



## NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Crane Scale  
Digital Electronic  
Model: 4300  
 $n_{max}$ : 5,000  
Capacity: 5,000 x 1 lb.  
Accuracy Class: III L

**\*Submitted By: Contact Info. Updated October 2021**

Measurement Systems International (MSI)  
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**Standard Features and Options**

- Liquid crystal display
- Semi-automatic zero
- Keyboard tare
- Push-button tare
- Gross/net display
- Automatic zero setting mechanism
- Stored tare capability
- Battery operated (12 VDC)
- Option: Remote Control

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.

Stephen Benjamin  
Chairman, NCWM, Inc.

Kurt Floren  
Committee Chair, National Type Evaluation Program Committee

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**Measurement Systems International (MSI)**

Crane Scale / 4300

**Application:** General purpose weighing.

**Identification:** The identification badge is located on top of the device.

**Sealing:** A threaded plug on the right side of the device prevents access to the calibration switch inside and may be sealed with a wire security seal.

**Test Conditions:** The emphasis of this evaluation was on device design, operation, and marking. Two increasing and decreasing load tests up to 5,000 lb were conducted in the laboratory. The scale was tested for accuracy over a temperature range of -10 to 40 °C with a test load of 2,000 lb. The scale was sealed and used in a field location for approximately 60 days. The scale was returned to the lab and additional increasing and decreasing load tests up to 5,000 lb were conducted. Results of this evaluation, the influence factor test results conducted by this lab, and information submitted by the manufacturer indicate the device complies with applicable requirements.

**Evaluated By:** G. Castro (CA)

**Type Evaluation Criteria Used:** *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 1992 Edition. *NCWM Publication 14 Weighing Devices*, 1992 Edition.

**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)