

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

Certificate Number: 5609-09

Page 1 of 2

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

For:

Scale System Controller
Weigh-In/Weigh-Out Operation
Model: W.O.W. (Works On Windows)
Version: 12

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 zero capability
Ticket/receipt print capability
Operator and customer display for weight indication
Live video weight indication on screen
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: Cobol and Crystals Reports

Processor: 1 GHZ CPU, 256 MB RAM,

Note: The user of this system is responsible for correct weighmaster certificate content and compliance with applicable weighmaster laws.

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: July 28, 2009



Edmund E. Williams, Director

Grossman's and Associates
Agricultural Products Weigh Station Application
Model: W.O.W., Version: 12

Application: Scale system controller for use with compatible, certified indicating and weighing elements.

Identification: The identification information is continuously displayed on the title bar when the system is running.

Sealing: This system does not require provisions for sealing. The systems operational configuration settings are password protected and 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 in-bound truck is weighed on weighing platform number one. The truck is then emptied or filled as appropriate and proceeds to weighing platform number two and is weighed. A net weight is then calculated and a weigh ticket is printed to complete the weigh-in/weigh-out transaction.

Test Conditions: The scale system controller software, Model W.O.W. (Works On Windows), was interfaced with a Mettler-Toledo Weight Indicator, Model Number JagXtreme (Certificate of Conformance Number 94-096A6), multiple weighing elements, and scale number 1 or scale number 2. Scale number 1 is a Fairbanks weighing element, Model Number 11-4300 Series (Certificate of Approval Number 88-158PN) and scale number 2 is a Mettler-Toledo, Inc weighing element, Model 7560, (Certificate of Conformance Number 88-243A4). Several weighing operations were carried out at a field location and several weigh tickets were printed for agreement of indications with printed ticket. The emphasis of the evaluation was on device design, operation, interaction with a 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

The screenshot displays the 'Manuf: Grossman & Associates Model: W.O.W. Version: 12 CC #: XX-XXX' window. The interface includes a menu bar (Exit, GoTo, Help) and a toolbar with icons for Save, New, Edit, Del, View, Manual, Scan, Clear, Exit, Calc, Editor, Reprint, and Change. The main form is divided into several sections:

- General Information:** Type (Pickup Order), Scale (MAIN SCALE), Date Received (06/11/2009), Location (21 GOSHEN DAIRY), Commodity (1010 ALFALFA CRUMBLES), Item, Bin #, Field #.
- Truck Information:** Account (126806), 145 FARMS & BRITZ AG, P.O. BOX 217, FIVE POINTS, CA 93624 US, Grower State (CA CALIFORNIA), Origin Loc., Origin Date (06/11/2009), Driver On (checked), Origin Ticket.
- Hauling Information:** Hauler (1000 JOE CARRIER NAME), Driver (92 VALENCIA ALFONSO), Vehicle (1 License 9D53392), Trailer (T01 License 4AE8202), Trailer 2 (T02 License 1UX6032), Method (Weight selected), Company Owned (checked).
- Weighting Data:** Ticket # (350195), Load # (8063), Gross (48,060 lb), Tare (24,020 lb), Net (24,040 lb), UOM (12.020 TON), Dock (1.00), Grade.
- Financial Summary:** Accrued Rate (1.0000), Settled Rate (1.0000), UOM (2 TON), Total Hauling (12.02).
- Additional Fields:** Sheet #, Identity (JOE PO), Rail #, Farm ID, Contract, Order #, Farm #, Remarks, Disc Table (1 WESTERN MILLING), Code, Factor, Discount, Weigh & Inspect, Misc. Deduction.

A 'Save Ticket' button is located at the bottom right of the form.