



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

West Michigan Scale Co., Inc.
943 Industrial Parkway, Plainwell, MI 49080

(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 Mass Force and Weighing Devices
(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:

June 27, 2017

Issue Date:

June 27, 2017

Expiration Date:

September 30, 2018

Accreditation No.:

76022

Certificate No.:

L17-267

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.pjllabs.com



Certificate of Accreditation: Supplement

West Michigan Scale Co., Inc.

943 Industrial Parkway, Plainwell, MI 49080
Contact name: Monica Swanson Phone: 269-685-9521

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

Mass Force and Weighing Devices

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Laboratory Microbalances ^{FO}	Up to 100 g (Resolution: 0.01 mg)	0.41 mg	Class 1 Weights
	Up to 200 g (Resolution: 0.1 mg)	0.7 mg	Class F Weights
Bench and Floor Scales ^{FO}	Up to 100 kg	(0.03 % of reading + 4.4)g	Class F Weights with Stain Test
	Up to 400 g (Resolution: 0.005 g)	0.006 3 g	
	Up to 25 000 lb	(0.03 % of reading + 0.064)lb	
	Up to 800 oz	(0.17 % of reading + 13)oz	
Vehicle Scales ^{FO}	Up to 200 000 (Resolution: 20 lb)	24 lb	Class F Weights with Stain Test
	Up to 500 000 lb (Resolution: 100 lb)	130 lb	
Aggregate Hoppers ^{FO}	Up to 40 000 lb (Resolution: 10 lb)	25 lb	Class F weights w/ Build-up Tests
	Up to 40 000 lb (Resolution: 20 lb)	50 lb	

1. The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically 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. The presence of a superscript FO means that the laboratory performs calibration of the indicated parameter both at its fixed location and onsite at customer locations. Example: Outside Micrometer^{FO} would mean that the laboratory performs this calibration at its fixed location and onsite at customer locations.
4. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratories fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratories fixed location.
5. The above scope of accreditation was created based on a former ILAC MRA Signatory's certificate policy. Based on the intent of the ILAC MRA, PJLA recognizes other scopes issued by other ILAC signatories. This scope will be modified based on PJLA's Policy following the next on-site assessment.