



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Digital Electronic
Model: WI400X
 n_{max} : 10 000
Accuracy Class: III / III L / IIII

Submitted By:

General Electrodynamics Corp.
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Standard Features and Options

- Tablet with key board
- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic (push button) Tare
- Semi-Automatic (push button) Zero Setting Mechanism
- DC Power/Battery
- AC Power (only used for charging)
- Gross/Net Display
- RS232 / add USB
- Multi- deck (Multi-channel) Capability
- Printer
- 7 Point Calibration, 2 channels

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.


Brett Gurney
Chairman, NCWM, Inc.


James Cassidy
Committee Chair, National Type Evaluation Program Committee
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General Electrodynamics Corp.
Indicating Element / WI400C

Application: General purpose indicating element used primarily for highway weight enforcement with NTEP certified and compatible weighing elements.

Identification: The required information appears on a self-destructive label on the indicator. The capacity x division statement is on the display of the tablet.

Sealing: This device uses a wire seal threaded through a screw heads on the enclosure which prevents removal of the covering eliminating access to calibration and configuration jumper.

Test Conditions: The emphasis of the evaluation was on the device design, operation, marking requirements, performance, and compliance with influence factors. A load cell simulator was interfaced to the device for performance test, several increasing/decreasing tests were performed. The device was tested over a temperature range of -10° C to 40° C (14° F to 104° F). Tests were conducted using 3.5 VDC and 8.1 VDC.

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 Weighing Devices*, 2018 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)

Examples of Device:

