CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Advanced Scale, Inc.
13 Delta Drive, Unit 6
Londonderry, NH 03053

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.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 26 April 2023
Certificate Number: AC-2147

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

Advanced Scale, Inc.
13 Delta Drive, Unit 6
Londonderry, NH 03053
603-626-0242
Chuck Lemire

CALIBRATION

Valid to: **April 26, 2023** Certificate Number: **AC-2147**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Lab Balances [1]	(0 to 100) g (100 to 500) g (500 to 1 000) g (1 000 to 6 000) g (6 to 32) kg	0.31 mg 1.8 mg 6.5 mg 19 mg 310 mg	NIST Handbook 44 ASTM Class 1 Weights and ASTM Class 4 Weights
Bench Scales [1]	(0 to 100) lb (100 to 250) lb (250 to 500) lb (500 to 1 000) lb	0.017 lb 0.038 lb 0.083 lb 0.17 lb	NIST Handbook 44 Class F Weights ASTM Class 5 and ASTM Class 6 Weights
Floor Scales [1]	(0 to 5 000) lb (0 to 10 000) lb	0.65 lb 1.3 lb	NIST Handbook 44 Class F Weights
Truck Scales [1]	Up to 120 000 lb	24 lb	NIST Handbook 44 Class F Weights Weight Cart

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. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2147.

R. Douglas Leonard Jr., VP, PILR SBU