NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Non-Computing Scale
Bench and Counter Scale, Digital Electronic
Models: FD3, FD6 and FD15
n_{max}: 3 000
e_{min}: 0.002 lb (0.001 kg), 0.005 lb (0.002 kg), 0.01 lb (0.005 kg)
Capacity: 6 lb to 30 lb (3 kg to 15 kg)
Platform: 8.2" x 8.2"
Accuracy Class: III

***Submitted By: Contact Info. Updated: December 2010**
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Standard Features and Options

Standard Features:

- Semi-automatic (push-button) Zero Setting Mechanism
- Automatic (AZSM) Zero Setting Mechanism
- Initial Zero Setting Mechanism (IZSM)
- Semi-automatic (push-button) Tare
- Gross/Net Display
- Liquid (LCD) crystal display
- AC/DC Adapter
- Battery Power Supply
- Battery Saving Feature (auto shut-off)
- Kilogram / Gram / Pound / Ounce Conversion

Option:

- Foot Switch

Load Cell Used:

- Mettler Toledo (non-NTEP)

Model Number	Capacity
AMI-5	5 kg
AMI-6.5	6.5 kg
AMI-11	11 kg
AMI-15	15 kg
AMI-22	22 kg
AMI-30	30 kg

Temperature Range: -10 ºC to 40 ºC (14 ºF to 104 ºF)

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

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Ohaus Corporation

Non-Computing Scale / FD3, FD6 and FD15

Application: For use in general purpose weighing applications.

Identification: The required information appears on a foil badge located on the side of the scale.

Sealing: The device is sealed by a wire security seal on the bottom of the housing. Two drilled head screws are used to secure the calibration switch cover plate. A third drilled head screw is used to secure the top cover to the bottom cover. The wire security seal is inserted through the three drilled head screws. Before sealing the device, the LFT (legal for trade) menu item must be set to ON in the menu mode, followed by setting the calibration switch to the ON position. To verify that the LFT menu item and calibration switch are set to ON, turn the scale off and back on. "LFTOn" is displayed during power up.

Test Conditions: This Certificate of Conformance supersedes Certificate of Conformance number 05-072 and is issued to include additional AMI load cell models in the Standard Features and Options box. Model FD3 (3 kg x 0.001 kg) was submitted for evaluation. Several increasing/decreasing and shift tests were performed. The scale was tested over a temperature range of 0 °C to 40 °C (32 °F to 104 °F). A load of approximately one-half capacity was applied to the scale over 100 000 times. The scale was tested periodically during this time. Previous tests results are listed below for reference.

Certificate of Conformance Number 05-072: The emphasis of the evaluation was on the device design, marking requirements, performance, and compliance with influence factors. For the purpose of this evaluation, two models of this series were submitted: 6 lb x 0.002 lb and 30 lb x 0.01 lb. Several increasing/decreasing load and shift tests were conducted. The scales were tested over a temperature range of 0 °C to 40 °C (32 °F to 104 °F). A load of approximately one-half capacity was applied to each scale over 100 000 times. The scales were tested periodically over this time. Tests were conducted using 100 VAC and 130 VAC, and 5.2 to 10.5 volt DC power supplies

Evaluated By: A. McCoy (OH) 05-072; T. Lucas (OH), T. Buck (OH) 05-072A1

Type Evaluation Criteria Used: NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices, 2008. NCWM, Publication 14: Weighing Devices, 2005.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: S. Patoray (NCWM), L. Bernetich (NCWM) 05-072; J. Truex (NCWM) 05-072A1

Example of Device: