



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Schuler Scientific Testing and Calibration Laboratory

2860 So. Vallejo St., Unit A & B, Englewood, CO 80110

*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:

Mass, Force and Weighing Device 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:

Tracy Szerszen
President

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

Initial Accreditation Date:

February 23, 2019

Issue Date:

March 28, 2025

Expiration Date:

July 31, 2027

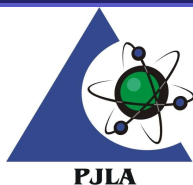
Accreditation No.:

102586

Certificate No.:

L25-251

*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.pjllabs.com*



Certificate of Accreditation: Supplement

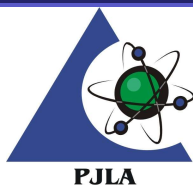
Schuler Scientific Testing and Calibration Laboratory

2860 So. Vallejo St., Unit A & B, Englewood, CO 80110

Contact Name: Lynsey Capra Phone: 1-800-539-1886

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 (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	LOCATION OF ACTIVITY
Mass, Force and Weighing Device	Micro-Balances and Ultra-Micro-Balances	Up to 50 g	$(1 \times 10^{-4} + 6.2 \times 10^{-7} \text{Wt})$ g	Class E1 weights 1 mg to 50 g	PW01	FO
Mass, Force and Weighing Device	Semi-Micro Balances	Up to 120 g	$(1 \times 10^{-4} + 6.32 \times 10^{-7} \text{Wt})$ g	Class E1 weights 1 mg to 120 g	PW01	FO
Mass, Force and Weighing Device	Analytical Balances	Up to 500 g	$(2 \times 10^{-3} + 1.63 \times 10^{-6} \text{Wt})$ g	Class E2 weights 1 mg to 500 g	PW01	FO
Mass, Force and Weighing Device	Top Loading Laboratory Balances	Up to 30 kg	$(1.2 \times 10^{-3} + 5.74 \times 10^{-6} \text{Wt})$ g	Class F1 weights 1 mg to 10 kg Class F1 weight 20 kg	PW01	FO
Mass, Force and Weighing Device	Top Loading Industrial Scales	Up to 30 kg	$(0.116 + 1 \times 10^{-10} \text{Wt})$ g	Class F1 weights 1 mg to 10 kg Class F1 weights 20kg	PW01	FO
Mass, Force and Weighing Device	Industrial scales	Up to 60 kg	$(0.116 + 1.67 \times 10^{-5} \text{Wt})$ g	Class F2 weights 10 kg, 20 kg, 50 kg	PW01	FO
Mass, Force and Weighing Device	E2 Weights	10 g	0.02 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	E2 Weights	20 g	0.02 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	E2 Weights	50 g	0.03 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	E2 Weights	100 g	0.05 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	E2 Weights	200 g	0.1 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	E2 Weights	500 g	0.25 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	E2 Weights	1 kg	0.5 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	10 g	0.06 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	20 g	0.08 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F



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Mass, Force and Weighing Device	F1 Weights	50 g	0.1 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	100 g	0.16 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	200 g	0.33 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	500 g	0.8 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	1 kg	1.6 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	10 g	0.2 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	20 g	0.2 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	50 g	0.3 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	100 g	0.5 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	200 g	1 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	500 g	2.5 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	1 kg	5 mg	UMA 1000 Class E1 weights 10 g to 1 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	1 kg	1.6 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2k g to 20 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	2 kg	3.3 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F



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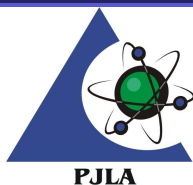
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Mass, Force and Weighing Device	F1 Weights	5 kg	8 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	10 kg	17 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	F1 Weights	20 kg	35 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	1 kg	5 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	2 kg	10 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	5 kg	25 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	10 kg	50 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	F2 Weights	20 kg	100 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	M1 Weights	1 kg	17 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	M1 Weights	2 kg	34 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F



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Mass, Force and Weighing Device	M1 Weights	5 kg	83 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	M1 Weights	10 kg	160 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	M1 Weights	20 kg	350 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	M2 Weights	1 kg	50 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	M2 Weights	2 kg	100 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	M2 Weights	5 kg	250 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	M2 Weights	10 kg	350 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F
Mass, Force and Weighing Device	M2 Weights	20 kg	500 mg	APP 30.4Y.KO Class E1 weight 1 kg Class E2 weights 2 kg to 20 kg	PW03	F



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

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
O	Conformity assessment activity is performed onsite at the CABs customer location
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.