



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

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

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

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

CALIBRATION

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

L2053-1
Certificate Number


ANAB Approval

Certificate Valid: 06/27/2017-06/24/2018
Version No. 001 Issued: 06/27/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Electronic Scale Systems, Inc.

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

CALIBRATION

Valid to: **June 24, 2018**

Certificate Number: **L2053-1**

Mass

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Analytical Balances (0.000 001 g Resolution)	(0 to 50) g	0.16 mg	ASTM E617 Class 1 Weights and Canadian Weights & Measures Regulations utilized for the calibration of the Weighing System
(0.0001 g Resolution)	(0 to 100) g	0.19 mg	
(0.001 g Resolution)	(0 to 1 000) g	2.5 mg	
(0.01 g Resolution)	(0 to 1 000) g	14 mg	
(0.1 g Resolution)	(0 to 5 000) g	0.15 g	
Lab Balances (0.1 g Resolution)	(0 to 10) kg	0.15 g	OIML Class F2 Weights and Canadian Weights & Measures Regulations utilized for the calibration of the Weighing System
(0.5 g Resolution)	(0 to 30) kg	0.77 g	
Industrial Scales ² (0.5 g Resolution)	(0 to 1 000) g	0.66 g	OIML Class M1 Weights and Canadian Weights & Measures Regulations utilized for the calibration of the Weighing System
(2 g Resolution)	(0 to 10 000) g	2.9 g	
(0.01 kg Resolution)	(0 to 100) kg	0.013 kg	
(0.5 kg Resolution)	(0 to 2 000) kg	0.69 kg	
(5 kg Resolution)	(0 to 20 000) kg	12 kg	
(10 kg Resolution)	(0 to 100 000) kg	21 kg	





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Mass

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Compression Testers	(0 to 200) kgf	0.23 kgf	Load Cell and Digital Indicator

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.



Vice President