NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Indicating Element
Digital, Electronic
Model: 815BS and 815TS
n_{max}: 10 000

Accuracy Class: III/IIIL

***Submitted By: Contact Info. Updated October 2024**
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Standard Features and Options

- Auto Zero Tracking (AZTM)
- Semi-Automatic (SAZSM)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic (push-button) Tare
- Gross/Net Display
- Unit Switching
- Power Saving Mode (Auto Shut Off)
- Stainless Steel Enclosure
- Model 815BS uses an LCD Display
- Model 815TS uses an LED Display
- Power Supply
  - 12 VDC (Model 815BS only)
  - 100 to 240 VAC (Models 815BS and 815TS)
- RS232 and RS485 Serial Communication Port

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 14, 2022

Anyload Weighing & Measure Inc
Indicating Element / 815BS and 815TS

Application: General purpose indicating element to be interfaced with NTEP certified and compatible weighing/load receiving elements.

Identification: The required information is on a laser engraved label on the top of the enclosure or self-destructing label.

Sealing: The indicator uses a Category 1 sealing method using either a physical wire seal threaded through two screws on the rear enclosure cover or two event counters. One event counter for configuration parameters, and one event counter for calibration parameters.

To access the event counters, press and hold the Print and Tare buttons simultaneously. Press and hold the Gross/Net button to exit.

Test Conditions: This device was submitted to and evaluated by Measurement Canada under the U.S. and Canadian MRA. The technical data was reviewed by the NTEP Administrator for compliance with Publication 14 and Handbook 44 requirements. Models 815TS, and 815BS were submitted for evaluation. The emphasis of the evaluation was on device design, operation, performance, and compliance with influence factor requirements. Each indicator was interfaced with a load cell and weight simulator and tested for accuracy over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). Tests were also conducted over a voltage range of 100 VAC to 240 VAC and at 6.1 VDC and 13.2 VDC for model 815BS. Additionally, the indicators were interfaced with weighing elements to verify compliance with motion detection, momentary power loss, and zero function requirements.

Evaluated By: Damon Karl, Measurement Canada

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:

Model 815BS (LCD Display)

Model 815TS (LED Display)