



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, MSI-6360 and MSI-9600
 n_{max} : 5000
Capacity: see standard features and options section
Accuracy Class: III / III L

Submitted By:
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Standard Features and Options

Model	Capacity	d	n_{max}	Accuracy Class
MSI-4260C, MSI-4260M MSI-4260 IS	500 – 2000 lb (250 – 1000 kg)	0.2, 0.5, 1 lb (0.1, 0.2, 0.5 kg)	2500	III
MSI-4260C, MSI-4260M MSI-4260 IS	5000 – 70000 lb (2500 – 35000 kg)	1,2,5,10,20 lb (0.5, 1, 2, 5, 10 kg)	5000	III L
MSI-6360, MSI-9600	500 – 2000 lb (250 – 1000 kg)	0.2, 0.5, 1 lb (0.1, 0.2, 0.5 kg)	2500	III
MSI-6360, MSI-9600	5000 – 70000 lb (2500 – 35000 kg)	1,2,5,10,20 lb (0.5, 1, 2, 5, 10 kg)	5000	III L

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

- Automatic Zero Tracking (AZT)
- Semi-Automatic Tare (Push Button)
- Unit Conversion (lb / kg)
- DC Power / Battery, 4.5 to 14.5 VDC (10.5 to 14 VDC for MSI-4260 IS)
- Remotely Calibrated or Configured (except MSI-4260 IS)
- RS-232:/ USB (except MSI-4260 IS)
- Remote customer display (except MSI-4260 IS)
- Semi-Automatic Zero (Push Button)
- Integral Display (except MSI-6360)
- Power Saving Feature (Sleep Mode & Auto Shut Off)
- Liquid Crystal Display / Light Emitting Diode Display
- Ethernet/Wireless (except MSI-4260 IS)
- Category 1 physical seal

This device was evaluated under the National Type Evaluation Program 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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.

Mahesh Albuquerque
Chair, NCWM, Inc.

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Chair, NTEP Committee
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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: This Certificate supersedes Certificate of Conformance number 19-122 and is issued to add the models MSI-6360 and MSI-9600 to this certificate. Both models are added without additional testing. Previous test conditions are listed below for reference.

Certificate of Conformance 19-122: 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) 19-122; J. Gibson (OH) 16-122A1

Type Evaluation Criteria Used: *Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2022 Edition. *NCWM Publication 14: Weighing Devices*, 2022 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) 19-122, 19-122A1

Example(s) of Device:

Model: MSI-4260 IS & MSI-4260C

Model: MSI-4260M





Rice Lake Weighing Systems
Crane Scale / MSI Series

Model: MSI- 6360



Model: MSI-9600

