



NATIONAL TYPE EVALUATION PROGRAM

# *Certificate of Conformance*

*for Weighing and Measuring Devices*

**For:**

Weigh-In/Weigh-Out System  
Software

Model: Scaleit W8

Version: 6.16 or higher

**Submitted By:**

Scaleit USA, Inc.  
4625 East Bay Drive, Suite 107  
Clearwater, FL 33764  
Tel: 855-722-5348  
Contact: Jason Ford  
Email: [jason@scaleit.net](mailto:jason@scaleit.net)  
Web site: [www.scaleitusa.com](http://www.scaleitusa.com)

**Standard Features and Options**

**Standard Features:**

- Unit(s): pound (lb), kilogram (kg), ton, metric ton, ounce (oz), gram (g)
- Motion detection and other primary weight indications are provided by the certified and compatible indicator.
- Ticket printing
- Consecutive numbering system
- Ticket history
- End-of-day reports
- Capability to email weight tickets
- Handles inbound, outbound and transfer loads
- Prints time and date
- Stored tares
- Pre-determined tares
- Manual weight entry capability

**Optional Features:**

- Multiple scale interface
- Touch screen compatible

**Minimum System Requirements:**

- Operating system: Windows 8 or higher
- Program language: C#
- Microsoft SQL Server

**Note:** This system also performs other accounting and recordkeeping functions with no metrological effect on the weighing operation.

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of "NIST 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.

Hal Prince  
Chairman, NCWM, Inc.

Craig VanBuren  
Committee Chair, NTEP Committee  
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**1135 M Street, Suite 110 / Lincoln, Nebraska 68508**

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**Scaleit USA Inc.****Weigh-In/Weigh-Out System / Scaleit W8**

**Application:** Scale management software for use in a weigh-in/weigh-out system when used with a certified and compatible weighing indicator for weighing of vehicles.

**Identification:** The software-based screen identification (ID) information consists of the manufacturer's name, model number, and version number, and they are continuously displayed at the top of the screen. The National Type Evaluation Program (NTEP) Certificate of Conformance (CC) number is continuously displayed at the bottom of the screen (**Figure 1**). The screen ID information may also be accessed by selecting the "Help" and then the "About" buttons (**Figure 2**).

**Sealing:** There is only one-way communication between the approved indicator and this system. Provisions for sealing metrological parameters are provided by the certified and compatible indicator.

**Operation:** The model Scaleit W8 software is designed for use with vehicle scale systems. The weight data is sent to the computer from the scale indicating element where the weight is captured. A screenshot of a typical transaction is shown in **Figure 3**. The software stores vehicle numbers, customer numbers, product numbers, etc. The print format for reports, tickets, or weighmaster certificates also has many options for user preference. The computer software may be interfaced with one or more vehicle scale systems.

**Test Conditions:** This certificate supersedes Certificate of Conformance Number 11-097 and is issued to update the contact information in the "Submitted By" box on page 1, add pre-determined tares, stored tares, and manual weight entry capability. The "Identification" section on page 2 has also been updated to reflect the locations of the required ID information. The "Operation" section on page 2 was also updated to describe the operation of this software in further detail. Previous test conditions are listed below for reference.

**Certificate of Conformance Number 11-097:** The emphasis of this evaluation was on the performance of the software-based system, its interaction with the weighing system, and the information printed on the weight ticket. The system was subjected to *NTEP Publication 14* requirements for a weigh-in/weigh-out system. The software was installed on an IBM compatible computer. A Cardinal Model 205 indicator (NTEP CC: 01-011) was used with a load cell simulator for this evaluation. Several weigh-in/weigh-out transactions were completed.

**Evaluated By:** E.A. Payne, Jr. (MD) 11-097; C. Reyes (CA) 11-097A1

**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*, 2020 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) 11-097; D. Flocken (NCWM) 11-097A1



**Scaleit USA Inc.**  
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**Example(s) of Device:**

Scaleit USA Inc. | Software Model: Scaleit W8 | Software Version: 6.16

Actions View Settings Tickets **Help**

Sell Save Finish Unfinish Save all Close all Print Acc

Scale Tickets

Open Void Filter Find Export

☒ Top 100 ☒ Not finished  
☐ All departments ☒ On Hold  
08/12/20 12:00 AM - 08/12/20 11:59 PM  
Search...

