



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Keystone Scale, Inc.

1847 Liberty Drive, Williamsport, PA 17701-1128

(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 Industrial Scales (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:

August 28, 2003

Issue Date:

March 07, 2024

Expiration Date:

June 30, 2026

Accreditation No.:

59126

Certificate No.:

L24-184

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

Keystone Scale, Inc.

1847 Liberty Drive, Williamsport, PA 17701-1128
 Contact Name: Mr. Mike Dailey Phone: 570-494-0357

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

Mass, Force and Weighing Devices

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
Class 1 Scales as defined in NIST Handbook 44 ^{FO} Top Loader Balances ^{FO}	1 g to 320 g (Resolution = 0.000 1 g)	$(2.00 \times 10^{-4} + 2.62 \times 10^{-6} \text{ Wt}) \text{ g}$	Class 1 Weights	NIST Handbook 44
	1 g to 1 100 g (Resolution = 0.001 g)	$(1.20 \times 10^{-3} + 2.02 \times 10^{-6} \text{ Wt}) \text{ g}$		
Top Loader Balances ^{FO}	1 g to 6 100 g (Resolution = 0.01 g)	$(1.15 \times 10^{-2} + 1.15 \times 10^{-4} \text{ Wt}) \text{ g}$	Class F Weights	NIST Handbook 44
	1 g to 30 000 g (Resolution = 0.1 g)	$(1.15 \times 10^{-1} + 1.12 \times 10^{-4} \text{ Wt}) \text{ g}$		
	10 g to 60 000 g (Resolution = 1 g)	$(1.538 + 9.78 \times 10^{-5} \text{ Wt}) \text{ g}$		
Bench Scales ^{FO}	1 lb to 30 lb (Resolution = 0.005 lb)	$(5.80 \times 10^{-3} + 3.16 \times 10^{-5} \text{ Wt}) \text{ lb}$		
	1 lb to 60 lb (Resolution = 0.01 lb)	$(1.16 \times 10^{-2} + 3.34 \times 10^{-5} \text{ Wt}) \text{ lb}$		
	1 lb to 100 lb (Resolution = 0.02 lb)	$(2.31 \times 10^{-2} + 2.83 \times 10^{-5} \text{ Wt}) \text{ lb}$		
	5 lb to 200 lb (Resolution = 0.05 lb)	$(5.77 \times 10^{-2} + 2.34 \times 10^{-5} \text{ Wt}) \text{ lb}$		
	25 lb to 500 lb (Resolution = 0.1 lb)	$(1.15 \times 10^{-1} + 2.94 \times 10^{-5} \text{ Wt}) \text{ lb}$		
	10 kg to 225 kg (Resolution = 0.05 kg)	$(5.75 \times 10^{-2} + 2.59 \times 10^{-5} \text{ Wt}) \text{ kg}$		
Floor Scales ^{FO} Lift Truck Scales ^O Tank / Hopper Scales ^O	50 lb to 1 000 lb (Resolution = 0.2 lb)	$(2.30 \times 10^{-1} + 2.82 \times 10^{-5} \text{ Wt}) \text{ lb}$		
	20 kg to 500 kg (Resolution = 0.1 kg)	$(1.15 \times 10^{-1} + 2.83 \times 10^{-5} \text{ Wt}) \text{ kg}$		
	50 lb to 2 000 lb (Resolution = 0.5 lb)	$(5.76 \times 10^{-1} + 2.24 \times 10^{-5} \text{ Wt}) \text{ lb}$		
	20 kg to 1 000 kg (Resolution = 0.2 kg)	$(2.30 \times 10^{-1} + 2.78 \times 10^{-5} \text{ Wt}) \text{ kg}$		
	50 lb to 5 000 lb (Resolution = 1 lb)	$(1.153 \text{ 4} + 2.83 \times 10^{-5} \text{ wt}) \text{ lb}$		
	20 kg to 2 500 kg (Resolution = 0.5 kg)	$(5.77 \times 10^{-1} + 2.75 \times 10^{-5} \text{ Wt}) \text{ kg}$		
	50 lb to 10 000 lb (Resolution = 2 lb)	$(2.308 \text{ 1} + 2.70 \times 10^{-5} \text{ Wt}) \text{ lb}$		
	20 kg to 5 000 kg (Resolution = 1 kg)	$(1.154 \text{ 2} + 2.74 \times 10^{-5} \text{ Wt}) \text{ kg}$		
	50 lb to 40 000 lb (Resolution = 5 lb)	$(5.771 \text{ 6} + 4.00 \times 10^{-5} \text{ Wt}) \text{ lb}$		
	20 kg to 18 000 kg (Resolution = 2 kg)	$(2.308 \text{ 6} + 4.44 \times 10^{-5} \text{ Wt}) \text{ kg}$		



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Floor Scales ^{FO} Lift Truck Scales ^O Tank / Hopper Scales ^O	50 lb to 70 000 lb (Resolution = 10 lb)	(11.545 7 + 2.69 x 10 ⁻⁵ Wt) lb	Class F Weights	NIST Handbook 44
	20 kg to 31 000 kg (Resolution = 5 kg)	(5.772 9 + 3.29 x 10 ⁻⁵ Wt) kg		
	500 lb to 200 000 lb (Resolution = 20 lb)	(23.070 5 + 4.73 x 10 ⁻⁵ Wt) lb		
	225 kg to 90 000 kg (Resolution = 10 kg)	(11.537 1 + 4.44 x 10 ⁻⁵ Wt) kg		
	500 lb to 250 000 lb (Resolution = 50 lb)	(57.721 7 + 2.69 x 10 ⁻⁵ Wt) lb		
	225 kg to 113 000 kg (Resolution = 20 kg)	(23.087 2 + 3.04 x 10 ⁻⁵ Wt) kg		
Vehicle Scales ^O	1 000 lb to 70 000 lb (Resolution = 10 lb)	(11.511 2 + 3.64 x 10 ⁻⁵ Wt) lb		
	450 kg to 31 000 kg (Resolution = 5 kg)	(5.758 8 + 3.34 x 10 ⁻⁵ Wt) kg		
	5 000 lb to 200 000 lb (Resolution = 20 lb)	(22.859 7 + 4.84 x 10 ⁻⁵ Wt) lb		
	2 200 kg to 90 000 kg (Resolution = 10 kg)	(11.45 + 4.54 x 10 ⁻⁵ Wt) kg		

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.



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

4. The presence of a superscript O means that the laboratory performs calibration of the indicated parameter 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.
6. The term (Wt) represents weight in pounds (lb) or grams (g) (including SI multiple and sub multiple units) appropriate to the uncertainty statement.

