



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

### ***Shearman-Pease Scale Systems, Inc.***

***1012 Wall Street, El Paso, TX 79915***

*(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 April 2017):

### ***Calibration of Industrial 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:

Tracy Szerszen  
President/Operations Manager

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

*Initial Accreditation Date:*      *Issue Date:*      *Expiration Date:*  
February 20, 2007      February 16, 2019      March 31, 2021

*Accreditation No.:*      *Certificate No.:*

59421

L19-92

*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](http://www.pjlabs.com)*



# Certificate of Accreditation: Supplement

## Shearman-Pease Scale Systems, Inc.

1012 Wall Street, El Paso, TX 79915

Contact Name: Javier Luna Phone: 915-779-3747

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

### Mass, Force & 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
Analytical Balances Class 1 <sup>o</sup>	5 g to 110 g	$(2.64 \times 10^{-2} + 2.91 \times 10^{-6}Wt)$ mg	ASTM Class 1 weights NIST IR 6919
	110 g to 600 g	$(1.09 \times 10^{-1} + 5 \times 10^{-3}Wt)$ mg	
	600 g to 1 100 g	$(9.79 \times 10^{-1} + 4 \times 10^{-3}Wt)$ mg	
Electronic Balances Class II <sup>o</sup>	100 g to 1 100 g	$(1.13 \times 10^{-3} + 5 \times 10^{-6}Wt)$ g	Class F weights NIST Handbook 44
	1 000 g to 10 000 g	$(8.54 \times 10^{-2} + 1.92 \times 10^{-4}Wt)$ g	
	10 000 g to 20 000 g	$(1.1 \times 10^{-1} + 1.95 \times 10^{-4}Wt)$ g	
Bench Scales Class III <sup>o</sup>	20 000 g to 50 000 g	$(4.19 \times 10^{-1} + 1.92 \times 10^{-4}Wt)$ g	
	1 lb to 25 lb	$(2.21 \times 10^{-3} + 1.22 \times 10^{-4}Wt)$ lb	
	20 lb to 50 lb	$(5.94 \times 10^{-3} + 1.24 \times 10^{-4}Wt)$ lb	
	50 lb to 100 lb	$(1.10 \times 10^{-2} + 1.2 \times 10^{-4}Wt)$ lb	
	100 lb to 200 lb	$(2.20 \times 10^{-2} + 1.2 \times 10^{-4}Wt)$ lb	
Floor Scales Crane Scales Class III <sup>o</sup>	200 lb to 500 lb	$(5.48 \times 10^{-2} + 1.24 \times 10^{-4}Wt)$ lb	
	500 lb to 2 000 lb	$(1.54 \times 10^{-1} + 1.55 \times 10^{-4}Wt)$ lb	
	2 000 lb to 5 000 lb	$(4.9 \times 10^{-1} + 1.78 \times 10^{-4}Wt)$ lb	
Floor Scales Crane Scales Lift Truck Scales Forklift Scales Livestock Scales Vehicle Scales Axle Load Scales Tank/Hopper Scales Class III <sup>o</sup>	5 000 lb to 10 000 lb	$(1.033 + 2.52 \times 10^{-4}Wt)$ lb	
	10 000 lb to 20 000 lb	$(5.686 + 4.2 \times 10^{-5}Wt)$ lb	
	20 000 lb to 50 000 lb	$(11.415 + 3.4 \times 10^{-5}Wt)$ lb	
	50 000 lb to 100 000 lb	$(22.753 + 3.5 \times 10^{-5}Wt)$ lb	
	100 000 lb to 200 000 lb	$(22.866 + 3.0 \times 10^{-5}Wt)$ lb	
Wheel Load Scales Portable Axle Weighers <sup>o</sup>	1 000 lb to 60 000 lb	$(23.078 + 9.0 \times 10^{-6}Wt)$ 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.



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

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 testing of the indicated parameter at its fixed location. Example: Outside Micrometer<sup>F</sup> would mean that the laboratory performs this testing at its fixed location.
4. The term Wt represents weight in pounds or grams (including SI multiple and submultiple units) appropriate to the uncertainty statement

