

***National Type Evaluation Program
Certificate of Conformance
for Weighing and Measuring Devices***

For:

Indicating Element
Digital Electronic
Model: AD-4328
 n_{\max} : 10,000

Accuracy Class: III

Submitted by:

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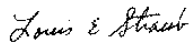
Standard Features and Options

Automatic zero setting mechanism (AZSM)
Gross/net indicators
Pound/kg conversion
RS-232 communication
Semi-automatic (push-button) tare
Semi-automatic (push-button) zero

Temperature Range: -10 °C to 40 °C (14 °F to 104 °F)

This device was evaluated under the National Type Evaluation Program (NTEP) and was found to comply with the applicable technical requirements of 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.

Effective Date: May 19, 1999



Louis E. Straub
Chairman, NCWM, Inc.



G. Weston Diggs
Chairman, National Type Evaluation Program Committee

Issue date: August 3, 1999

Note: The National Conference on Weights and Measures does not "approve", "recommend", or "endorse" any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product or material by the NCWM.

This is a reissuance by the NCWM of a Certificate of Conformance already issued by the National Institute of Standards and Technology.

**A and D Engineering
Indicating Element
Model: AD-4328**

Application: For use as a general purpose indicating element when interfaced with an approved and compatible weighing element.

Identification: The identification plate is located on the side panel of the indicator.

Sealing: The calibration mode can be accessed by removing two screws on the front plate of the device and by pushing the “CAL” button. Undetected access is prevented by threading a wire through the nearest screw and the sealing tab along the front edge of the device.

Access to the load cells is through the rear panel by removing the seal from the drill head screw at pin #7 of the load cell connector.

Test Conditions: The emphasis of the evaluation was on device design, operation, and compliance with influence factor requirements. The Model AD-4328 was interfaced with a load cell simulator and tested over a temperature range of -10°C to 40°C . In addition, the device was tested with a supply voltage of 110 VAC and 130 VAC.

The results of the evaluation indicate the device complies with applicable requirements of NIST Handbook 44.

Type Evaluation Criteria Used: NIST Handbook 44, 1999 Edition

Tested By: R. Delcourt (CD)

Information Reviewed By: J. Williams (NIST) and G. Newrock (NIST)