CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Control Panel Systems Ontario Ltd.
110 Scotia Court, Units 24-26
Whitby, ON L1N 8Y7

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.

L2122-1
Certificate Number

ANAB Approval

Certificate Valid: 05/23/2018-07/15/2020
Version No. 002 Issued: 05/23/2018

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 April 2017).

ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Control Panel Systems Ontario Ltd.

110 Scotia Court, Units 24-26
Whitby, ON L1N 8Y7
Todd Delisle
905-668-8100 / 905-438-8521

CALIBRATION

Valid to: **July 15, 2020** Certificate Number: **L2122-1**

Mass and Mass Related

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Torque Transducers[2]	(2 to 20) N·m (15 to 75) N·m (32 to 180) N·m (100 to 500) N·m	0.06 % of reading 0.06 % of reading 0.06 % of reading 0.06 % of reading	Dead weights and calibration beams
Torque Power Tools	(0.2 to 1) N·m (0.5 to 5) N·m (2 to 20) N·m (7.5 to 75) N·m (18 to 180) N·m (50 to 500) N·m	0.005 N·m 0.07 N·m 0.12 N·m 0.53 N·m 1.6 N·m 2.2 N·m	Torque Transducers
Torque Wrenches	(0.5 to 5) N·m (2 to 20) N·m (7.5 to 75) N·m (18 to 180) N·m (50 to 500) N·m	0.3 N·m 0.6 N·m 2.4 N·m 3.3 N·m 12 N·m	

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. Uncertainties do not include type A contributors from a “best existing device”.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L2122-1.

Vice President