



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

**Tri State Scale Systems, Inc.
191 Ontario Street
Frankfort, IL 60423**

(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 and Electrical Simulation Measuring Equipment
(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)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

<i>Initial Accreditation Date:</i>	<i>Issue Date:</i>	<i>Revision Date:</i>	<i>Expiration Date:</i>
June 07, 2005	September 21, 2009	December 17, 2010	September 20, 2011

<i>Accreditation No:</i>	<i>Certificate No:</i>	<i>Page No:</i>
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Certificate of Accreditation: Supplement

Tri State Scale Systems, Inc.
191 Ontario Street
Frankfort, IL 60423

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

Mass, Force, and Weighing Devices

MEASURED QUANTITY, INSTRUMENT, OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	BEST MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	REMARKS
Laboratory Balances	5 mg to 5 kg Res = 10 μ g	$(1.16 \times 10^{-3} + 1.16 \times 10^{-4} \text{ Wt}) \text{ g}$	Class 2 Weight
	20 g to 50 000 g Res = 5 g	$(5.78 + 2.20 \times 10^{-3} \text{ Wt}) \text{ g}$	Class 4 Weights
Bench, Platform and Floor Scales	5 lb to 300 lb Res 0.01 lb	$(1.15 + 4.78 \times 10^{-5} \text{ Wt}) \text{ lb}$	Class F Weights
	5 lb to 1 000 lb Res = 0.1 lb	$(1.16 \times 10^{-1} + 4.78 \times 10^{-5} \text{ Wt}) \text{ lb}$	
	5 lb to 10,000 lb Res = 1 lb	$(1.15 + 4.78 \times 10^{-5} \text{ Wt}) \text{ lb}$	
	10 lb to 20,000 lb Res = 1 lb	$(2.31 + 4.78 \times 10^{-5} \text{ Wt}) \text{ lb}$	
Truck, RR Track, Lift & Tank & Hopper	100 lb to 200 000 lb Res = 20 lb	$(23.05 + 4.81 \times 10^{-5} \text{ Wt}) \text{ lb}$	
	200 lb to 500 000 lb Res = 50 lb	$(57.69 + 4.79 \times 10^{-5} \text{ Wt}) \text{ lb}$	

Electrical

MEASURED QUANTITY, INSTRUMENT, OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	BEST MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	REMARKS
Temperature Calibration Indication and Control Equipment used with Thermocouple Type E	-230 °C to 999 °C	0.65 °C	Electrical Simulation of Thermocouple Output Omega CL-27
Temperature Calibration I Indication and Control Equipment used with Thermocouple Type J	-210 °C to 760 °C	0.45 °C	
Temperature Calibration Indication and Control Equipment used with Thermocouple Type K	200 °C to 1 371 °C	0.45 °C	
Temperature Calibration Indication and Control Equipment used with RTD 100 Ω Pt 385	-200 °C to 849 °C	0.46 °C	Electrical Simulation of RTD Output Omega CL-27



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Temperature Calibration Indication and Control Equipment used with Thermocouple Type E	-230 °C to 999 °C	0.65 °C	Electrical Simulation of Thermocouple Output Omega CL-27

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.