



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GREAT LAKES SCALE COMPANY  
35380 Union Lake Road  
Harrison Township, MI 48045  
Jessica Rottmann Phone: 586 776 0517

CALIBRATION

Valid To: June 30, 2025

Certificate Number: 2581.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1,4</sup>:

I. Mechanical

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Scales & Balances <sup>3</sup> , Class III	Up to 5 lb Up to 10 lb Up to 20 lb Up to 50 lb Up to 100 lb Up to 200 lb Up to 500 lb Up to 1000 lb Up to 2000 lb Up to 5000 lb Up to 10 000 lb Up to 20 000 lb	0.000 92 lb 0.0018 lb 0.0036 lb 0.01 lb 0.019 lb 0.028 lb 0.13 lb 0.22 lb 0.29 lb 0.91 lb 1.8 lb 3.5 lb	Class F weights
Scales & Balances <sup>3</sup> , Class IIIL	Up to 50 000 lb Up to 100 000 lb Up to 200 000 lb Up to 400 000 lb	8.7 lb 17 lb 42 lb 110 lb	Class F weights

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Scales & Balances <sup>3</sup> , Class III	Up to 100 g (100 to 500) g (500 to 1000) g (1000 to 2000) g (2000 to 5000) g (5000 to 10 000) g (10 000 to 15 000) g (15 000 to 20 000) g (20 000 to 25 000) g	0.02 g 0.078 g 0.13 g 0.35 g 0.87g 2 g 3.6 g 3.8 g 10 g	Class F & class 1 weights

<sup>1</sup> This laboratory offers commercial and field calibration service.

<sup>2</sup> Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

<sup>3</sup> Field calibration service is available for this calibration. Please note the actual measurement uncertainties achievable on a customer's site can normally be expected to be larger than the CMC found on the A2LA Scope. Allowance must be made for aspects such as the environment at the place of calibration and for other possible adverse effects such as those caused by transportation of the calibration equipment. The usual allowance for the actual uncertainty introduced by the item being calibrated, (e.g., resolution) must also be considered and this, on its own, could result in the actual measurement uncertainty achievable on a customer's site being larger than the CMC.

<sup>4</sup> This scope meets A2LA's *P112 Flexible Scope Policy*.



# Accredited Laboratory

A2LA has accredited

## GREAT LAKES SCALE COMPANY

*Harrison Township, MI*

for technical competence in the field of

### Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This laboratory also meets the R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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).



Presented this 29<sup>th</sup> day of June 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2581.01  
Valid to June 30, 2025

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*