

# 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 Analytical Balance <sup>1</sup> (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 <sup>1</sup> (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 <sup>1</sup> (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 <sup>1</sup> (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 <sup>1</sup> (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

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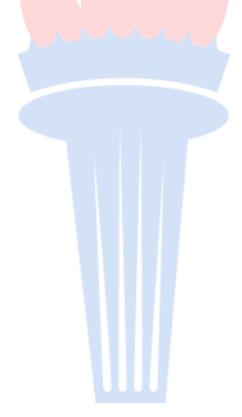
### **Mass and Mass Related**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Tank and Hopper Scale <sup>1</sup> (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 <sup>1</sup> (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.



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