



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Scale Services & Sales
28 Crown Steel Drive, Unit 7
Markham, Ontario L3R 9Y1 Canada

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2017

while demonstrating technical competence in the fields of

CALIBRATION

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

L2060-1

Certificate Number



ANAB Approval

Certificate Valid: 10/19/2018-11/05/2020
Version No. 002 Issued: 10/19/2018



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
 28 Crown Steel Drive, Unit 7
 Markham, Ontario, L3R 9Y1 Canada
 M. (Roger) Sinnarajah
 905-940-8320
 905-940-8327

CALIBRATION

Valid to: **November 5, 2020**

Certificate Number: **L2060-1**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Laboratory Balances and High Precision Scales (0.000 1 g Resolution)	0 g to 210 g	0.000 45 g	ASTM E617 Class 1 Weights, Canadian Weights & Measures Act & Regulations, NIST Handbook 44 and Scale Services & Sales procedures
(0.001 g Resolution)	0 g to 410 g	0.001 6 g	
(0.01g Resolution)	0 g to 4 100 g	0.012 g	
Bench Scales and Counting Scales (0.005 g Resolution)	0 g to 500 g	0.005 3 g	ASTM E617 Class 1 Weights, ASTM E617 Class 4 Weights, Canadian Weights & Measures Act & Regulations, NIST Handbook 44 and Scale Services & Sales procedures
(0.01g Resolution)	0 g to 5 000 g	0.016 g	
(0.01 g Resolution)	0 g to 2 000 g	0.013 g	
(0.02 g Resolution)	0 g to 2 000 g	0.021 g	
(0.05 g Resolution)	0 g to 5 000 g	0.053 g	
(0.1 g Resolution)	0 g to 12 kg	0.084 g	
(0.1 g Resolution)	0 kg to 32 kg	0.1 g	



Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment	
Bench Scales and Counting Scales (0.2 g Resolution)	0 g to 16 kg	0.17 g	ASTM E617 Class 1 Weights, ASTM E617 Class 4 Weights, Canadian Weights & Measures Act & Regulations, NIST Handbook 44 and Scale Services & Sales procedures	
	(0.5 g Resolution)	0 kg to 30 kg		0.57 g
	(1 g Resolution)	0 kg to 50 kg		1.2 g
	(1 g Resolution)	0 kg to 60 kg		1.6 g
	(2 g Resolution)	0 kg to 10 kg		1.4 g
	(5 g Resolution)	0 kg to 50 kg		4.1 g
	(10 g Resolution)	0 kg to 100 kg		8.2 g
	Floor Scales	(20 g Resolution)		0 kg to 200 kg
(50 g Resolution)		0 kg to 200 kg	41 g	
(100 g Resolution)		0 kg to 300 kg	82 g	
(200 g Resolution)		0 kg to 500 kg	160 g	
(0.2 kg Resolution)		0 kg to 1 000 kg	0.23 kg	
(0.5 kg Resolution)		0 kg to 2 500 kg	0.6 kg	
(1 kg Resolution)		0 kg to 5 000 kg	1.2 kg	
Crane Scales (0.5 kg Resolution)	0 kg to 2 500 kg	(0.74 + 0.000 9M) kg	NTEP Class III load cell, 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
(0.5 kg Resolution)	0 kg to 2 500 kg	0.6 kg	OIML R 111 Class M1 Weights, Canadian Weights & Measures Act & Regulations, NIST Handbook 44 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. M is the mass in kg.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L2060-1.



Vice President

