



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Crane Scale  
Digital Electronic  
Model: MSI-4260C, MSI-4260M, MSI-4260 IS  
 $n_{max}$ : see below  
Capacity: see below  
Accuracy Class: see below

**Submitted By:**

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**Standard Features and Options**

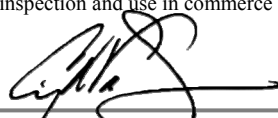
| Model       | Capacity                             | d                                       | $n_{max}$ | Accuracy Class |
|-------------|--------------------------------------|---|-----------|----------------|
| MSI-4260C   | 500 – 2000 lb<br>(250 – 1000 kg)     | 0.2, 0.5, 1 lb<br>(0.1, 0.2, 0.5 kg)    | 2500      | III            |
| MSI-4260M   | 500 – 2000 lb<br>(250 – 1000 kg)     | 0.2, 0.5, 1 lb<br>(0.1, 0.2, 0.5 kg)    | 2500      | III            |
| MSI-4260 IS | 500 – 2000 lb<br>(250 – 1000 kg)     | 0.2, 0.5, 1 lb<br>(0.1, 0.2, 0.5 kg)    | 2500      | III            |
| MSI-4260C   | 5000 – 70000 lb<br>(2500 – 35000 kg) | 1,2,5,10,20 lb<br>(0.5, 1, 2, 5, 10 kg) | 5000      | III L          |
| MSI-4260M   | 5000 – 70000 lb<br>(2500 – 35000 kg) | 1,2,5,10,20 lb<br>(0.5, 1, 2, 5, 10 kg) | 5000      | III L          |
| MSI-4260 IS | 5000 – 70000 lb<br>(2500 – 35000 kg) | 1,2,5,10,20 lb<br>(0.5, 1, 2, 5, 10 kg) | 5000      | III L          |

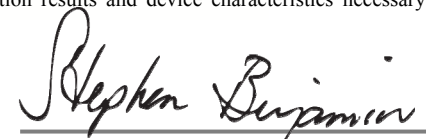
IS-Intrinsically safe, M-Marine, C-Third generation

**Features:**

- Automatic Zero Tracking (AZT)
- Semi-Automatic Zero (Push Button)
- Semi-Automatic Tare (Push Button)
- Integral Display
- Power Saving Feature (Sleep Mode & Auto Shut Off)
- Unit Conversion (lb / kg)
- DC Power / Battery, 4.5 to 14.5 VDC (C & M) and 10.5 to 14 VDC (IS)
- Remote Customer Display (C & M)
- Liquid Crystal Display (M)
- Light Emitting Diode Display (IS & C)
- Ethernet/Wireless (C & M)
- Remotely Calibrated or Configured (C & M)
- RS-232:/ USB (C & M)

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.

  
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Craig VanBuren  
Chairman, NCWM, Inc.

  
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Stephen Benjamin  
Committee Chair, NTEP Committee  
Issued: November 17, 2019

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## Rice Lake Weighing Systems Crane Scale / MSI Series

**Application:** General purpose Crane Scale.

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

**Sealing:** The scale is sealed with a lead-and-wire security seal on the side of the scale housing.

**Test Conditions:** The emphasis of the evaluation was on the device design, operation, and marking requirements. A Model MSI-4260 IS and a Model MSI-4260C were submitted for evaluation. Several increasing/ decreasing load and creep tests were performed. The device was tested over a temperature range of -10 C to 40 C (14 F to 104 F). The MSI-4260 IS was tested at 10.5 VDC and 15.4 VDC and the MSI-4260C was tested at 4.2 VDC to 16 VDC. Previous test conditions are listed on CC88-098 & CC89-090.

**Evaluated By:** M. Kelley (OH)

**Type Evaluation Criteria Used:** *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2019 Edition. *NCWM Publication 14 Measuring Devices*, 2019 Edition.

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

**Information Reviewed By:** D. Flocken (NCWM)

**Example(s) of Device:**

Model: MSI-4260 IS & MSI-4260C



Model: MSI-4260M

