

State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5617-09

Page 1 of 3

California Type Evaluation Program
Certificate of Approval
for Measuring and Weighing Devices

For:

Scale System Controller
Recycling Center Weigh Station Application
Model: ScaleMaster
Version: 1.43

Submitted by:

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Standard Features and Options

Primary weight indications and motion detection are provided by a compatible, certified indicating element.

Semi-automatic (push button) zero

Pre-determined tare

Operator and customer display for weight indication

Live video weight indication on screen

Receipt printing capability

Multiple weighing elements

Minimum system requirements: Computer display

Alphanumeric keyboard

Network server (for IT support only, no remote configuration)

Printer

Local terminal and Network configuration

Operating system: Windows XP or later versions

Program Language: C# .NET

Processor: 1 GHZ CPU, 256 MB RAM

Note: Weighmaster ticket content, other than correct and properly labeled weight information, is the responsibility of the end user, subject to weighmaster laws, and is not covered by this certificate.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: October 13, 2009



Edmund E. Williams, Director

**Scale System Controller
Recycling Center Weigh Station Application
Model: ScaleMaster
Version 1.43**

Application: General purpose recycling center weighing system when interfaced with compatible certified indicating and weighing elements.

Identification: The identification information is continuously displayed on the bottom half of the screen while the system is running.

Sealing: This system does not require provisions for sealing. The system's operational configuration settings are password protected and are retained by the user. The system source code that protects the metrological configuration settings is retained by the software developer. Provisions for sealing metrological parameters are provided by the certified vehicle weighing and indicating elements.

Operation: The operator logs onto the system using a pre-assigned password. The operator records and stores the weight of a loaded in-bound truck on weighing platform number one. The emptied truck returns to weighing platform number two to complete the transaction. A weight ticket is printed with the following information: gross, tare and net weight, time, date, location of transaction, truck ID, trailer ID, and operator ID.

Test Conditions: The scale system controller, model ScaleMaster, was interfaced with an Avery Weigh-tronix indicator, model GSE Brand (Certificate of Conformance number 01-081A3), and a Rice Lake indicator model IQ+ 510-XY (Certificate of Conformance number 98-081). Each indicator was connected to a CMI weighing element model 2PS (Certificate of Conformance 88-024A2). Several weighing operations were carried out at a field location and several weight tickets were printed for confirmation of accurate weighing requirements. The emphasis of the evaluation was on device design, operation, interaction with vehicle indicating and weighing elements, customer display, printed information and compliance with accurate weighing requirements.

Results of the evaluation indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2009 Edition

Tested By: S. Boyd (CA), 2009

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The screenshot displays the ScaleMaster software interface. At the top, a status bar shows 'Tickets 247 | Inbound 886.59T | Outbound 303.16T | Intercompany 188.01T | Onsite 149.28T'. The main window is titled 'Weighmaster' and contains a 'New Sale' dialog box. The dialog box is divided into sections for 'Truck' and 'Customer' information. The 'Truck' section includes fields for 'Lic: Num', 'CYD', 'Tare Weight' (North/South), 'Gross Weight' (North/South), 'City', 'Date', 'Time In', and 'Time Out'. The 'Customer' section includes '1: Cash', 'PO #', 'CDDD', and 'Carrier'. Below these sections is a 'Comment' field and a table for items with columns for 'Code', 'Description', 'Qty', 'UOS', 'Each', and 'Total'. At the bottom of the dialog, there are fields for 'Subtotal', 'Discount', 'Tax', 'GTotal', 'Cash In', and 'Change' (0.00). A 'Cash' button (F9) is also present. The background shows a 'Weighmaster' window with a user profile for 'ken' and a table of recent sales.

In At	License	Truc...	Customer
10...	8F00153	960	GreenWaste Recovery Inc. - Commercial
2:...	5X772...	rw7	Redwood Services
2:...	7Y327...	SBAY4	Got Junk (1-800)
2:...	6K843...	950	GreenWaste Recovery Inc. - Commercial
2:...	9B227...	R135	Randazzo Enterprises Inc.
2:...	8M74...	SJ1	P & Z Waste Management

Manuf: Zanker Road Resource Mgmt Ltd
Model: ScaleMaster
Version Number: 1.44
Calif. Approval #: xxxx-xx