

Scope of Accreditation For Eastern Pneumatics & Hydraulics Inc., A Division of McCann Equipment Ltd.

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In recognition of a successful assessment to ISO/IEC 17025:2005 and ANSI/NCSL Z540.3, 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 ¹	Range	Calibration and Measurement Capability(+/-)	Remarks
Hand Torque Wrenches and Torque Limiting Screwdrivers	4 ozf-in to 2000 lbf-ft (0.028 to 2712) Nm	0.48 % of applied load	ISO 6789
Pneumatic Torque Wrenches	0.4 lbf-in to 5000 lbf-ft (0.17 to 6780) Nm	1.52 % of applied load	Electronic Transducer and Display Unit per McCann procedures
Hydraulic Torque Wrenches	(127 to 5000) lbf-ft (172 to 6780) Nm	1.17 % of applied load	
Electronic Torque Wrenches	4 ozf-in to 2000 lbf-ft (0.028 to 2712) Nm	0.6 % of applied load	
Hand Torque Multipliers	(127 to 5000) lbf-ft (172 to 6780) Nm	0.59 % of applied load	

Calibration and Measurement Capability (CMC) represents expanded uncertainties at approximately a 95% confidence level using a coverage factor of k=2.

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.

Approved by: 
R. Douglas Leonard
Chief Technical Officer

Date: September 1, 2011