

Scope of Accreditation

For

McCANN Equipment LTD.

2178 Torquay Mews
Mississauga, Ontario L5N 2M6 Canada
Daniel M. McCann
(905)542-1333

In recognition of a successful assessment to ISO/IEC 17025:2005, and ANSI Z540-1 accreditation is granted to **McCANN Equipment LTD.** to perform the following **Calibrations**:

Accreditation granted through: **June 29, 2010**

Calibration

Mass – Torque

Calibration Parameter/Equipment ¹	Range	Best Measurement Capability(+/-) ²	Remarks
Hand Torque Wrenches and Torque Limiting Screwdrivers	4 ozf·in to 2000 lbf·ft 0.028 Nm to 2712 Nm	0.48% of applied load	ISO 6789
Pneumatic Torque Wrenches	0.4 lbf·ft to 25 000 lbf·ft 0.04 Nm to 33 900 Nm	1.52% of applied load	Electronic transducer and display unit per McCANN procedures
Hydraulic Torque Wrenches	127 lbf·ft to 25 000 lbf·ft 172 Nm to 33 900 Nm	1.17% of applied load	Electronic transducer and display unit per McCANN procedures
Electronic Torque Wrenches	4 ozf·in to 2000 lbf·ft 0.028 Nm to 2712 Nm	0.6% of applied load	Electronic transducer and display unit per McCANN procedures
Hand Torque Multipliers	127 lbf·ft to 25 000 lbf·ft 172 Nm to 33 900 Nm	0.59% of applied load	Electronic transducer and display unit per McCANN procedures

Calibration Parameter/Equipment¹	Range	Best Measurement Capability(+/-)²	Remarks
Mechanical Torque Closure Meters	1 lbf-in to 100 lbf-in	0.5% of applied load	Electronic transducer and display unit per McCANN procedures
DC Electronic Torque Wrench	1.5 lbf-in to 5000 lbf-ft 0.17 Nm to 6780 Nm	0.36% of applied load	Electronic transducer and display unit per McCANN procedures

Mass – Force

Calibration Parameter/Equipment¹	Range	Best Measurement Capability(+/-)²	Remarks
Bolt Load Meter	200 lbf to 10 000 lbf	180 lbf	Skidmore J
Bolt Load Meter	2000 lbf to 30 000 lbf	328 lbf	Skidmore J & RJ
Bolt Load Meter	2000 lbf to 110 000 lbf	650 lbf	Skidmore M & MS
Bolt Load Meter	4000 lbf to 170 000 lbf	1252 lbf	Skidmore H

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) Best uncertainties represent expanded uncertainties at approximately the 95% confidence level using a coverage factor of k=2.

Approved by:  _____ Date: May 27, 2008
 R. Douglas Leonard
 Chief Technical Officer

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