



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Weighing/Load Receiving Element  
Counter/Bench, Load Cell Electronic  
Model: CKW<sub>xy</sub> Series  
 $n_{max}$ : 3 000  
 $e_{min}$ : 0.001 kg / 0.002 lb (see below)  
Capacity: 3 kg to 30 kg (6 lb to 60 lb) (see below)  
Platform: 10" x 10" to 12" x 12"  
Accuracy Class: III

**\*Submitted By: Contact Info. Updated: December 2010**

Ohaus Corporation  
7 Campus Drive, Suite 310  
Parsippany, NJ 07054  
Tel: 973-377-9000  
Fax: 973-944-7177  
Contact: Robert Hansen  
Email: [bob.hansen@ohaus.com](mailto:bob.hansen@ohaus.com)  
Web site: [www.ohaus.com](http://www.ohaus.com)

**Standard Features and Options**

\*The specific model designation for the CKW Series covered by this certificate is CKW<sub>xy</sub> where xx represents the scale capacity in kilograms and y represents the platform size R=10"x10" and L=12"x12".

**Standard Features:**

- Frame: Stainless Steel
- Platform Material: Stainless Steel
- Leveling: Platforms Have a Level Indicator and Leveling Feet

**Capacity:**

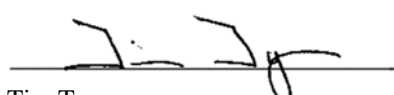
- 3 kg x 0.001 kg to 30 kg x 0.01 kg (6 lb x 0.002 lb to 60 lb x 0.02 lb)

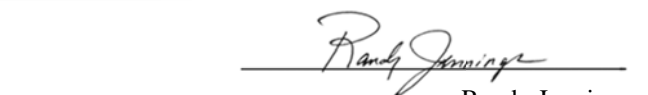
**Load Cell Used:**

- Mettler Toledo SSP1022 and Mettler Toledo SSP1241 (non NTEP cells)

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. \*Editorial changes, not affecting the type or metrological content, corrected this certificate.

  
Tim Tyson  
Chairman, NCWM, Inc.

  
Randy Jennings  
Chairman, National Type Evaluation Program Committee  
Issued: December 22, 2010

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

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## Ohaus Corporation

### Weighing/Load Receiving Element / CKWxy Series

**Application:** For use in general purpose weighing when interfaced with a compatible and certified electronic indicating element.

**Identification:** The required information is on an approved label located on the base of the weighing element.

**Sealing:** There are no sealable parameters located on the load receiving element. The scale calibration and set-up parameters are sealed through the indicating element.

**Test Conditions:** The emphasis of the evaluation was on the device design, marking, performance and compliance with influence factor requirements. Two weighing elements, a CKW3R 3 kg x 0.001(6 lb x 0.002) and a CKW30L 30 kg x 0.01 kg (60 lb x 0.02 lb), were evaluated in the laboratory using Ohaus CD-31 (NTEP CC 99-071) Indicating Elements. Several increasing/decreasing load and shift tests were performed. A load of 15 kg was applied to the scales over 100,000 times. Scales were evaluated periodically during this test. The devices were tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F).

**Evaluated By:** W. West, T. Lucas, and T. Buck (OH)

**Type Evaluation Criteria Used:** NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2006. NCWM, Publication 14: Weighing Devices, 2006.

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

**Information Reviewed By:** S. Patoray (NCWM), L. Bernetch (NCWM)