# SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

## Automated Scale Corporation

202 West Fay Avenue
Addison, IL 60101
Jack Hausherr
800-498-6650

## CALIBRATION

Valid to: **March 12, 2025** Certificate Number: **L1053-1**

**Mass and Mass Related**

| Parameter/Equipment | Range | Expanded Uncertainty of Measurement (+/-) | Reference Standard, Method, and/or Equipment |
|---|---|---|---|
| Weighing Systems<br>Analytical Balance [1]<br>(0.001 g Resolution) | (0 to 380) g | 2 mg | ASTM E617 Class 0 Weights and NIST Handbook 44 or Process Control Procedure utilized for the calibration of the Weighing System |
| Laboratory Balance [1]<br>(0.01 g Resolution) | (0 to 4 800) g | 0.019 g | ASTM E617 Class 1 Weights and NIST Handbook 44 or Process Control Procedure utilized for the calibration of the Weighing System |
| Bench Scale [1]<br>(0.1 g Resolution) | (0 to 2 000) g | 0.19 g | ASTM E617 Class 3 and Class 4 Test Weights and NIST Handbook 44 or Process Control Procedure utilized for the calibration of the Weighing System |
| Counting Scale [1]<br>(0.1 lb Resolution) | (0 to 100) lb | 0.19 lb | NIST Class F Weights and NIST Handbook 44 or Process Control Procedure utilized for the calibration of the Weighing System |
| Floor Scale [1]<br>(1 lb Resolution) | (0 to 5 000) lb | 1.99 lb | NIST Class F Weights and NIST Handbook 44 or Process Control Procedure utilized for the calibration of the Weighing System |

**Mass and Mass Related**

| Parameter/Equipment | Range | Expanded Uncertainty of Measurement (+/-) | Reference Standard, Method, and/or Equipment |
|---|---|---|---|
| Tank and Hopper Scale [1] (10 lb Resolution) | (0 to 100 000) lb | 25.8 lb | NIST Class F Weights and NIST Handbook 44 or Process Control Procedure utilized for the calibration of the Weighing System |
| Vehicle Scale [1] (20 lb Resolution) | (0 to 200 000) lb | 83 lb | |

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. L1053-1.