PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Centro de Asesoría y Calibración a Equipos de Laboratorio, S.C.

2A Avenida #832, Col. Jardines de Anáhuac, San Nicolás de los Garza, N.L. 66463

(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):

Mass and Weighing Devices Calibration

(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. 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:

Initial Accreditation Date:	*Issue Date:*	*Accreditation No.:*	*Certificate No.:*
September 14, 2013	September 14, 2013	67224	L13-187

Tracy Szerszen
President/Operations Manager

Perry Johnson Laboratory Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com

Certificate of Accreditation: Supplement

Centro de Asesoría y Calibración a Equipo de Laboratorio, S.C.

2A Avenida #832, Col. Jardines de Anáhuac, San Nicolás de los Garza, N.L. 66463
Contact Name: César Cama Phone: 818-330-9756

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

Mass and Weighing Devices

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Balances and Scales	1 mg to 5 g (Res.= 0.02 mg)	0.046 mg	Weight Set OIML E2
	1 mg to 50 g (Res.= 0.05 mg)	0.10 mg	
	1mg to 200 g (Res.= 0.1 mg)	0.24 mg	
	1 mg to 500 g (Res. = 0.2 mg)	0.58 mg	
	1 mg to 1 kg (Res.= 2 mg)	4.1 mg	Weight Set OIML F1
	1 mg to 2 kg (Res.= 5 mg)	9.2 mg	
	1 mg to 5 kg (Res.= 0.01 g)	20 mg	
	1 mg to 10 kg (Res.= 0.02 g)	41 mg	
	1 mg to 20 kg (Res.= 0.05 g)	92 m g	
	1 g to 40 kg (Res.= 1 g)	1.7 g	Weight Set OIML M1
	1 g to 50 kg (Res.= 1 g)	2 g	
	5 g to 100 kg (Res.= 2 g)	4.1 g	
	10 g to 200 kg (Res.= 5 g)	9.2 g	
	20 g to 500 kg (Res.= 10 g)	20 g	
	50 g to 1 000 kg (Res.= 20 g)	41 g	
	200 g to 2 000 kg (Res.= 100 g)	0.18 k g	Weight Set OIML M2
Mass Weight OIML Class M1, M2, M3	1 g	0.12 mg	Weight Set OIML F2 Double Substitution NOM-038-SCFI-2000
	2 g	0.14 mg	

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Mass Weight OIML Class M1, M2, M3	5 g	0.18 mg	Weight Set OIML F2 Double Substitution NOM-038-SCFI-2000
	10 g	0.20 mg	
	20 g	0.27 mg	
	50 g	0.34 mg	
	100 g	0.50 mg	
	200 g	1 mg	
	500 g	3.4 mg	
	1 000 g	7.4 mg	
	2 000 g	13 mg	
	5 000 g	28 mg	
	10 000 g	63 mg	
	20 000 g	0.11 g	
Mass Weight ASTM Class 5, 6 y 7	1 g	0.12 mg	Weight Set OIML F2 Double Substitution NOM-038-SCFI-2000 ASTM E 617
	2 g	0.14 mg	
	3 g	0.24 mg	
	5 g	0.18 mg	
	10 g	0.21 mg	
	20 g	0.28 mg	
	30 g	0.45 mg	
	500 g	0.34 mg	
	100 g	0.54 mg	
	200 g	1 mg	
	300 g	6.1 mg	
	500 g	6.9 mg	
	1 000 g	7.4 mg	
	2 000 g	14 mg	
	3 000 g	18 mg	
	5 000 g	28 mg	
	10 000 g	63 mg	
	20 000 g	0.11 g	
	30 000 g	0.16 g	

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Contact Name: César Cama Phone: 818-330-9756

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

1. The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represent the smallest measurement uncertainties attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is expressed at a confidence level of 95 % using a coverage factor *k* (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the CMC for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.
2. The laboratories range of calibration capability for all disciplines for which they are accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.
3. When calibrations are performed at customer locations the resulting measurement uncertainty associated with the calibration will typically be larger than the CMC stated on this scope of accreditation. This is due in large part to variation of environmental conditions at customer facilities, the effects of transport on any standards or equipment taken to customer sites and the resolution and repeatability unique to the device being calibrated.

Perry Johnson Laboratory Accreditation, Inc.

PJLA

September 14, 2013

César Cama
Centro de Asesoría y Calibración a Equipos de Laboratorio, S.C.
2A Avenida #832, Col. Jardines de Anáhuac
San Nicolas de los Garza, N.L. 66463

Dear Mr. Cama:

This letter is to confirm that you have successfully completed your accreditation assessment. A certificate has now been granted and posted on our website. As you are aware, PJLA will no longer be issuing expiration dates on our certificates. Your certificate # **L13-187** will remain valid as long as you continue to maintain your annual assessments and reaccreditation assessments as stated in your customer agreement with PJLA. At this time, we have confirmed that your annual assessments will be conducted during the month of **August** each calendar year. This will include an interim surveillance assessment and a full system reassessment to be completed by **August 2015**. Once your reassessment is conducted and approved by our accreditation committee a revised status letter will be provided to you. Please allow PJLA at least 120 days from your assessment due date to issue this letter.

Please feel free to release this letter to any interested parties as confirmation of your certificate validity. Also, please remind them that your certificate is posted on our website at all times. Any changes in regards to your accreditation status will be reflected on our website.

We would like to thank you for your patronage and we look forward to continuously serving your accreditation needs in the future. If we can assist you any further, please feel free to contact us at any time.

Sincerely,

Tracy Szerszen
President/Operations Manager

755 W. Big Beaver Rd. · Suite 1325 · Troy, MI 48084 · Phone: 1-877-369-LABS or 248-519-2603 · Fax: 248-213-0737