

# Scope of Accreditation

## For

### Eastern Pneumatics & Hydraulics Inc., a division of McCann Equipment Ltd.

40 Lowell Road, Unit 3  
Salem, NH 03079  
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603-893-7662

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

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

## Calibration

### Mass – Torque

Calibration Parameter/Equipment <sup>1</sup>	Range	Calibration and Measurement Capability(+/-) <sup>2</sup>	Remarks
Hand Torque Wrenches and Torque Limiting Screwdrivers	4 ozf·in to 2 000 lbf·ft 2.8 cNm to 2712 Nm	0.48% of applied load	ISO 6789
Pneumatic Torque Wrenches	0.4 lbf·in to 5 000 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 5 000 lbf·ft 172 Nm to 6 780 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 5 000 lbf·ft 172 Nm to 6 780 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) Calibration and Measurement Capability represents expanded uncertainties at approximately a 95% confidence level using a coverage factor of k=2.

Approved by: \_\_\_\_\_



R. Douglas Leonard  
Chief Technical Officer

Date: July 22, 2010

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