NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance
## for Weighing and Measuring Devices

| **For:** | **Submitted By:** |
|---|---|
| Point-Of-Sale (POS) System<br>Electric Cash Register (ECR) Interfaced with Scale<br>Model: Clover Station & Clover Mini<br>Version: 1.0 – 1285 or Higher | Clover Network Inc.<br>415 N Mathilda Ave<br>Sunnyvale, CA 94085<br>Tel: 650-210-7888<br>Contact: John Beatty<br>Email: scalecertification@clover.com<br>Web site: www.clover.com |

## Standard Features and Options

- Standard Tare and Tare Stored with Price Lookup (PLU)
- Units: lb, oz, kg (minimum 0.01 lb, 0.1 oz, 0.005 kg)
- Universal Product Code (UPC) Scanning
- Time Card Capability
- Search Transactions History
- Void Capability (Clear Order)
- Touch Screen Monitor
- Built-for-Purpose Software-Based Device

**Options:**
- Clover Station (Larger System)
- Clover Mini (Can be a Customer Display Working with the Clover Station or a Smaller Complete ECR System)

**Minimum System Requirements:**
- Computer with Touch Screen Monitor
- Receipt Printer
- Operating System: Android
- Program Language: Java
- Processor: Nvidia Tegra 3, 1.2 Ghz
- Hard Drive: 8 GB

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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.

Kristin Macey
Chairman, NCWM, Inc.

Jerry Buendel
Committee Chair, National Type Evaluation Program Committee
Issued: October 28, 2016

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**Clover Network Inc.**
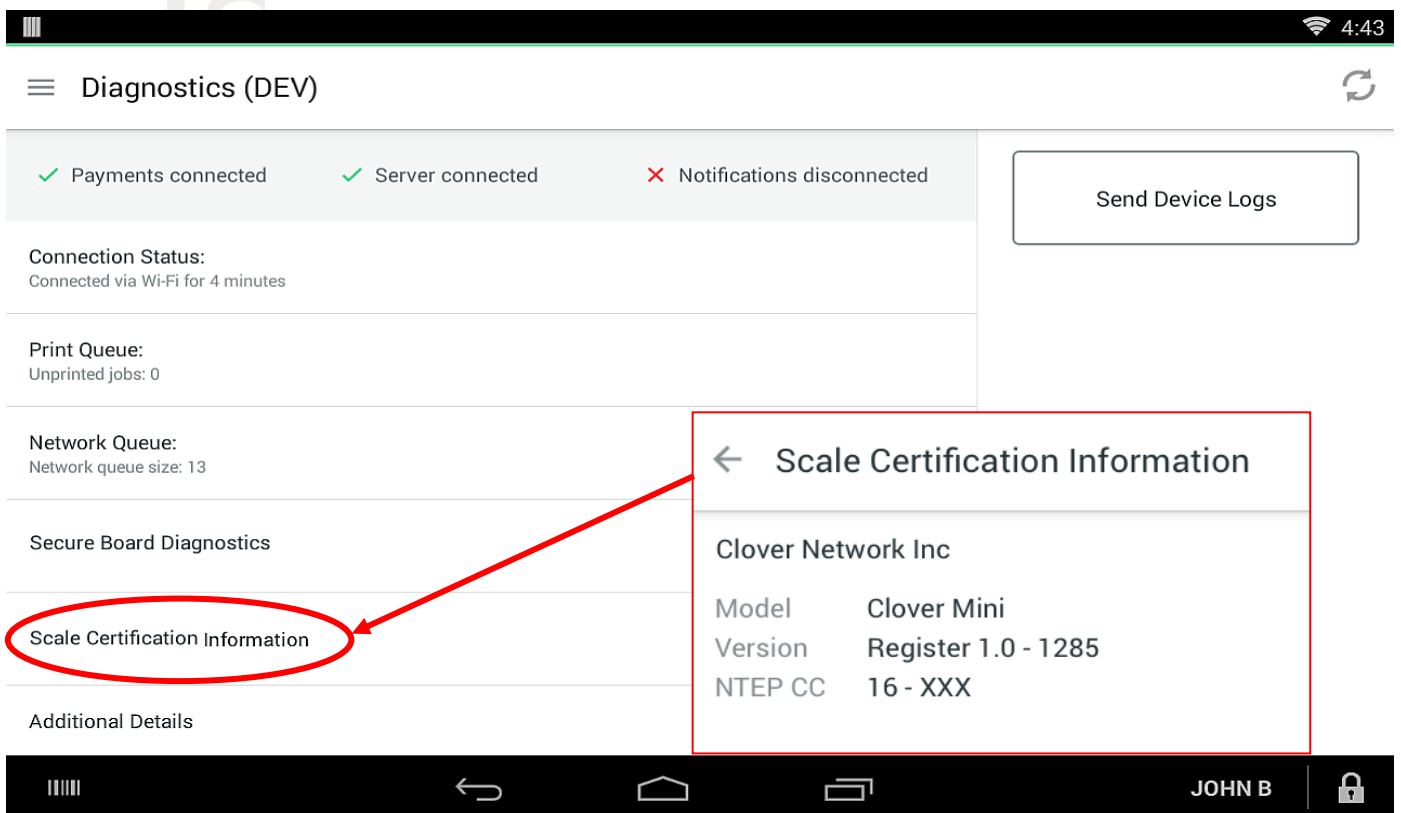POS System / Clover Station & Clover Mini

**Application:** The point-of-sale (POS) built-for-purpose software-based device is certified for retail POS applications when interfaced with a National Type Evaluation Program (NTEP) certified and compatible scale.

**Identification:** The make, model, serial number, and NTEP Certificate of Conformance (CC) number are on a permanent identification (ID) badge on the backside of the device touch screen for both the Clover Station and Clover Mini. The model ID and version number can be accessed in the system. On the main screen, select the "Help" button to access the "Diagnostics" screen. On this screen, select the "Scale Certification Information" button. This information will appear when the models are operational.

**Sealing:** There are no metrological features that require security sealing. The POS System and the Electronic Cash Register (ECR)



Select the "Help" button to access the diagnostics screen.



Select the "Scale Certification Information" button to display the identification information.

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POS System / Clover Station & Clover Mini

Interfaced with Scale must be security sealed in accordance with the sealing provisions as indicated in the applicable National Type Evaluation Program (NTEP) Certificate of Conformance (CC).

**Operation:** The POS software-based device is capable of accepting pricing information for both weighed and non-weighed items by use of PLU number entries using the keyboard or UPC barcodes that are read by scanners. Voiding weighed items can be accomplished using the "Clear Order" button. PLUs can be programmed for items by weight with or without tare, items by weight with multiple pound unit prices, and items by count with single priced items.

**Test Conditions:** The emphasis of the evaluation was on device operation, interaction with the scale, marking requirements, and receipt format. The Clover POS software version 1.0 - 1285 was interfaced with a non-computing scale; CAS USA, Corporation Model SW-RS (20 lb x 0.01 lb) NTEP CC Number 99-002. Numerous transactions were conducted utilizing weighed items and items sold by count and rounding to the nearest cent. Tare weight entries were used to verify compliance for net weight transactions. Voids, credits, and power failure tests were performed. Mathematical price computations were checked using various weights and unit prices in lb, oz and kg units. Printed receipt formats were evaluated for compliance with current requirements.

**Evaluated By:** J. Roach (CA)

**Type Evaluation Criteria Used:** *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2016 Edition. *NCWM Publication 14 Weighing Devices*, 2016 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)

**Examples of the Device:**



Clover Station



Clover Mini