NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance
for Weighing and Measuring Devices

For:	Submitted By:
Indicating Element Digital Electronic Model: CLS 680 n_{max}: 5000 Accuracy Class: III / III L	Rice Lake Weighing Systems 230 West Coleman Street Rice Lake, WI 54868 Tel: 715-234-9171 Fax: 715-234-6967 Contact: Jan Konijnenburg Email: jkonijnenburg@ricelake.com Website : www. ricelake.com

Standard Features and Options

- **CLS communication software sending commands to initiate**:
    - Retrieval of weight data
    - Semi-Automatic (push button) Zero Setting
    - Semi-Automatic (push button) Tare
    - Initial Zero Setting Mechanism (IZSM)
    - Keyboard Tare
    - Unit Switching (lb & kg)
    - Calibration procedure
- Gross/Net Display
- Voltage: 9 VDC to 72 VDC
- Remote Printer Capability
- Weight Accumulation
- Communication:RS232, USB, Wi-Fi, Bluetooth, Zigbee
- Display: LED
- Aluminum Housing
- Category 2 sealing method (Wire Security Seal and/or Audit trail)

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.

Ivan Hankins
Chairman, NCWM, Inc.

Hal Prince
Committee Chair, NTEP Committee
Issued: November 2, 2021

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Rice Lake Weighing Systems
Indicating Element / CLS 680

Application: An indicating element for use with Rice Lake Weighing Systems CLS communication software.

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

Sealing: The CLS 680 uses a wire seal threaded through drilled head screw on the back of the housing which prevents access to the calibration and configuration parameter switch. The CLS 680 also has an audit trail. Press [MENU] button audit displays, press [TARE] button Legally Relevant Version displays press [PRINT] button calibration displays, press the [GROSS NET] button the calibration number displays. Press [TARE] button configuration displays press the [GROSS NET] button and configuration number displays. Press the [MENU] button two times to return to weighing operation.

Operation: The CLS 680 does not contain any A/D capability. The CLS 680 can initiate and perform the functions listed in the "Standard Features and Options Box" listed under the heading "**CLS communication software sending commands to initiate".**

Test Conditions: This certificate is issued to have the CLS 680 on its own certificate of conformance and to add ZigBee communication and widen the DC voltage range from 9 VDC thru 36 VDC to 9 VDC thru 72 VDC. A model: CLS 680 was submitted with Zigbee communication and a 9-72 VDC power supply. Multiple increase/decrease tests at 8.8 VDC, 40 VDC and 79.6 VDC were conducted and the Zigbee communication was verified during the voltage testing. The CLS 680 was previously evaluated on certificate of conformance 19-021A2 please see that certificate for test conditions.

Evaluated By: J. Gibson (OH)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2020 Edition. *NCWM Publication 14 Weighing Devices*, 2021 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:

Model CLS 680