

Scope of Accreditation For McCann Equipment LTD

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In recognition of a successful assessment to ISO/IEC 17025:2005 and ANSI Z540.3 (sub-clause 5.3) accreditation is granted to **McCann Equipment Ltd.** to perform the following **Calibrations**:

Accreditation granted through: **June 29, 2013**

Calibration

Mass – Torque

Calibration Parameter/Equipment ¹	Range	Calibration and Measurement Capability(+/-) ²	Remarks
Hand Torque Wrenches and Torque Limiting Screwdrivers	4 ozf·in to 2 000 lbf·ft 2.8 cNm to 2 712 Nm	0.48% of applied load	ISO 6789
Pneumatic Torque Wrenches	0.4 lbf·in to 10 000 lbf·ft 0.04 cNm to 13 600 Nm	1.52% of applied load	Electronic transducer and display unit per McCann procedures
Hydraulic Torque Wrenches	127 lbf·ft to 10 000 lbf·ft 172 Nm to 13 600 Nm	1.17% of applied load	Electronic transducer and display unit per McCann procedures
Electronic Torque Wrenches	4 ozf·in to 2 000 lbf·ft 2.8 cNm to 2 712 Nm	0.6% of applied load	Electronic transducer and display unit per McCann procedures
Hand Torque Multipliers	127 lbf·ft to 10 000 lbf·ft 172 Nm to 13 600 Nm	0.59% of applied load	Electronic transducer and display unit per McCann procedures

Mass – Pressure

Calibration Parameter/Equipment ¹	Range	Calibration and Measurement Capability(+/-) ²	Remarks
Pneumatic Pressure Gauge	0.1 psi to 300 psi	0.15% of applied load	GE Druck Digital Pressure Indicator Model DPI 280 Pressure Transducer Model PDCR 4010 per ASME B40

Notes:

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



Approved by: _____ Date: July 22, 2010

R. Douglas Leonard
Chief Technical Officer

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