



## NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Indicating Element  
Digital Electronic  
Models: HI 6501 Series  
nmax: 10 000  
Accuracy Class: III / III L

**Submitted By:**

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**Standard Features and Options****Model Suffixes:**

- WP – weight processor (110 sample rate)
- ANA – Analog output
- XP – weight processor (500 sample rate)
- XP – weight processor (500 sample rate)DC-DC power supply
- EIP – Ethernet IP communication
- PFN – PROFINET communication
- XP – weight processor (500 sample rate)

**Standard Features**

- Semi-automatic Tare (push-button)
- Gross/Net Display
- Keyboard Tare
- Alphanumeric Display
- Ethernet
- Printer
- units of measure: (g), (kg), (lb), (oz), (T), (t),
- Semi-automatic Zero (push-button)
- Automatic Zero Tracking (AZT)
- LCD Display
- Touch Screen
- Motion Detection
- Category 1 Physical Seal

**Options**

- AC Power (Optional)
- DC Power (Optional)
- 4-20mA (Optional)

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.

Marc Paquette  
Chair, NCWM, Inc.

Gene Robertson  
Chair, NTEP Committee  
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## Hardy Process Solutions Indicating Element / HI 6501 Series

**Application:** General purpose indicating element when connected to an NTEP-certified and compatible weighing/load-receiving element.

**Identification:** Identification and markings are listed on a self-adhesive tamper-evident label on the back of the device that reads void when peeled.

**Sealing:** The stainless-steel enclosure or “S” model is sealed with two screws with holes drilled through for applying a lead and wire seal, preventing access to a switch that allows access to calibration/configuration. The panel mount or “P” model is sealed using tamper-evident sticker seals preventing access to the configuration/calibration switch and from disassembly of the device to access the configuration/calibration switch.

**Test Conditions:** The emphasis of the evaluation was on device design, marking, operation, performance, and compliance with influence factors. The models selected for evaluation were S-XP-EIP-AC, S-XP-PFN-DC, and P-WP-ANA. Devices were tested in (g), (kg), (lb), (oz), (t), and (T) units of measure. Devices were tested in a voltage range of 85 vac to 264 vac and 9.5 vdc to 26.4 vdc. Multiple increasing/decreasing tests were performed along with susceptibility to temperature test within a range of -10 °C to 40 °C (14 °F to 104 °F).

**Evaluated By:** J. Coffey (OH) CN 11205

**Type Evaluation Criteria Used:** *Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2024 Edition. *NCWM Publication 14: Weighing Devices*, 2024 Edition.

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

**Information Reviewed By:** J. Gibson (NCWM)

### Example(s) of Device:

