



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Non-Computing Scale  
Digital Electronic  
Model: 6745  
Capacity: 30 lb / 15kg  
 $n_{max}$ : 6000  
 $e_{min}$ : 0.002/0.005 lb / 0.001/0.002kg  
Accuracy Class: III

Cardinal Scale Manufacturing Company  
102 East Daugherty Street  
Webb City, MO 64870  
Tel: 417-673-4631 ext. 212  
Contact: Thomas Schuller  
Email: [tschuller@cardet.com](mailto:tschuller@cardet.com)

**Standard Features and Options**

- Baby Weighing Platter
- Semi-Automatic Zero (Push Button)
- AC / DC External Power Supply
- Gross / Net Display
- Liquid Crystal Display
- Units: Kilogram (kg), Pound (lb)
- WiFi / Bluetooth interface
- RS-232 Communication Port
- External Printer
- Motion Detection
- Category 2 Calibration and Configuration Counter
- Center of Zero Announcer
- Optional Battery Power Source
- Multi-Interval

**Load Cells Used:**

- Cardinal Scale Mfg. Co. Model TSP-30KGP (NTEP CC 20-066) or any NTEP certified, compatible and metrologically equivalent.

**Platter Size:** 22.5 inches x 9.1 inches

**Temperature Range:** 10 °C to 40 °C ( 50 °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.

Marc Paquette  
Chair, NCWM, Inc.

Gene Robertson  
Chair, NTEP Committee  
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9011 South 83<sup>rd</sup> Street | Lincoln, Nebraska 68516

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Cardinal Scale Manufacturing Company  
Non-Computing Scale / 6745

**Application:** For use in general purpose weighing applications

**Identification:** The required markings are located on a label affixed to the back housing of the scale and is a tamper proof label that can not be removed without ripping into small pieces.

**Sealing:** Device is sealed by a Category 2 calibration and configuration counter. The counter can be accessed by pressing the menu button on the front of the indicator. Once the menu screen appears the calibration and configuration counters are on the first page.

**Test Conditions:** The emphasis of the evaluation was on the device design, operation, performance, markings, and compliance with influence factors. Model 6745 was submitted for evaluation. The Device was subjected to multiple increasing/decreasing tests, eccentricity, and discrimination testing. Devices were also subjected to testing over a temperature range of 10 °C to 40 °C. (50 °F to 104 °F). A load of ½ of capacity was applied to the device over 100 000 times and a repeat of increasing/decreasing, discrimination, and eccentricity tests were performed. The device was tested within a voltage range from 85 VAC to 264 VAC, 6.5 VDC to 13.2 VDC.

**Evaluated By:** J. Coffey (OH) 24-079 (CN 10929)

**Type Evaluation Criteria Used:** *NIST 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:** D. Flocken (NCWM) 24-079

**Example of Device:**

