

PERRY JOHNSON ACCREDITATION, INC.

Certificate of Accreditation

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

***Carolina Scales Inc.
929 North Lucas St.
West Columbia, SC 29169***

(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-FLAC-IAF Communiqué dated January 2009):

***Calibration of Balances, Scales and Other Weighing Devices
(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)
26555 Evergreen, Suite 1325
Southfield, Michigan 48076

Initial Accreditation Date:

August 20, 2005

Issue Date:

August 12, 2009

Expiration Date:

August 11, 2011

Accreditation No.

59360

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L09-75

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Certificate of Accreditation: Supplement

Carolina Scales Inc.
929 North Lucas St.
West Columbia, SC 29169

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

Mass, Force, and Weighing Devices

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	BEST MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	REMARKS
Laboratory Balances	100 mg to 2 kg	$(0.12 + 7.20 \times 10^{-5} \text{ wt}) \text{ g}$ $r = 5 \text{ mg}$	Class F, SI Weights
Bench Scales	0.02 lb to 300 lb	$(0.12 + 1.7 \times 10^{-5} \text{ wt}) \text{ lb}$ $r = 0.1 \text{ lb}$	Class F Weights
Floor Scales	301 lb to 10 000 lb	1 lb $r = 0.5 \text{ lb}$	Class F Weights
Hopper Scales	1 lb to 5 000 lb	$(0.116 + 1 \times 10^{-4} \text{ wt}) \text{ lb}$ $r = 1.0 \text{ lb}$	Class F Weights
Truck Scales	1 000 lb to 200 000 lb	$(23.08 + 4.8 \times 10^{-5} \text{ wt}) \text{ lb}$ $r = 20 \text{ lb}$	Class F Weights
Rail Scales	1 000 lb to 340 000 lb	$(57.7 + 3.6 \times 10^{-5} \text{ wt}) \text{ lb}$ $r = 50 \text{ lb}$	Class F Weights
		$(115.46 + 2.0 \times 10^{-5} \text{ wt}) \text{ lb}$ $r = 100 \text{ lb}$	

1. Best uncertainties represent expanded uncertainties at approximately the 95% confidence level using a coverage factor $k = 2$.
2. 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.
3. The term wt represents weight in units appropriate to the uncertainty statement.
4. The term r represents the resolution to which the best measurement capability was computed.
5. All uncertainties computed from range uncertainty statement in the scope should be rounded to two significant digits.