



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

GREAT LAKES SCALE COMPANY

Eastpointe, MI

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This laboratory also meets the requirements of any additional program requirements in the field of calibration. 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 8 January 2009*).

Presented this 26th day of May 2009.

A handwritten signature in cursive script, reading "Peter Abney".

President
For the Accreditation Council
Certificate Number 2581.01
Valid to June 30, 2011



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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

GREAT LAKES SCALE COMPANY
15231 Ten Mile
Eastpointe, MI 48021
Ila Pelc Phone: 586 776 0517

CALIBRATION

Valid To: June 30, 2011

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 calibrations¹:

I. Mechanical

Parameter/Equipment	Range	Best Uncertainty ^{2,3} (\pm)	Comments
Class III	(0 to 5) lb (0 to 10) lb (0 to 20) lb (0 to 50) lb (0 to 100) lb (0 to 200) lb (0 to 500) lb (0 to 1000) lb (0 to 2000) lb (0 to 5000) lb (0 to 10 000) lb (0 to 20 000) lb	0.00065 lb 0.0013 lb 0.002 lb 0.0065 lb 0.01 lb 0.017 lb 0.29 lb 0.13 lb 0.2 lb 0.39 lb 0.68 lb 1.3 lb	Class F Weights
Class IIIL	(0 to 50 000) lb (0 to 100 000) lb (0 to 200 000) lb (0 to 400 000) lb	3.0 lb 5.9 lb 17 lb 47 lb	Class F Weights

Satellite Laboratory
 GREAT LAKES SCALE COMPANY
 337 Lake Winyah Rd
 Alpena, MI 49707

I. Mechanical

Parameter/Equipment ⁴	Range	Best Uncertainty ^{2,3} (±)	Comments
Class III	(0 to 5) lb (0 to 10) lb (0 to 20) lb (0 to 50) lb (0 to 100) lb (0 to 200) lb (0 to 500) lb (0 to 1000) lb (0 to 2000) lb (0 to 5000) lb (0 to 10 000) lb (0 to 20 000) lb	0.00065 lb 0.0013 lb 0.002 lb 0.0065 lb 0.01 lb 0.017 lb 0.29 lb 0.13 lb 0.2 lb 0.39 lb 0.68 lb 1.3 lb	Class F Weights
Class IIIL	(0 to 50 000) lb (0 to 100 000) lb (0 to 200 000) lb (0 to 400 000) lb	3.0 lb 5.9 lb 17 lb 47 lb	Class F Weights

¹ This laboratory offers commercial and field calibration service.

² “Best Uncertainty” 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 of nearly ideal measuring equipment. Best uncertainties represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The best uncertainty of a specific calibration performed by the laboratory may be greater than the best uncertainty due to the behavior of the customer’s device and to influences from the circumstances of the specific calibration.

³ Field calibration service is available for this calibration and this laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these calibrations. Please note the uncertainties achievable on a customer's site can normally be expected to be larger than the Best Measurement Capabilities (BMC) that the accredited laboratory has been assigned as Best Uncertainty 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 uncertainty introduced by the item being calibrated, (e.g. resolution) must also be considered and this, on its own, could result in the calibration uncertainty being larger than the BMC.

⁴ The satellite laboratory is considered a staging location for calibrations done in the local area. It is used at limited times throughout the year and there are no permanent technicians, equipment or calibration standards maintained at this location. Technicians, equipment and calibration standards are maintained at the permanent laboratory. Traceability of standards is maintained from the permanent laboratory.