



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

**Champion Scale Ltd.
3849 South Broadway
St. Louis, MO 63118**

(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)**

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:
November 19, 2009

Accreditation No.:
66140

Issue Date:
November 19, 2009

Certificate No.:
L09-116

Expiration Date:
November 18, 2011

Page No.:
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Certificate of Accreditation: Supplement

Champion Scale Ltd.
3849 South Broadway
St. Louis, MO 63118

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
Balances	0.001 g to 210 g	$(1.2 \times 10^{-2} + 2.7 \times 10^{-3}Wt)mg$	Class 1 Weights
	200 g to 8 000 g	$(1.2 \times 10^{-3} + 3.6 \times 10^{-5}Wt)g$	
	8 000 g to 20 000 g	$(1.2 \times 10^{-1} + 8.4 \times 10^{-6}Wt)g$	
	20 000 g to 65 000 g	$(4.0 \times 10^{-1} + 8.1 \times 10^{-5}Wt)g$	Class 4 Weights
Scales	0.002 lbs to 300 lbs	$(1.2 \times 10^{-4} + 1.4 \times 10^{-4}Wt)lb$	Class F Weights
	301 lbs to 3 000 lbs	$(2.4 \times 10^{-2} + 1.5 \times 10^{-4}Wt)lb$	
	3 001 lbs to 40 000 lbs	$(2.4 \times 10^{-1} + 1.2 \times 10^{-4}Wt)lb$	
	40 001 lbs to 200 000 lbs	$(2.4 + 1.6 \times 10^{-3}Wt)lb$	
	0.001 kg to 150 kg	$(1.2 \times 10^{-3} + 1.3 \times 10^{-4}Wt)kg$	
	151 kg to 1 500 kg	$(1.2 \times 10^{-2} + 6.3 \times 10^{-4}Wt)kg$	
	1 501 kg to 20 000 kg	$(1.2 \times 10^{-1} + 6.3 \times 10^{-3}Wt)kg$	
Vehicle Scales	10 000 lbs to 200 000 lbs	$(10.4 + 1.2 \times 10^{-3}Wt)lb$	Class F Weights
	200 000 lbs to 400 000lbs	$(20.5 + 2.7 \times 10^{-3}Wt)lb$	
Crane Scales	1 000 lbs to 10 000 lbs	$(5.5 \times 10^{-1} + 2.8 \times 10^{-4}Wt)lb$	Class F Weights
	10 001 lbs to 20 000 lbs	$(3.1 + 2.6 \times 10^{-4}Wt)lb$	
	20 001 lbs to 70 000 lbs	$(7.4 + 8.5 \times 10^{-4}Wt)lb$	
Force Gauges	1 lb to 200 lbs	$(8.1 \times 10^{-2} + 1.3 \times 10^{-3}Wt)lb$	Class F Weights
Weights	0.000 1 g to 200 g	$(1.7 \times 10^{-4} + 2 \times 10^{-7}Wt)g$	Class 1, Class 4, Class F Weights
	200 g to 6 000 g	$(2.0 \times 10^{-2} + 2 \times 10^{-7}Wt)g$	
	6 000 g to 32 000 g	$(2.6 \times 10^{-1} + 7 \times 10^{-7}Wt)g$	
	50 lbs to 10 000 lbs	$(-7.6 \times 10^{-2} + 1.9 \times 10^{-3}Wt)lb$	

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 submultiple units) appropriate to the uncertainty statement.