Ticket No.	Vehicle Reg. No.	Customer	Product
7	DEMO-123	CLEARWATER SA...	ROAD BASE
6	DEMO-123	CLEARWATER SAND ...	ROAD BASE

Total: 2 Item(s)

Scales

Status	Name	Value (lb)	Computer	Type
✓ Stable	Demo Scale	48,000	JASON-FO...	Scale
✓ Stable	West Scale	62,000	JASON-FO...	Scale

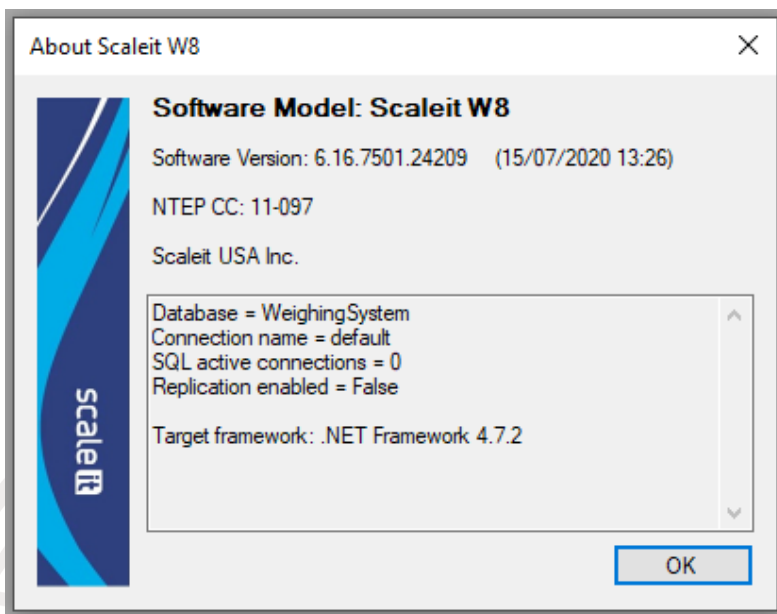
NTEP CC 11-097

Current user: Admin \ JASON-FORD-WORK Department Scaleit USA

**Figure 1.** Required screen ID information displayed at the top and bottom of the screen.



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**Figure 2.** Screenshot of the “About” section after selecting the “Help” tab.

Scaleit USA Inc. | Software Model: Scaleit W8 | Software Version: 6.16

Actions View Settings Tickets Help

Sell Save Finish Unfinish Save all Close all Print Accounts Vehicles Products Inventory Media Reports Exit

Scale Tickets

Open Void Filter Find Export

Department	Ticket No.	Vehicle Reg. No.	Customer

General

Ticket No.  Department

ID  Order Date  Export Date

Delivery Date  Status

Vehicle

Vehicle No.  DEMO-123

Driver Name  CLEARWATER SAND & GRAVEL

Vehicle Group  Standard (2 - 20 YARD)

Owner  1 - CLEARWATER SAND & GRAVEL

Hauler

Name

Address 1

Address 2

Customer

1

Name  CLEARWATER SAND & GRAVEL

Address 1  111 US HWY 19

Address 2

Zip Code  33784 City  St Petersburg

Account Group  Standard

Project

Name

PO Number

Address

Zip Code  City

Order Txt

Zone / Mi

Name

Mi

Signature  Start Signing

Notes

Notes

Outgoing Product	Storage	Unit Price	Discount	Tare(lb)	Gross(lb)	Net(lb)	Price
1 2 - 1/2 INCH GRAVEL	N/A	0.00	0.00	38,000	58,000	20,000	0.00

Total: 0 Item(s)

Scales

Status	Name	Value (lb)	Computer	Type

Transport: 0.00 Total net price: 0.00 Tare: 38,000

Cost price: 0.00 Taxes: 0.00 Gross: 58,000

TOTAL: 0.00 [S] NET: 20,000 [lb]

NTEP CC 11-097 Current user: Admin \ JASON-FORD-WORK Department: Scaleit USA - Aggregate Credit limit: HOLD (10,000.00 / 0.00 \$)

**Figure 3.** Screenshot of a typical transaction.