

Scope of Accreditation

For

EASTERN Pneumatics & Hydraulics Inc. Division of McCANN Equipment LTD.

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In recognition of a successful assessment to ISO/IEC 17025:2005, and ANSI Z540-1 accreditation is granted to **EASTERN Pneumatics & Hydraulics Inc. Division of 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 2.8 cNm to 2712 Nm	0.48% of applied load	ISO 6789
Pneumatic Torque Wrenches	0.4 lbf-in to 5000 lbf-ft 0.04 cNm to 6780 Nm	1.52% of applied load	Electronic transducer and display unit per McCANN procedures
Hydraulic Torque Wrenches	127 lbf-ft to 5000 lbf-ft 172 Nm to 6780 Nm	1.17% of applied load	Electronic transducer and display unit per McCANN procedures
Electronic Torque Wrenches	4 ozf-in to 2000 lbf-ft 2.8 cNm to 2712 Nm	0.6% of applied load	Electronic transducer and display unit per McCANN procedures
Hand Torque Multipliers	127 lbf-ft to 5000 lbf-ft 172 Nm to 6780 Nm	0.59% of applied load	Electronic transducer and display unit per McCANN procedures

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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