



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Floor Scale Weighing Element
Load Cell Electronic
Model: 6400
 n_{max} : 5000; e_{min} : 0.05 lb to 0.2 lb
Capacity: 250 lb to 1000 lb
Platform: 18" x 18", 18" x 24", or 24" x 24"

Accuracy Class: III

***Submitted By: Contact Info. Updated December 2019**

Pennsylvania Scale Company
665 N Reservoir Street
Lancaster, PA 17602
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Standard Features and Options

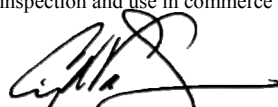
Specific capacities: 1000 lb x 0.2 lb
500 lb x 0.1 lb
250 lb x 0.05 lb

Option: Mild steel or stainless steel construction

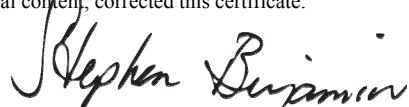
Load cells used:

<u>Manufacturer</u>	<u>Model</u>	<u>Certificate of Conformance Number</u>
Tedea Huntleigh	1250 Series (single cell)	89-054A1
Tedea Huntleigh	1260 Series (single cell)	96-064

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.



Craig VanBuren
Chairman, NCWM, Inc.



Stephen Benjamin
Committee Chair, NTEP Committee
Issued: October 15, 1998

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Pennsylvania Scale Company
Floor Scale Weighing Element / 6400

Application: For use in general purpose weighing applications when interfaced with approved and compatible indicating elements.

Identification: An identification badge is riveted to the side of the weighing element.

Sealing: The weighing element has no sealable parameters that require the use of a security seal. The weighing element is connected to a separable indicating element with a single load cell cable. The complete weighing system can be calibrated and sealed at the indicating element with a sealing method described in the Certificate of Conformance for the indicator used.

Test Conditions: This Certificate supersedes Certificate of Conformance Number 90-161A1 and is issued without additional testing, based on information provided by the manufacturer, to include an optional Teda Huntleigh Model 1260 load cell. Previous test conditions are listed below for reference.

Certificate of Conformance Number 90-161A1: This Certificate superseded Certificate of Conformance Number 90-161 and was issued without additional testing to include an optional 18" x 18" scale platform.

Certificate of Conformance Number 90-161: The emphasis of the evaluation was on the device design, marking, and compliance with influence factor requirements. Two scales in the family were interfaced with approved indicators. Several increasing/decreasing load and shift tests were performed. The scales were tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). A load of approximately one-half scale capacity was applied to the scales more than 100 000 times. The scales were tested periodically during this time.

The results of the evaluations and information provided by the manufacturer indicate the device comply with the applicable requirements specified in Handbook 44.

Type Evaluation Criteria Used: NIST Handbook 44, 1997 Edition

Tested By: B. Badenhop (OH) and J. Truex (OH) 90-161

Information Reviewed By: Thomas M. Ahrens (NIST) 90-161A1; R. Suiter (NIST) 90-161A2