

PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

***Centro de Máquinas de Medición, S.A. de C.V.
Ave. López Mateos # 1099 - A - 7 Col. Margarita Salazar
San Nicolas de los Garza, Nuevo León, México 66479***

(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):

CMM Calibration (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:

June 12, 2009

Issue Date:

June 12, 2009

Expiration Date:

November 25, 2013

Accreditation No.

61872

Certificate No.

L09-60

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Certificate of Accreditation: Supplement

Centro de Máquinas de Medición, S.A. de C.V.
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Accreditation is granted to this facility to perform the following calibrations:

Dimensional

MEASURED QUANTITY, INSTRUMENT OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	BEST MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	REMARKS
Repeatability (CMM)	400 mm to 15 000 mm	0.7 μ m	ASME B89.4.10360.2- 2008
Repeatability (CMM)	1 500 mm to 4 000 mm	1.1 μ m	
Repeatability (CMM)	4 000 mm to 12 000 mm	2.9 μ m	
3D Performance (CMM)	400 mm to 1 500 mm	(0.6 + 1.2 L) μ m	
3D Performance (CMM)	1 500 mm to 4 000 mm	(1.0 + 1.0 L) μ m	
3D Performance (CMM)	4 000 mm to 12 000 mm	(3.5 + 1.3 L) μ m	
Effective Diameter Repeatability (AACMM)	25.4 mm	2.0 μ m	ASME B89.4.22-2004
Single Point Repeatability (AACMM)	0 mm to 1 200 mm	3.9 μ 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. This column is not to be used for commercial advertisement of laboratory services
2. The term wt represents weight in pounds or grams (including SI multiple and submultiples units) appropriate to the uncertainty statement.
3. The term L represents length in meters as appropriate to the uncertainty statement.