



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 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 18 June 2005*).

Presented this 9<sup>th</sup> day of July 2007.

A handwritten signature in cursive script, reading "Peter M. Meyer", written over a horizontal line.

President  
For the Accreditation Council  
Certificate Number 2581.01  
Valid to June 30, 2009



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, 2009

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</sup>:

I. Mechanical

Parameter/Equipment	Range	Best Uncertainty <sup>2,3</sup> (±)	Comments
Scales –  Class III	(0 to 5) lbs (0 to 10) lbs (0 to 20) lbs (0 to 50) lbs (0 to 100) lbs (0 to 200) lbs (0 to 500) lbs (0 to 1000) lbs (0 to 2000) lbs (0 to 5000) lbs (0 to 10 000) lbs (0 to 20 000) lbs	0.00065 lbs 0.0013 lbs 0.002 lbs 0.0065 lbs 0.01 lbs 0.017 lbs 0.29 lbs 0.13 lbs 0.2 lbs 0.39 lbs 0.68 lbs 1.3 lbs	Class F Weights
Class IIIIL	(0 to 50 000) lbs (0 to 100 000) lbs (0 to 200 000) lbs (0 to 400 000) lbs	3.0 lbs 5.9 lbs 17 lbs 47 lbs	

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<sup>1</sup> This laboratory offers commercial and on-site calibration service.

<sup>2</sup> “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.

<sup>3</sup> On-site calibration service is available for this calibration. 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.