



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Weighing/Load Receiving Element
Platform, Load Cell Electronic
Model: 3800LP
 n_{max} : 5 000
 e_{min} : 0.02 lb to 0.2 lb (0.01 kg to 0.1 kg)
Capacity: 100 lb to 1000 lb (50 kg to 500 kg)
Platform: 12" x 12" to 24" x 24" *
Accuracy Class: III

Submitted By:

Brecknell
1000 Armstrong Drive
Fairmont, MN 56031
Tel: 800-637-0529
Fax: 507-238-8258
Contact: Jerome Lager
Email: jlager@awtxglobal.com
Web site: www.salterbrecknell.com

Standard Features and Options

***Platform Area:** The scales may have platform areas up to but not larger than that evaluated, with lengths or widths no greater than 125 percent of either dimension tested.

Construction:

- Painted Steel Frame, Stainless Steel Platter

Load Cell Used:

- Single Point, Locosc Model LP7160-100kg and LP7162-750kg (non-NTEP)

Option:

- Attached Column for Mounting an Indicating Element

Temperature Range: -10 °C to 40 °C (14 °F to 104 °F)

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of "NIST Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

John Gacione
Chairman, NCWM, Inc.

Stephen Benjamin
Chairman, National Type Evaluation Program Committee
Issued: January 31, 2014

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

The National Conference on Weights and Measures (NCWM) does not approve, recommend or endorse any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product or material by the NCWM.



Brecknell

Weighing/Load Receiving Element/ 3800LP

Application: For use in general purpose weighing with approved and compatible indicator.

Identification: The required ID information is on a tamper evident label which is attached to the base of the weighing element.

Sealing: The load receiving element has no adjustable metrological adjustments that require the use of a security seal. Calibration and configuration of the scale are conducted through the indicator which must be sealed as stated in its own Certificate of Conformance.

Operation: Use of scale shall be in such a manner as to conform to the manufacturer specifications and NIST Handbook 44, which includes reasonable testing access of the scale for proper testing procedures.

Test Conditions: This certificate is issued based upon the following tests and upon information provided by the manufacturer. The emphasis of the evaluation was on the device design, operation, performance, and marking requirements of the weighing element. A Model 3800LP, 100lb, 12" x 12" weighing element and a 1000 lb, 24" x 24" weighing element were evaluated in the laboratory using a Locosc LP7510A (NTEP CC 09-070A1) indicator. Several increasing/decreasing load tests and shift tests were performed as well as discrimination and time dependence tests. A load equal to half the scale capacity was applied to the scales over 100 000 times. Then the devices were tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F).

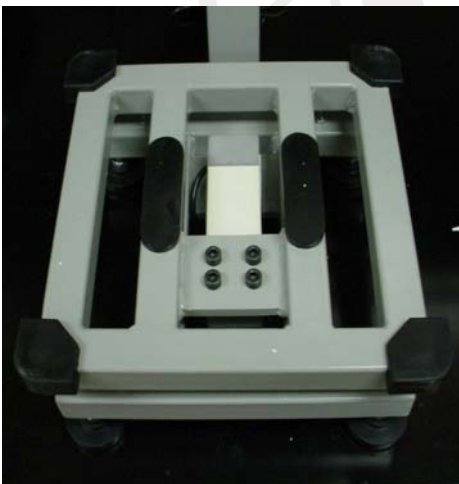
Evaluated By: E. A. Payne, Jr. (MD)

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2014. NCWM, Publication 14: Weighing Devices, 2013.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: J. Truex (NCWM)

Example of Device:



Model 3800LP 100 lb scale without Stainless Steel Platter



Model 3800LP 1000 lb scale without Stainless Steel Platter