

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

Certificate Number: 5613-09

Page 1 of 2

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

For:

Scale System Controller
Vehicle Scale and Platform Scale Operation
Model: WeighCycle
Version 1.0.0 or higher

Submitted by:

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Standard Features and Options

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

Weigh-in/weigh-out capability	Operator display
Weighmaster ticket printing system	Receipt printer
Customer and product ID	AC power
Multiple scale interface with scale identification	RS-232
Touch screen display	

Minimum System Requirements:	Computer display
	Alphanumeric keyboard
	Printer and mouse
Operating System:	Windows 98, 2000, XP, Vista
Program Language:	VB 6.0
Processor:	450 MHz, 64 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: September 10, 2009

Edmund E. Williams, Director

Amity Software, Inc.
Vehicle Scale and Platform Scale Operation
Model: WeighCycle
Version 1.0.0

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

Identification: Required identification information is obtained by accessing the “**Help**” menu button.

Sealing: The system requires no provision for sealing and is protected by a code retained by the manufacturer. Sealing of metrological parameters is provided by the certified and compatible indicating element.

Operation:

Weigh-In/Weigh-Out: When a vehicle is on the scale the truck number is entered and a weight is captured. The vehicle is then loaded or unloaded, as applicable, then returns to the scale. The truck number is entered and the weight is captured. The net weight is then computed and a weighmaster ticket is printed.

Platform Weighing Operation: The scale and product are chosen, and weight is captured then printed in an automatic sequence. Then the printed information containing weight, transaction number, item details and total amount can be processed for payment.

Test Conditions:

Weigh-In/Weigh-Out: The Model WeighCycle Version 1.0.0 was installed on a personal computer (PC) and submitted for evaluation. The emphasis of the evaluation was on the performance of the computer software system, its interaction with the indicating element using a load cell simulator, and the information printed on the weight ticket. The PC loaded with Amity system software was interfaced to an Avery Weigh-Tronix Model Number 560 indicating element (Certificate of Conformance Number 01-081A3). The system was tested with loads behind zero and in overload condition. Several series of simulated weigh-in and weigh-out functions were performed and several weight tickets were printed to verify the software system controller.

Platform Weighing Operation: The Model WeighCycle Version 1.0.0 was tested with the PC loaded with Amity system software, and interfaced to a Avery Weigh-Tronix Model Number 665 indicating element (Certificate of Conformance Number 01-013A4). The emphasis of the evaluation was on the performance of the computer software system its interaction with the indicating element using a load cell simulator and the information printed on the weight ticket. Several series of weight transactions were performed and several weight tickets were printed to verify the software system controller.

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. Muñoz (CA)

