

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

Certificate Number: 5637-10

Page 1 of 2

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

For:

Scale System Controller
Vehicle Scale Application Software
Model: 1
Version 1, Rev. 0 or higher

Submitted by:

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Standard Features and Options

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

Standard Features:

- Weighmaster ticket printing system
- Vehicle, customer/vendor, and product ID
- Timber tares

System requirements:

- Computer display
- Alphanumeric keyboard
- Printer and mouse

Operating system:

- Windows, XP Professional or higher

Program language:

- Sybase Power Builder Client
- .Net Web Service
- MS SQL Server Database

Processor:

- 2.66GHz, 3.23 GB RAM or higher

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 21, 2010



Edmund E. Williams, Director

California Redwood Company
Scale System Controller, Vehicle Scale Application
Model: 1

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

Identification: Required identification information is permanently displayed on all program screens while the program is running.

Sealing: This system requires no provisions for sealing and is password protected. The password is retained by the manufacturer. Sealing of metrological parameters is provided by the approved and compatible weighing and indicating elements.

Operation: The Controller and digital weight indicator must display zero before initiating any transactions. Zero will be verified by the operator. The Controller is capable of establishing timber tares and must be used as per the California Code of Regulations, Article 10. Timber Tare Weights. When a vehicle is parked on the vehicle scale the digital weight indicator, interfaced to the computer, sends weight information to the Controller and stores the weight data as either a gross and/or tare weight. The Controller will calculate a net weight based on the gross and tare data and will then print a completed weight ticket.

Test Conditions: The scale system controller, Model 1 was interfaced with a Cardinal, Model 7570 SRC (Certificate of Approval Number 1271(a)-83) vehicle scale and GSE, Model 562 (Certificate of Conformance Number 01-081A3) indicating element. A field evaluation was conducted. The emphasis of the evaluation was on device marking, design, operation, performance, interaction with the weighing system, and printing format. The results of the evaluation indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2010 Edition

Tested By: N. Ingram (CA), 2010

Model 1, Version 1, Rev. 0

