



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance for Weighing and Measuring Devices

For:

Indicating Element Digital Electronic Model: TS30 n_{max}: 10 000

Accuracy Class: III/III L

Submitted By:

Intercomp Company 3839 County Road 116 Medina, MN 55340 Tel: 763-476-2531

Contact: Matt Young

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Standard Features and Options

- Automatic Zero Tracking (AZT)
- Semi-Automatic Zero (Push Button)
- · Keyboard Tare
- Gross Net Display
- Touch Screen
- Internal printer
- 120 Volt AC power
- Connects to Intercomp scales via wired or wireless communication

- Multiple Tare Memory (vehicle tare)
- Power Saving Feature (Sleep Mode)
- Power Saving Feature (Auto Shut Off)
- DC power (Internal rechargeable Battery 15 VDC)
- Weight Accumulation Feature
- Color Graphic LCD
- Multiple weighing elements
- Unit Conversion Key (lb/kg)

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.

Chairman, NCWM, Inc.

Craig VanBuren Chair, NTEP Committee Issued: March 18, 2021

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Intercomp Company

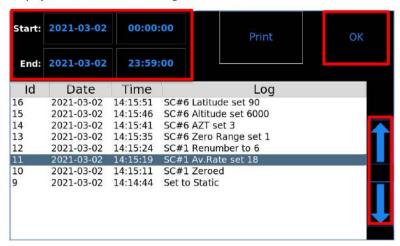
Indicating Element / TS30

<u>Application</u>: A general purpose indicating element used for general purpose weighing designed to be interfaced with NTEP certified and compatible Intercomp devices.

<u>Identification</u>: A pressure sensitive adhesive label showing void when removed is on the face of the indicator.

Sealing: The TS30 uses a category 3 event logger the event logger defined as "NTEP Log" can be accessed in the following manner.

To Access the NTEP log, click on the Master Settings button located in the lower left corner of the More screen. When prompted, enter the password "Log". The NTEP Log will displayed as shown in the following screenshot.



The NTEP log maintains records of calibration changes, unit changes and scale type changes. The NTEP log functions as an audit trail when the TS30 is operating in NTEP mode

Records can be searched by entering specific date and time ranges in the Start and End boxes located in the upper left corner of the screen. Use the Up and Down Arrows located on the right side of the screen to scroll through the records displayed on the screen. When finished, press the OK button to exit the NTEP log screen.

<u>Test Conditions</u>: A model TS30 indicating element was submitted for evaluation. The emphasis of this evaluation was on device design, operation, and print format. A model TS30 Indicating element was interfaced to four Intercomp wheel-load weighers that received input from load cell simulators. The indicating element was tested for interference from one complete device to another and to determine that the signal is sent and received by the appropriate weighing element. The device was tested for power interruption as well as print format. Additionally, the device was tested with a power supply of 85 VAC to 264 VAC and 8.5 VDC to 16.4 VDC. The Category 3 Event logger was verified for correct function. There is no Analog to Digital conversion in the TS30, the Analog to Digital conversion is contained in the wheel-load weighers or other compatible scales so environmental testing was waived.

Evaluated By: J. Gibson (OH)

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

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

Information Reviewed By: D. Flocken (NCWM)

Examples of Device:

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Indicating Element / TS30

TS30



Vehicle weighing screen

