NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Indicating Element
Digital Electronic
Model: LS20
n_{max}: 10 000
Accuracy Class: III/III L
Capacity Limitation: (See note)

Submitted By:
Intercomp Co., Inc.
3839 County Road 116
Medina, MN 55340
Tel: 763-476-2531 x 321
Contact: Matt Young
Email: matt@intercompcompany.com
Web site: www.intercompcompany.com

Standard Features and Options

- Semi-Automatic Zero (Push Button)
- Keyboard Tare
- AC Power
- Gross Net Display
- Integral Display
- Liquid Crystal Display
- RS-232/USB Communication Ports
- Linearity Calibration Points (Up to 5)
- Wireless Communication (Printer)
- Accumulates Axle Weights for a Total Vehicle Weight

Note: Indicating shall only be used when connected to a weighing/load receiving element with a capacity greater than 2000 lb.

Temperature Range: -10 °C to 40 °C (14 °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 *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.

Hal Prince
Chairman, NCWM, Inc.

Craig VanBuren
Chair, NTEP Committee
Issued: May 20, 2021

Intercomp Co., Inc.
Indicating Element / LS20

Application: General purpose indicating element designed to be interfaced with NTEP certified and compatible devices and weighing/load-receiving elements with a capacity greater than 2000 lb

Identification: The self-destructive identification badge is utilized.

Sealing: A pressure sensitive self-destructive seal is used. Place the self-destructive seal across the seam of the indicator.

Test Conditions: This certificate supersedes Certificate of Conformance Number 16-014A1 and was issued to clarify the capacity limitation of the indicator. No additional testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance Number 16-014A1: This certificate supersedes Certificate of Conformance Number 16-014 and was issued to clarify the application section of the certificate. The indicating element was tested and certified for use in Class III and III L applications. No additional testing was deemed necessary. Previous test conditions are listed below for reference.

Certificate of Conformance Number 16-014: The model LS20 indicator was submitted for evaluation. The emphasis of this evaluation was on device design, operation, and print format. The LS20 indicator was interfaced with a load cell simulator and a Citizen PMU 2300111SB wireless printer. The device was tested for discrimination, power interruption, zero tests as well as print format. Additionally, the device was tested with a power supply of 100VAC to 130 VAC. The indicating element was tested over a temperature range of – 10 °C to 40 °C (14 °F to 104 °F).

Evaluated By: E.A.Payne, Jr. (MD) 16-014; M. Manheim (NCWM) 16-014A2

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2018 Edition. *NCWM Publication 14 Weighing Devices*, 2018 Edition.

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

Information Reviewed By: J. Truex (NCWM) 16-014, 16-014A1; D. Flocken (NCWM) 16-014A2

Examples of Device:

Wireless Printer