



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Hanging Scale
Load Cell Electronic
Model: MSI-4260
 n_{max} : 2,000
Capacity: 2,000 lb
Accuracy Class: III

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

Measurement Systems International (MSI)
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Standard Features and Options

- Semi-automatic zero with motion detection
- Self-contained battery operation with a low battery indication
- Liquid crystal display
- Semi-automatic tare
- Stationary hook

Options:

- LED display
- Remote on, zero, tare for all scales capacities.

Other Capacity: 500 X 0.2 lb

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)**

Hanging Scale / MSI-4260

Application: For use as a heavy-duty hanging scale. Basically, the same design as the MSI-4260-01 family of crane scales.

Identification: A metal identification plate is riveted to the face of the scale above the display.

Sealing: On the right side of the device is a calibration access plug. A lead and wire seal should be threaded through the hole in the calibration access plug and a hole in the adjacent bolt that secures the right side of the casing.

Test Conditions: The emphasis of this evaluation was on the device design, operation, and compliance with influence factor requirements. Several increasing/decreasing load tests and shift tests were performed. The scale was tested in a chamber over a temperature range of -10 to 40 °C (14 to 104 °F). A load of approximately one-half scale capacity was applied to the scale 102,610 times. The scale was tested periodically during this time. The results of the evaluation indicate the scale complies with the applicable requirements.

Evaluated By: B. Badenhop & J. Truex

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 1989 Edition. *NCWM Publication 14 Weighing Devices*, 1989 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)