



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Buckeye Scale, LLC**  
20437 Hannan Parkway #6  
Walton Hills, OH 44146

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**CALIBRATION**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 15 December 2024

Certificate Number: L2437



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
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).

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**Buckeye Scale, LLC**

20437 Hannan Parkway #6  
Walton Hills, OH 44146  
Steven E. Smith  
440-786-1980

**CALIBRATION**

Valid to: **December 15, 2024**

Certificate Number: **L2437**

**Mass and Mass Related**

<b>Parameter/Equipment</b>	<b>Range</b>	<b>Expanded Uncertainty of Measurement (+/-) <sup>2</sup></b>	<b>Reference Standard, Method, and/or Equipment</b>
Weighing Systems <sup>1</sup>	(1 to 2 110) g	1d + 0.01% of Applied Load	ASTM Class 2 Weight Standards and NIST Handbook 44 utilized for the calibration of the Weighing System.
Weighing Systems <sup>1</sup>	(0 to 100 000) lb	1d + 0.02% of Applied Load	NIST Class F Weight Standards and NIST Handbook 44 utilized for the calibration of the Weighing System.

## Filing Scale Company, Division of Buckeye Scale

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### CALIBRATION

#### Mass and Mass Related

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method and/or Equipment
Analytical Balances, Scales and other Precision Weighing Devices <sup>1</sup>	1 mg to 99 mg	1d + 1.5% of Applied Load	ASTM Class 1 Weight Standards and NIST Handbook 44 utilized for the calibration of the Weighing System.
	100 mg to 20 kg	1d + 0.005% of Applied Load	
Weighing Systems Industrial Scales, Balances and other Weighing or Force Measuring Devices <sup>1</sup>	(0 to 100 000) lb	1d + 0.02% of Applied Load	NIST Class F Weight Standards and NIST Handbook 44 utilized for the calibration of the Weighing System.
Weighing Systems Vehicle Scales, Rail Scales, and other Heavy Capacity, Scales, Weighing or Force Measuring Devices <sup>1</sup>	(100 001 to 400 000) lb	1d + 0.1% of Applied Load	NIST Class F Weight Standards and NIST Handbook 44 utilized for the calibration of the Weighing System.

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ( $k=2$ ), corresponding to a confidence level of approximately 95%.

#### Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. d = Scale Division, the resolution of the unit under test, if multi-range, poly-range or dual range display, the largest division size would apply.
3. Per TR 2501- Contribution for the buoyance difference due to the air density during calibration being different than the air density used for the conventional reference mass values is included in the uncertainty values.
4. This scope is formatted as part of a single document including Certificate of Accreditation No. L2437.



R. Douglas Leonard Jr., VP, PILR SBU