



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Weighing/Load Receiving Element  
Load Cell Electronic  
Models: VX2500L and VX5000L  
 $n_{max}$ : 5 000  
 $e_{min}$ : 1.0 lb (0.5 kg)  
Capacity: 2 500 to 5 000 lb (1 250 to 2 500 kg)  
Platform: 36" x 36" to 48" x 48"  
Accuracy Class: III

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

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**Standard Features and Options**

**Construction:**

- Painted Mild Steel

**Options:**

- Detachable Ramps and Locating Plates

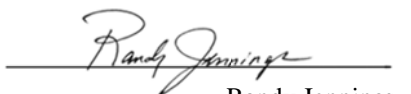
**Load Cells Used:**

- Four Mettler Toledo Model 713 (Certificate of Conformance number 97- 072) or metrologically equivalent

Temperature Range: 10 °C to 40 °C (50 °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 28, 2010

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## Ohaus Corporation

Weighing/Load Receiving Element / VX2500L and VX5000L

**Application:** For use in general purpose weighing applications when interfaced with a NTEP approved and compatible indicating element.

**Identification:** The required information appears on a metal badge attached to the side of the floor scale.

**Sealing:** The floor scale weighing element is secured by a wire seal through 2 two tabs to secure the cover to the base of the junction box. The indicator is sealed according to the manufacturer's instructions for the particular indicator used.

**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 device design, marking and operation. A 5 000 x 1 lb, 48 in x 48 in model VX5000L weighing element interfaced with the Mettler-Toledo Lynx Indicator (Certificate of Conformance Number 95-085) was submitted for evaluation. Several increasing/decreasing load and shift tests were performed. The scale was used for a period of more than 20 days with the criteria of Publication 14 for permanence tests of floor scales being met. The scale was again tested to the same procedure as the initial test.

**Evaluated By:** W. West (OH), T. Lucas (OH), A. McCoy (OH)

**Type Evaluation Criteria Used:** NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2002. NCWM, Publication 14: Weighing Devices, 2002.

**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:



Method of Sealing (J-Box)  
Wire and Wire Crimp Seal (2 places)