



## NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Weighing/Load Receiving Element  
Load Cell Electronic  
Models: PS7000 Series  
 $n_{\max}$ : 5 000  
 $e_{\min}$ : 1 lb  
Capacity: 2500 to 10 000 lb  
Platform: 2 ft x 2 ft to 5 ft x 7 ft (see below)  
Accuracy Class: III

**Submitted By:**

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**Standard Features and Options****Platform Area:**

- Device evaluated 2 x 2 ft and 5 x 7 ft. 35 square feet maximum. Areas up to but not larger than that evaluated at each capacity, with lengths or widths no greater than 125% of either dimension evaluated.

**Options:**

- Forklift channels; utility ramps; side rails; pit frames; wheels; stands

**Platform Construction:**


- Smooth or diamond plate steel deck. Carbon powder coated or stainless steel.

**Load Cell Used:**


- Load Cells used are Locosc Precision Technology Model LP7110Y (1 000 lb to 5 000 lb capacity), Single-ended shear beam (NTEP CC 10-058), or NTEP certified and metrologically equivalent.

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.



Kurt Floren  
Chairman, NCWM, Inc.



Jim Tyson  
Chairman, National Type Evaluation Program Committee  
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## Pinnacle Scale, LLC

Weighing/Load Receiving Element / PS7000 Series

**Application:** General purpose weighing/load receiving element when connected to a certified and compatible indicating element.

**Identification:** An identification plate is mounted on the side of the weighing element.

**Sealing:** Access to the load cell junction box can be sealed with a wire security seal.

**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 design, performance, and marking requirements of the weighing element. A 2500 lb 2 x 2 ft and a 10 000 lb 5 x 7 ft weighing element were evaluated at the manufacturer's assigned location. The weighing elements were interfaced with a Locosc Precision Technology weighing indicator (Model LP7510A, NTEP CC 09-070A1). Several increasing/decreasing load tests and corner shift tests were conducted using certified weights during the initial evaluation. After conducting the initial evaluation, appropriate permanence criteria was met, after which the device was subjected to the same tests conducted during the initial evaluation.

**Evaluated By:** T. Davis (KS)

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

**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)

**Examples of Device:**

