



NATIONAL TYPE EVALUATION PROGRAM

*Certificate of Conformance*  
*for Weighing and Measuring Devices*

**For:**

Weighing/Load Receiving Element  
Load Cell Electronic  
Model: PT-M Series  
 $n_{max}$ : 5000  
 $e_{min}$ : 0.5 lb (0.2 kg) 1 lb(0.5 kg)  
Capacity: 2500 lb (1000 kg) 5000 lb (2500 kg)  
Platform: 47 ¼ in x 47 ¼ in  
Accuracy Class: III

**Submitted By:**

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**Standard Features and Options**

**Capacities:**

- 2000 to 5000 lb (1000 to 2500 kg)

**Optional Sizes:**

- Platform Sizes are Not to Exceed 125% of Either Dimension Tested (47 ¼ in x 47 ¼ in)

**Construction:**

- PaintedSteel

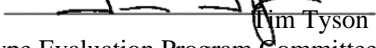
**Load cells used:**

- MFG: Zemic, Model: H8C series, NTEP CC 07-012 or other NTEP certified and compatible load cells

TemperatureRange: -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.

  
Kurt Floren  
Chairman, NCWM, Inc.

  
Jim Tyson  
Chairman, National Type Evaluation Program Committee  
Issued: February 29, 2012

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**Adam Equipment, Inc.**

Weighing/Load Receiving Element / PT-M Series

**Application:** For general purpose weighing applications when interfaced with an NTEP certified and compatible indicating element.

**Identification:** The required information is on an adhesive badge located near to the J-Box top plate.

**Sealing:** The load cell junction box can be sealed by a wire security seal threaded through two (2) drilled head screws which secures the cover. All calibrations and setup functions are performed through the indicator, and can be sealed according to the particular indicator used.

**Test Conditions:** The emphasis of the evaluation was on marking requirements, device design and performance. A 2500 lb capacity 47 ¼ inch x 47 ¼ inch weighing element was evaluated. Several increasing/decreasing load, shift and corner tests were conducted. After the field permanence test requirements were met, the weighing element was retested with two increasing/decreasing load, shift, and corner tests.

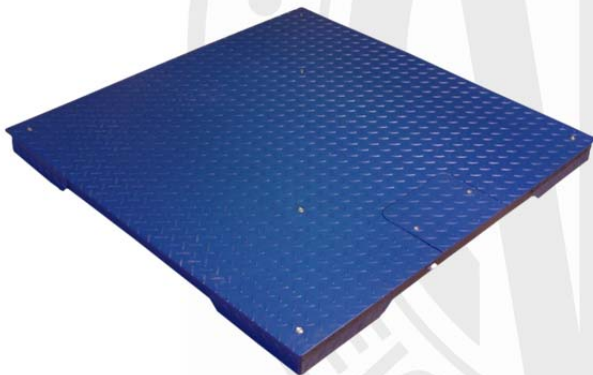
**Evaluated By:** M. Kelley (OH)

**Type Evaluation Criteria Used:** NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2012. NCWM, Publication 14: Weighing Devices, 2011.

**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 PT-M Series