	2 501 lb to 5 000 lb	0.58 lb	
	5 001 lb to 10 000 lb	1.2 lb	
	10 001 lb to 20 000 lb	2.3 lb	
	20 001 lb to 60 000 lb	7 lb	
	60 001 lb to 100 000 lb	12 lb	
	100 001 lb to 350 000 lb	41 lb	
Class 3L Scales [FO]	40 lb to 60 000 lb	7 lb	
	60 001 lb to 200 000 lb	23 lb	
	200 001 lb to 400 000 lb	46 lb	

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

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 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.

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.

5. The term Wt represents weight in pounds or grams (including SI multiple and submultiple units) appropriate to the uncertainty statement.