National Conference on Weights and Measures
15245 Shady Grove Road, Suite 130 • Rockville, MD 20850

National Type Evaluation Program
Certificate of Conformance for Weighing and Measuring Devices

For:
Indicating Element
Digital Electronic
Model: TR-1
n_{max}: Class III: 5,000
n_{max}: Class III L, 10,000

Accuracy Class: III/IIIL

Submitted by:
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Standard Features and Options

- Internal pound/kilogram conversion
- Push-button and keyboard tare capability
- Printer interface
- Time and date
- Consecutive numbering and ID capability
- Automatic zero maintenance
- Keyboard calibration capability Access to the calibration and set-up mode is sealable
- Motion detection capability

Optional Models:

TR-1-NK ("NK" denotes no keypad)
PR-1 Ticket printer
PR-3 Single line ticket printer
TR-1-R Separable remote slave display (display only, no controls)

Temperature Range: -10 ˚C to 40 ˚C (14 ˚F to 104 ˚F)

This device was evaluated under the National Type Evaluation Program (NTEP) 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.

Effective Date: November 1, 1991

Louis E. Straub
Chairman, NCWM, Inc.

G. Weston Diggs
Chairman, National Type Evaluation Program Committee

Issue date: March 16, 1992

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This is a reissuance by the NCWM of a Certificate of Conformance already issued by the National Institute of Standards and Technology.

Tara Systems
Digital Electronic Indicating Element
Model: TR-1

Application: General purpose and vehicle scales.

The indicator is approved for use with compatible certified weighing and printing elements.

Identification: The identification badge is located on the side of the indicator.

Sealing: The indicator can be sealed with a lead and wire seal threaded through two drill head screws on the left side of the indicator.

Test Conditions: This certificate supersedes Certificate number 91-077.A1 and is issued to include the Model PR-3 printer.

The emphasis of the evaluation was on the device design, operation, and compliance with influence factor requirements. The indicator was interfaced with a load cell simulator and then a scale base for the purpose of this evaluation. The indicator was tested over a temperature range of 10 to 40 °C (50 to 104 °F). Additionally, tests were conducted using power supplies of 100 and 130 VAC. Results of the evaluation indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: 1991 Edition, National Institute of Standards and Technology, Handbook 44

Tested By: R. Flores, G. Castro, S. Cook (CA)