PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Scale South, Inc.
313 Commerce Drive
Martinez, GA 30907

(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 Industrial and Laboratory Weighing Systems
(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:

K Tracy Szerszen
President/Operations Manager

The validity of this certificate is mandated through ongoing surveillance.

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
July 15, 2003	May 10, 2011	May 09, 2013
Accreditation No:	*Certificate No:*	*Page No:*
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Certificate of Accreditation: Supplement

Scale South, Inc.
313 Commerce Drive
Martinez, GA 30907

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)	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Analytical Balances	1 mg to 320 g (Res. = 0.1 mg)	0.24 mg	Class 1 Weights ASTM
Top Load Balances	0.05 g to 20 kg (Res. = 0.01 g)	$(1.16 \times 10^{-2} + 1.15 \times 10^{-5}\text{Wt})$ kg	Class F Weights NIST Handbook 44
Bench Scales	0.05 kg to 30 kg (Res. = 0.01 kg)	$(1.16 \times 10^{-2} + 1.70 \times 10^{-5}\text{Wt})$ kg	
	0.2 kg to 150 kg (Res. = 0.05 kg)	$(5.78 \times 10^{-2} + 1.70 \times 10^{-5}\text{Wt})$ kg	
Floor Scales	1 kg to 907.185 kg (Res. = 0.2 kg) [(2 lb to 2 000 lb)] [(Res. = 0.5 lb)]	$(2.31 \times 10^{-1} + 1.06 \times 10^{-4}\text{Wt})$ kg [$(5.77 \times 10^{-1} + 2.23 \times 10^{-5}\text{Wt})$ lb]	
	2 kg to 2 267.962 kg (Res. = 0.5 kg) [(2 lb to 5 000 lb)] [(Res. = 0.5 lb)]	$(5.77 \times 10^{-1} + 2.50 \times 10^{-5}\text{Wt})$ kg [$(5.77 \times 10^{-1} + 4.78 \times 10^{-5}\text{Wt})$lb]	
	4 kg to 4 535.924 kg (Res. = 1 kg) [(8 lb to 10 000 lb)] [(Res. = 2 lb)]	$(1.154\ 7 + 2.50 \times 10^{-5}\text{Wt})$ kg [$(2.309\ 2 + 2.73 \times 10^{-5}\text{Wt})$ lb]	
	8 kg to 9 071.847 kg (Res. = 2 kg) [(20 lb to 20 000 lb)] [(Res. = 5 lb)]	$(2.309\ 3 + 2.51 \times 10^{-5}\text{Wt})$ kg [$(5.773\ 1 + 2.23 \times 10^{-5}\text{Wt})$ lb]	
Tank and Hopper Scales	20 kg to 27 215 kg (Res. = 5 kg) [(40 lb to 60 000 lb)] [(Res. = 10 lb)]	$(5.773\ 6 + 2.94 \times 10^{-5}\text{Wt})$ kg [$(11.545\ 8 + 3.20 \times 10^{-5}\text{Wt})$ lb]	
	80 kg to 158 757.3 kg (Res. = 20 kg) [(200 lb to 350 000 lb)] [(Res. = 50 lb)]	$(23.082\ 2 + 1.48 \times 10^{-4}\text{Wt})$ kg [$(57.707\ 4 + 1.38 \times 10^{-4}\text{Wt})$ lb]	
Truck Scales	40 kg to 90 718.474 kg (Res. = 10 kg) [(80 lb to 200 000 lb)] [(Res. = 20 lb)]	$(11.545\ 3 + 4.46 \times 10^{-5}\text{Wt})$ kg [$(23.090\ 2 + 4.78 \times 10^{-5}\text{Wt})$ lb]	

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Wheel Load Weigher	80 kg to 9 080 kg (Res. = 20 kg) [(200 lb to 20 000 lb)] [(Res. = 50 lb)]	23.117 8 kg (57.781 3 lb)	Class F Weights NIST Handbook 44
Rail Scales	80 kg to 181 436.948 kg (Res. = 20 kg) [(200 lb to 400 000 lb)] [(Res. = 50 lb)]	(23.090 5 + 4.46 x 10^{-5}Wt) kg [(57.727 + 4.05 x 10^{-5}Wt) lb]	

1. The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represent the smallest measurement uncertainties attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is 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 term Wt represents weight in pounds or grams (including SI multiple and submultiple units) appropriate to the uncertainty statement.