



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Electronic Scale Systems, Inc.
1310 Osprey Drive, Unit #3
Ancaster, ON L9G 4V5 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.

R. Douglas Leonard Jr., VP, P.I.R.SBU
Expiry Date: 24 June 2024
Certificate Number: L2053-1



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

Electronic Scale Systems, Inc.

1310 Osprey Drive, Unit #3
Ancaster, ON L9G 4V5 Canada
Rick Dadswell
905-648-0990

CALIBRATION

Valid to: **June 24, 2024**

Certificate Number: **L2053-1**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Analytical Balances: (0.000 001 g Resolution) (0.000 1 g Resolution) (0.001 g Resolution) (0.01 g Resolution) (0.1 g Resolution)	(0 to 50) g (0 to 100) g (0 to 500) g (0 to 1 000) g (0 to 5 000) g	0.000 18 g 0.000 3 g 0.002 5 g 0.011 g 0.12 g	ASTM E617 Class 1 Weights and Canadian Weights & Measures Regulations utilized for the calibration of the Weighing System
Lab Balances: (0.1 g Resolution) (0.5 g Resolution)	(0 to 10) kg (0 to 30) kg	0.22 g 0.79 g	OIML Class F2 Weights and Canadian Weights & Measures Regulations utilized for the calibration of the Weighing System
Industrial Scales ² : (0.5 g Resolution) (2 g Resolution) (0.01 kg Resolution) (0.5 kg Resolution) (5 kg Resolution) (10 kg Resolution)	(0 to 1 000) g (0 to 10 000) g (0 to 100) kg (0 to 2 000) kg (0 to 20 000) kg (0 to 100 000) kg	0.51 g 2.1 g 0.012 kg 0.52 kg 13 kg 22 kg	OIML Class M1 Weights and Canadian Weights & Measures Regulations 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. Industrial Scales include Bench, Floor, Tank, Hopper, Crane, Truck etc.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L2053-1.



R. Douglas Leonard Jr., VP, P.I.L.R. SBU