



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc., has assessed the Laboratory of:

***Crane Electronics, Inc.
1260 11th Street West
Milan, IL 61264***

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025: 2005

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated January 2009):

***Calibration of torque measuring and control equipment
(As detailed in the supplement)***

Such testing and/or calibration services shall only be offered at or from the address given above. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

The validity of this certificate is mandated through ongoing surveillance.

Tracy Szerszen
President/Operations Manager

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
26555 Evergreen, Suite 1325
Southfield, Michigan 48076

Initial Accreditation Date:
August 21, 2003

Issue Date:
October 08, 2009

Expiration Date:
October 07, 2011

Accreditation No.:
59089

Certificate No.:
L09-100

Page No.:
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Certificate of Accreditation: Supplement

Crane Electronics, Inc.
1260 11th Street West
Milan, IL 61264

Accreditation is granted to this facility to perform the following calibrations:

Mechanical

| MEASURED INSTRUMENT, QUANTITY OR GAUGE | RANGE (AND SPECIFICATION WHERE APPROPRIATE) | BEST MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm) | REMARKS |
|---|---|---|---|
| Torque Transducers Torque Wrenches Torque Readout Devices | 0.10 N·m to 30 N·m | The greater of 0.16 % of applied torque or 0.008 0 N·m | Traceable test equipment includes Calibration Beams, M1 class weights and digital multimeters |
| | 30 N·m to 300 N·m | The greater of 0.062 % of applied torque or 0.050 N·m | |
| | 300 N·m to 2 500 N·m | The greater of 0.052 % of applied torque or 0.16 N·m | |

1. Remarks: This column shall include pertinent information about the calibration of the Measured Instrument or parameter. The information should include the type of standards used and any pertinent information about the measurement method.