



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

RITE-WEIGHT, INC.  
 3802 Irvindale Road  
 Duluth, GA 30096  
 Walt J. Stoy III Phone: 770 476 8500

CALIBRATION

Valid To: February 28, 2013

Certificate Number: 2040.01

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	CMC <sup>2</sup> (±)	Comments
Balances <sup>3</sup> – Micro Semi-micro	1 mg to 20 g Up to 200 g	0.009 5 mg 0.02 mg	Class 1 weights
Analytical Balances <sup>3</sup>	(40 to 400) g	0.2 mg	Class 1 weights
Precision Balances <sup>3</sup>	(400 to 1200) g (1200 to 10 000) g (10 000 to 64 000) g	0.001 2 g 0.008 g 0.12 g	Class 1 and 4 weights
Scales <sup>3</sup>	(0.001 to 10) lb (10 to 1000) lb (1000 to 10 000) lb	0.000 57 lb 0.058 lb 1.1 lb	Class F weights

---

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

<sup>2</sup> Calibration and Measurement Capability (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. Calibration and Measurement Capabilities 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 and this laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these calibrations. 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.



World Class Accreditation

The American Association for Laboratory Accreditation

# Accredited Laboratory

A2LA has accredited

## RITE-WEIGHT, INC.

*Duluth, GA*

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 8 January 2009).

Presented this 8<sup>th</sup> day of March 2011.



  
\_\_\_\_\_  
Peter Abney

President & CEO  
For the Accreditation Council  
Certificate Number 2040.01  
Valid to February 28, 2013

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