

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

Certificate Number: 5385-04

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

For:

Scale System Controller
Digital Electronic
Model: Weigh Flow Truck Scale Manager
Version 1.0

Submitted by:

J. D. Heiskel & Co.
116 W. Cedar Avenue
Tulare, CA. 93274
Tel: (559) 685-6100
Fax: (559) 685-8697
Contact: Bruce Martin

Standard Features and Options

Motion detection and primary weight indications are provided by the certified primary weight indicator

Weigh-in/weigh-out capability
Weight ticket printing
Manual weight ticket print capability
Vehicle, customer and product ID

Minimum system requirements: Computer display
Printer
Computer mouse
Alphanumeric keyboard

Operating system: Windows 2000 or greater version
Program language: Visual Basic
Hardware: Pentium 400 Mhz, 120MB RAM, 10 GB HD

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical 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: May 19, 2004



Mike Cleary, Director

J. D. Heiskel & Co.
Scale System Controller
Model: Weigh Flow Truck Scale Manager, Version 1.0

Application: The Weigh Flow Truck Scale Manager is a scale system controller used to weigh construction materials when interfaced to approved weighing and indicating elements.

Identification: The required identification is displayed prominently at the top of the menu bar on the monitor throughout the application.

Sealing: The system requires no provision for sealing and is protected by a password that is retained by the manufacturer. The metrological integrity of the system is maintained by the sealing methods of the weighing and indicating elements.

Operation: The system may be used in a stand-alone configuration or may be interfaced to a computer with individual systems operating from a network server. The system captures a vehicle's in-bound weight and stores it until the vehicle returns. When the vehicle returns, the out-bound weight information is captured. The in-bound and out-bound weights are recalled and a weighmaster ticket with a calculated net weight is printed. Customer, vehicle, and other pertinent data are also printed on the weight ticket. Manual weights may be entered for giving credit and for entering weight information from other certified tickets. All manual weights are identified as "Man Wt" on the weight ticket.

Test Conditions: The Model Weigh Flow Truck Scale Manager, Version 1.0 was tested interfaced to a Mettler-Toledo digital weight indicator Model JagXtreme (Certificate of Conformance Number 94-096A4) interfaced to a Mettler-Toledo vehicle scale Model 7560 (Certificate of Conformance Number 88-243A4). The system was tested with the scale at zero and at near capacity. The emphasis of the evaluation was on device design, operation, interaction with the scale, and weighmaster ticket printing capability.

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

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2004 Edition

Tested By: S. Boyd (CA)