



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Indicating Element
Digital, Electronic
Model: HI6800 Series
 $n_{\max}$: 10 000
Accuracy Class: III / IIIL

***Submitted By: Contact Info. Updated November 2024**

Hardy Process Solutions
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Standard Features and Options

- Automatic Zero Tracking (AZT)
- Semi-Automatic Zero (Push Button)
- Semi-Automatic Tare (Push Button)
- AC Power
- DC Power
- Sleep Mode
- Alphanumeric Display
- Gross/Net Display
- Liquid Crystal Display
- Touch Screen
- Ethernet/Wireless Communication
- Units: Gram (g), Kilogram (kg), Ton Metric (t), Pound (lb), Ounce (oz), US Short Ton (T)

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
Chairman, NCWM, Inc.

Ivan Hankins
Chair, NTEP Committee
Issued: December 20, 2022

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Hardy Process Solutions
Indicating Element / HI6800 Series

HI6800 Series	
Model	Model
HI6800-WC-DR-AC-00	HI6800-WC-DR-DC-00
HI6800-WC-PM1-AC-00	HI6800-WC-PM1-DC-00
HI6800-ROCA-DR-AC-00	HI6800-ROCA-DR-DC-00
HI6800-ROCA-PM1-AC-00	HI6800-ROCA-PM1-DC-00
WC – Weight Controller ROCA – Weight Controller with Rate of Change DR – DIN Rail Mount PM1 – Panel Mount 00 – No Additional Option	

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

Identification: The self-destructive identification badge may be found on the back of the indicating element. In addition, a label indicating the capacity, division size (d) n_{max} , and accuracy class must be affixed near the display upon installation.

Sealing: A paper security seal is affixed to the back of the unit covering the dip switch to prevent access.

Test Conditions: The emphasis of this evaluation was on device design, marking requirements, performance, operation, and compliance with influence factor requirements. Two Hardy Process Solutions indicating elements, models HI6800-WC-PM1-AC-00 and HI6800-WC-PM1-DC-00, were submitted for evaluation and it was interfaced with a BHL model 625 load cell simulator. Several increasing/decreasing and discrimination (zone of uncertainty) tests were performed. The indicator was tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Additional testing was conducted for voltage at 102 VAC and 132 VAC.

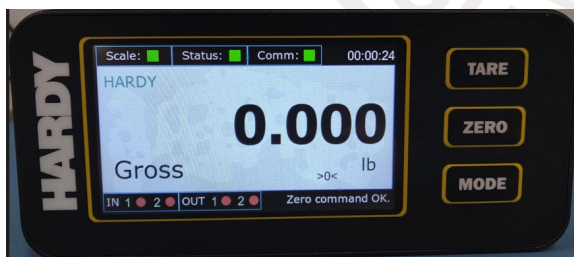
Evaluated By: E. Morabito (NY)

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.

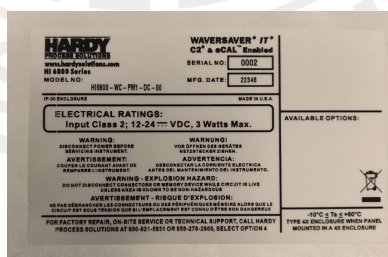
Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: D. Flocken (NCWM)

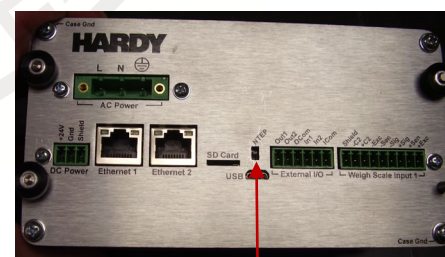
Example(s) of Device:



Display



HI6800
ID Label



Dip Switch