



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Scale Service & Supply Company, Inc.

**344 South Street
Rensselaer, NY 12144**

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.

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 May 2024

Certificate Number: L2117-1



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

Scale Service & Supply Company, Inc.

344 South Street
Rensselaer, NY 12144
Dean Haita
518-449-1626

CALIBRATION

Valid to: **May 20, 2024**

Certificate Number: **L2117-1**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Laboratory Balances ¹ (0.001 g resolution) (0.01 g resolution)	(0 to 300) g (0 to 1 000) g	0.007 1 g 0.022 g	ASTM E617 Class 1 Weights and Handbook 44 utilized for the calibration of balances
Industrial Scales ^{1,2} (0.1 g Resolution) (0.1 g resolution) (0.2 g Resolution) (0.5 g Resolution) (1 g Resolution) (1 g resolution) (2 g Resolution)	(0 to 1) kg (0 to 10) kg (0 to 2) kg (0 to 5) kg (0 to 10) kg (0 to 32) kg (0 to 20) kg	0.18 g 1.17 g 0.36 g 0.83 g 1.2 g 3.9 g 2.9 g	NIST 105 Class F Weights and Handbook 44 utilized for calibration of Scales
Industrial Scales ^{1,2} (0.000 2 lb Resolution) (0.000 5 lb Resolution) (0.001 lb Resolution) (0.002 lb Resolution) (0.005 lb Resolution) (0.01 lb Resolution) (0.02 lb Resolution) (0.05 lb Resolution) (0.1 lb Resolution) (0.2 lb Resolution) (0.5 lb Resolution)	(0 to 2) lb (0 to 5) lb (0 to 10) lb (0 to 20) lb (0 to 50) lb (0 to 100) lb (0 to 200) lb (0 to 500) lb (0 to 1 000) lb (0 to 2 000) lb (0 to 5 000) lb	0.000 28 lb 0.000 71 lb 0.001 4 lb 0.002 8 lb 0.007 lb 0.014 lb 0.029 lb 0.06 lb 0.12 lb 0.24 lb 0.5 lb	NIST 105 Class F Weights and Handbook 44 utilized for calibration of Scales

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Industrial Scales ^{1,2} (1 lb Resolution) (2 lb Resolution) (5 lb Resolution) (10 lb Resolution) (20 lb Resolution)	(0 to 10 000) lb (0 to 20 000) lb (0 to 50 000) lb (0 to 100 000) lb (0 to 200 000) lb	1 lb 2 lb 4.3 lb 8.7 lb 17 lb	NIST 105 Class F Weights and Handbook 44 utilized for calibration of Scales

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. Industrial Scales include bench, floor, and vehicle scales.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L2117-1.



R. Douglas Leonard Jr., VP, PILR SBU