

# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

#### Cream City Stateline Scale Co., LLC

4300 N. Bell School Road, Loves Park, IL 61111 490 Enterprise Dr., Lake Mills, WI 53551

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

# ISO/IEC 17025:2017 & Meets the Requirements of ANSI/NCSI Z540.1-1994

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 April 2017):

# 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:

Issue Date:

Expiration Date:

May 31, 2014

August 28, 2024

November 30, 2026

Accreditation No.:

Certificate No.:

82374

L24-662

Tracy Szerszen President

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: <a href="www.pjlabs.com">www.pjlabs.com</a>



### Certificate of Accreditation: Supplement

#### Cream City Stateline Scale Co., LLC

4300 N. Bell School Road, Loves Park, IL 61111 490 Enterprise Dr. Lake Mills, WI 53551 Contact Name: Kathy Kindred Phone: 815-885-4448

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

Mass, Force and Weighing Devices

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED
Class I Balances FO	Up to 400 g	0.9 mg	Class 1 Weights	NIST Handbook 44
	Up to 1 200 g	1.8 mg		
Class II Balances FO	Up to 100 g	0.9 mg	Class F Weights	1
	Up to 1 000 g	5.8 mg		
	Up to 5 000 g	0.15 g		
	Up to 10 000 g	0.19 g		
	Up to 20 000 g	0.21 g		
	Up to 50 000 g	0.34 g		
Class I Scales FO	0.000 1 g to 400 g (Res = 0.1 mg)	0.9 mg	Class 1 Test	]
	0.000 1 g to 1 200 g (Res = 0.1 mg)	0.9 mg	Weights	
Class II Scales FO	0.001  g to  100  g (Res = 0.001  g)	0.012 g	Class F Test	
	0.002  g to  200  g (Res = 0.002  g)	0.012 g	Weights	
	0.005  g to  500  g (Res = 0.005  g)	0.013 g		
	$0.01 \text{ g to } 1\ 000 \text{ g (Res} = 0.01 \text{ g)}$	0.016 g		
	$0.02 \text{ g to } 2\ 000 \text{ g (Res} = 0.02 \text{ g)}$	0.026 g		
	$0.05 \text{ g to } 5\ 000 \text{ g (Res} = 0.05 \text{ g)}$	0.059 g		
	$0.1 \text{ g to } 10\ 000 \text{ g (Res} = 0.1 \text{ g)}$	0.12 g		
	$0.2 \text{ g to } 20\ 000 \text{ g (Res} = 0.2 \text{ g)}$	0.23 g		
	$0.5 \text{ g to } 50\ 000 \text{ g (Res} = 0.5 \text{ g)}$	0.58 g		
Class III Scales FO	0.001 lb to 10 lb (Res = 0.001 lb)	0.006 lb		
	0.002  lb to  20  lb (Res = 0.002  lb)	0.12 lb		
	0.005  lb to  50  lb (Res = 0.005  lb)	0.0083 lb		
	0.01 lb to 100 lb (Res = 0.01 lb)	0.017 lb		
	0.02  lb to  200  lb (Res = 0.02  lb)	0.33 lb		
	0.05 lb to 500 lb (Res = 0.05 lb)	0.082 lb		
	0.1 lb to 1 000 lb (Res = 0.1 lb)	0.13 lb		
	0.2 lb to 2 000 lb (Res = 0.2 lb)	0.33 lb		
	0.5 lb to 5 000 lb (Res = 0.5 lb)	0.81 lb		
	1 lb to 10 000 lb (Res = 1 lb)	1.7 lb		
	2 lb to 20 000 lb (Res = 2 lb)	3.3 lb		
	5 lb to 50 000 lb (Res = 5 lb)	5.9 lb		
	10 lb to 100 000 lb (Res = 10 lb)	12 lb		
	20 lb to 200 000 lb (Res = 20 lb)	23 lb		



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Class IIIL Scales FO	10 000 lb to 100 000 lb (Res = 10 lb)	11 lb	Class F Test	NIST Handbook 44
	20 000 lb to 200 000 lb (Res = 20 lb)	24 lb	Weights	
	50 000 lb to 500 000 lb (Res = 50 lb)	59 lb		
Class IV Scales O	5 000 lb to 50 000 lb (Res = 20 lb)	26 lb		
	10 000 lb to 100 000 lb (Res = 50 lb)	59 lb		
	50 000 lb to 200 000 lb (Res = 100 lb)	116 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 F means that the laboratory performs calibration of the indicated parameter at its fixed location.
- 4. The presence of a superscript O means that the laboratory performs calibration of the indicated parameter onsite at customer locations.
- 5. 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