



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017
ANSI/NCSL Z540-1-1994

RICE LAKE WEIGHING SYSTEMS
230 West Coleman Street
Rice Lake, WI 54868
Brandi Harder Phone: 715 234 9171

CALIBRATION

Valid To: April 30, 2026

Certificate Number: 4363.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the organization's compliance with A2LA's Calibration Program Requirements), accreditation is granted to this laboratory to perform the following calibrations^{1,3}:

I. Mechanical

Parameter/Equipment	Range	CMC ² (±)	Comments
Mass – Metric	1000 kg	13 g	ASTM Class 00 through Class 7, OIML E1 through M3 NIST Class F
	500 kg	6.3 g	
	250 kg	2.6 g	
	200 kg	2.1 g	
	100 kg	1.2 g	
	50 kg	12 mg	
	30 kg	6.7 mg	
	20 kg	5.1 mg	
	10 kg	1.5 mg	
	5 kg	0.78 mg	
	3 kg	0.53 mg	
	2 kg	0.27 mg	
	1 kg	54 µg	
	500 g	29 µg	
	300 g	19 µg	
	200 g	14 µg	
	100 g	13 µg	
	50 g	7.7 µg	
	30 g	5.8 µg	
	20 g	5.1 µg	
10 g	5.6 µg		
5 g	2.9 µg		
3 g	1.8 µg		
2 g	1.3 µg		
1 g	1.1 µg		
500 mg	0.77 µg		

Parameter/Equipment	Range	CMC ² (±)	Comments
Mass – Metric (cont)	300 mg 200 mg 100 mg 50 mg 30 mg 20 mg 10 mg 5 mg 3 mg 2 mg 1 mg 0.5 mg	0.63 µg 0.59 µg 0.69 µg 0.71 µg 0.63 µg 0.63 µg 0.75 µg 0.48 µg 0.40 µg 0.36 µg 0.40 µg 0.61 µg	ASTM Class 00 through Class 7, OIML E1 through M3 NIST Class F
Mass – Avoirdupois	3000 lb 2500 lb 2000 lb 1000 lb 500 lb 250 lb 200 lb 100 lb 50 lb 30 lb 25 lb 20 lb 10 lb 5 lb 3 lb 2 lb 1 lb 0.5 lb 0.3 lb 0.2 lb 0.1 lb 0.05 lb 0.03 lb 0.02 lb 0.01 lb 0.005 lb 0.003 lb 0.002 lb 0.001 lb 4 oz 2 oz	0.029 lb (13 g) 0.026 lb (12 g) 0.026 lb (12 g) 0.013 lb (5.9 g) 5.1 mlb (2.3 g) 2.9 mlb (1.3 g) 2.4 mlb (1.1 g) 0.42 mlb (190 mg) 26 µlb (12 mg) 15 µlb (6.9 mg) 5.5 µlb (2.5 mg) 4.2 µlb (1.9 mg) 2.2 µlb (0.99 mg) 1.1 µlb (0.50 mg) 0.77 µlb (0.35 mg) 0.19 µlb (85 µg) 0.090 µlb (41 µg) 0.053 µlb (24 µg) 0.042 µlb (19 µg) 0.035 µlb (16 µg) 0.037 µlb (17 µg) 0.020 µlb (9.2 µg) 0.014 µlb (6.2 µg) 0.011 µlb (4.8 µg) 0.010 µlb (4.6 µg) 0.0051 µlb (2.3 µg) 0.0031 µlb (1.4 µg) 0.0021 µlb (0.97 µg) 0.0013 µlb (0.61 µg) 0.85 µoz (24 µg) 0.71 µoz (20 µg)	ASTM Class 1 through Class 7

Parameter/Equipment	Range	CMC ² (±)	Comments
Mass – Avoirdupois (cont)	1 oz 0.5 oz 0.25 oz 0.125 oz 0.0625 oz 0.031 25 oz	0.56 μoz (16 μg) 0.31 μoz (8.8 μg) 0.17 μoz (4.7 μg) 0.11 μoz (3.0 μg) 0.11 μoz (3.0 μg) 0.085 μoz (2.4 μg)	ASTM Class 1 through Class 7

¹ This laboratory offers commercial calibration service.

² 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.

³ This scope meets A2LA's *P112 Flexible Scope Policy*.



Accredited Laboratory

A2LA has accredited

RICE LAKE WEIGHING SYSTEMS

Rice Lake, WI

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 requirements of ANSI/NCCL Z540-1-1994 and 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 17th day of June 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4363.01
Valid to April 30, 2026

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