



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Steinhoffer Scale Company, Inc.**  
**55645 Currant Road**  
**Mishawaka, IN 46545**

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: 20 December 2024

Certificate Number: L1131-1



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

### Steinhoffer Scale Company, Inc.

55645 Currant Road  
Mishawaka, IN 46545  
Thomas Boggs  
574-259-5425

### CALIBRATION

Valid to: **December 20, 2024**

Certificate Number: **L1131-1**

#### Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
Analytical Balance <sup>4</sup>	(0 to 230) g	0.76R + 0.000 5% of applied load	ASTM E617 Class I Weights Capacity and NIST Handbook 44
Precision Balance <sup>4</sup>	(0 to 1 100) g	0.76R + 0.000 5% of applied load	
Laboratory Balance <sup>4</sup>	(0 to 2 200) g	0.76R + 0.000 5% of applied load	
Industrial Balance <sup>4</sup>	(0 to 12 500) g	0.76R + 0.002 6% of applied load	ASTM E617 Class III Weights Capacity and NIST Handbook 44
Industrial Scales <sup>4</sup>	(0 to 500 000) lb	0.71R + 0.02% of applied load	NIST Class F Weights and NIST Handbook 44
Vehicle Scales <sup>4</sup>	(0 to 30 000) lb	0.71R + 0.02% of applied load	NIST Class F Weights, and NIST Handbook 44 NIST Class F Weights, w/Cart and NIST Handbook 44
	(0 to 30 000) lb	0.71R + 0.12% of applied load	
Vehicle Scales <sup>4</sup>	(30 000 to 350 000) lb	0.71R + 0.12% of applied load	NIST Class F Weights, Cart and NIST Handbook 44
Force Gages and Transducers (Tension and Compression)	(0 to 500) lb	0.58R + 0.034% of applied load	NIST 105-1 Class F Weights

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.  $R$  = Resolution of the unit under test.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L1131-1.
4. NIST Handbook 44 utilized for the calibration of the Weighing System to Full Capacity



R. Douglas Leonard Jr., VP, PILR SBU

