



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Scale Services & Sales**  
431 Alden Road, Unit 12  
Markham, Ontario, L3R3L4 Canada

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 be 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 05 November 2024

Certificate Number: L2060-1



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 Services & Sales

431 Alden Road, Unit 12  
Markham, Ontario, L3R3L4 Canada  
M. (Roger) Sinnarajah  
905-940-8320  
905-940-8327

### CALIBRATION

Valid to: November 5, 2024

Certificate Number: L2060-1

#### Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Analytical Balances <sup>1</sup>  (0.000 01 to 0.000 1 g resolution)	Up to 1 g (1 to 5) g (5 to 20) g (20 to 40) g (40 to 60) g (60 to 80) g (80 to 100) g (100 to 210) g	0.029 mg 0.029 mg 0.032 mg 0.04 mg 0.047 mg 0.051 mg 0.058 mg 0.27 mg	ASTM E617 Class 0 Weights, ASTM E617 Class 1 Weights, EURAMET Calibration Guide No. 18 and Scale Services & Sales procedures
Laboratory Balances and High Precision Scales <sup>1</sup>  (0.001 g resolution)	0 g to 410 g	0.001 7 g	ASTM E617 Class 1 Weights, Canadian Weights & Measures Act & Regulations, NIST Handbook 44 and Scale Services & Sales procedures
(0.01 g resolution)	0 g to 4 100 g	0.014 g	
Bench Scales and Counting Scales <sup>1</sup>  (0.005 g resolution)	0 g to 500 g	0.006 g	ASTM E617 Class 1 Weights, ASTM E617 Class 4 Weights, Canadian Weights & Measures Act & Regulations, NIST Handbook 44 and Scale Services & Sales procedures

**Mass and Mass Related**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Bench Scales and Counting Scales <sup>1</sup> (0.01 g resolution)	0 g to 5 000 g	0.017 g	ASTM E617 Class 1 Weights, ASTM E617 Class 4 Weights, Canadian Weights & Measures Act & Regulations, NIST Handbook 44 and Scale Services & Sales procedures
(0.01 g resolution)	0 g to 2 000 g	0.015 g	
(0.02 g resolution)	0 g to 2 000 g	0.024 g	
(0.05 g resolution)	0 g to 5 000 g	0.06 g	
(0.1 g resolution)	0 g to 12 kg	0.1 g	
(0.1 g resolution)	0 kg to 32 kg	0.12 g	
(0.2 g resolution)	0 g to 16 kg	0.2 g	
(0.5 g resolution)	0 kg to 30 kg	0.64 g	
(1 g resolution)	0 kg to 50 kg	1.3 g	
(1 g resolution)	0 kg to 60 kg	1.7 g	
(2 g resolution)	0 kg to 10 kg	1.4 g	
(5 g resolution)	0 kg to 50 kg	5 g	
(10 g resolution)	0 kg to 100 kg	10.1 g	
Floor Scales <sup>1</sup> (20 g resolution)	0 kg to 200 kg	21 g	
(50 g resolution)	0 kg to 200 kg	50 g	
(100 g resolution)	0 kg to 300 kg	100 g	
(200 g resolution)	0 kg to 500 kg	200 g	
(0.5 lb resolution)	Up to 3 000 lb	0.87 lb	
(1 lb resolution)	Up to 2 000 lb	1.2 lb	
	(2 000 to 3 000) lb	1.6 lb	
(2 lb resolution)	(3 000 to 5 000) lb	2 lb	
	(5 000 to 10 000) lb	5.6 lb	

**Mass and Mass Related**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Crane Scales <sup>1</sup> (1 lb resolution)	0 lb to 5 000 lb	2 lb	ASTM E617 Class 4 Weights, ASTM E617 Class 5 Weights, Canadian Weights & Measures Act & Regulations and Scale Services & Sales Procedures

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. This scope is formatted as part of a single document including Certificate of Accreditation No. L2060-1.



Jason Stine, Vice President

