CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Precision Scale & Controls, Inc.
3501 Grace Avenue
St. Louis, MO 63116

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 10 May 2027

Certificate Number: L1150-1

This laboratory 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 (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Precision Scale & Controls, Inc.

3501 Grace Avenue
St. Louis, MO 63116

Gail Manche 314-773-5449

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **10 May 2025**

Certificate Number: **L1150-1** Certificate Expiry Date: **10 May 2027**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Analytical/Precision Balances[1]			NIST Class 0 Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.000 1 mg Resolution)	(0 to 3) g	0.76 mg	
(0.000 5 mg Resolution)	(0 to 3) g	0.76 mg	
(0.001 mg Resolution)	(0 to 3) g	0.90 mg	
(0.001 mg Resolution)	(0 to 22) g	0.000 12 g	
(0.002 mg Resolution)	(0 to 22) g	0.000 12 g	
(0.000 01 g Resolution)	(0 to 81) g	0.000 093 g	
Class I Scales/Class II Scales[1]			NIST Class I Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.000 1 g Resolution)	(0 to 320) g	0.000 71 g	
(0.000 5 g Resolution)	(0 to 410) g	0.000 94 g	
(0.001 g Resolution)	(0 to 610) g	0.001 9 g	
(0.002 g Resolution)	(0 to 610) g	0.0026 g	
(0.005 g Resolution)	(0 to 610) g	0.006 7 g	
(0.01 g Resolution)	(0 to 6 000) g	0.02 g	
(0.02 g Resolution)	(0 to 6 000) g	0.03 g	
(0.05 g Resolution)	(0 to 6 000) g	0.061 g	

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Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Class I Scales/Class II Scales[1]			NIST Class I Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.1 g Resolution)	(0 to 32) kg	0.13 g	
(0.2 g Resolution)	(0 to 10) kg	0.23 g	
(0.5 g Resolution)	(0 to 32) kg	0.51 g	
(1 g Resolution)	(0 to 50) kg	1.0 g	
(2 g Resolution)	(0 to 50) kg	7.5 g	
Class III Scales [1,2]			NIST Class F Weights and NIST Handbook 44 utilized for the calibration of the Weighing System NIST
(0.1 g Resolution)	(0 to 150) kg	7.6 g	
(0.2 g Resolution)	(0 to 50) kg	4.4 g	
(0.5 g Resolution)	(0 to 50) kg	4.4 g	
(1 g Resolution)	(0 to 150) kg	7.7 g	
(2 g Resolution)	(0 to 200) kg	7.9 g	
(5 g Resolution)	(0 to 250) kg	11 g	
(0.01 kg Resolution)	(0 to 500) kg	0.017 kg	
(0.02 kg Resolution)	(0 to 1 000) kg	0.029 kg	
(0.05 kg Resolution)	(0 to 2 500) kg	0.061 kg	
(0.1 kg Resolution)	(0 to 2 500) kg	0.12 kg	
(0.2 kg Resolution)	(0 to 2 500) kg	0.24 kg	
(0.5 kg Resolution)	(0 to 5 000) kg	0.58 kg	
(1 kg Resolution)	(0 to 15 000) kg	1.2 kg	
(2 kg Resolution)	(0 to 30 000) kg	2.4 kg	
(5 kg Resolution)	(0 to 50 000) kg	5.8 kg	
(0.000 05 lb Resolution)	(0 to 1) lb	0.000 2 lb	
(0.0001 lb Resolution)	(0 to 1) lb	0.000 22 lb	
Class III Scales [1,2]			Class F Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.000 2 lb Resolution)	(0 to 2) lb	0.000 33 lb	
(0.000 5 lb Resolution)	(0 to 40) lb	0.002 6 lb	
(0.001 lb Resolution)	(0 to 70) lb	0.006 5 lb	

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Mass and Mass Related

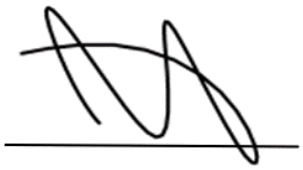
Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Class III Scales [1,2] (cont'd)			Class F Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.002 lb Resolution)	(0 to 200) lb	0.013 lb	
(0.005 lb Resolution)	(0 to 120) lb	0.012 lb	
(0.01 lb Resolution)	(0 to 100) lb	0.014 lb	
(0.01 lb Resolution)	(0 to 7 000) lb	0.072 lb	
(0.02 lb Resolution)	(0 to 500) lb	0.034 lb	
(0.05 lb Resolution)	(0 to 500) lb	0.054 lb	
(0.1 lb Resolution)	(0 to 2 500) lb	0.14 lb	
(0.2 lb Resolution)	(0 to 2 000) lb	0.21 lb	
(0.2 lb Resolution)	(0 to 5 000) lb	0.24 lb	
(0.5 lb Resolution)	(0 to 10 000) lb	0.58 lb	
(1 lb Resolution)	(0 to 10 000) lb	1.2 lb	
(2 lb Resolution)	(0 to 20 000) lb	2.4 lb	
(5 lb Resolution)	(0 to 20 000) lb	6.5 lb	
Class IIIL Scales[1]			Class F Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(1 lb Resolution)	(0 to 50 000) lb	1.3 lb	
(5 lb Resolution)	(0 to 50 000) lb	5.8 lb	
(10 lb Resolution)	(0 to 100 000) lb	12 lb	
(20 lb Resolution)	(0 to 160 000) lb	26 lb	
Class IIIL Vehicle Scales[1]			Class F Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(10 lb Resolution)	(0 to 30 000) lb	11 lb	
(10 lb Resolution)	(0 to 100 000) lb	12 lb	
Class IIIL Vehicle Scales[1]			Class F Weights and NIST Handbook 44 utilized for the calibration of the Weighing System
(20 lb Resolution)	(0 to 100 000) lb	24 lb	
(20 lb Resolution)	(0 to 200 000) lb	24 lb	
(50 lb Resolution)	(0 to 500 000) lb	58 lb	

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Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 (k=2), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. Industrial Scales include bench/counting, floor, tank and hopper, grain, etc.



Jason Stine, Vice President

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