

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

Certificate Number: 5657-11

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

**For:**

Scale System Controller  
Weigh Station Application  
Model: Route Manager for Windows  
Version: 14.0.022 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.

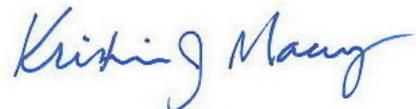
Ticket/receipt print capability  
Operator and customer display for weight indication  
Live video weight indication on screen  
Stored tare capability  
Gross/tare/net display  
Predetermined tare  
Stored tare

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  
Program Language:   Visual Basic  
Processor:            1 GHZ Pentium 4 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: May 18, 2011

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Kristin J. Macey, Director

**Rainbow Environmental Services**  
**Model: Route Manager for Windows**  
**Version: 14.0.022**

**Application:** General purpose truck weighing system when interfaced with compatible certified indicating and weighing elements.

**Identification:** The identification information is accessible by clicking on the “**Help**” button, then “**About RouteManager**” and the manufacturer, model, version and Certificate of Approval number will appear in an identification box.

**Sealing:** There are no sealable parameters controlled by this device.

**Operation:** The operator logs onto the system using a pre-assigned password. The operator records and stores the gross weight of a truck. The truck is emptied and returns to the weighing platform to complete the transaction. The truck does not have to return if pre-determined tares are used. All tares based on pre-determined tares must be followed by “**P.T.**” on the weight ticket. 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 Model Route Manager for Windows (Version 14.0.022) was interfaced and tested with a GSE Model 460 digital weight indicator (Certificate of Conformance Number 01-031A2), Rice Lake weighing element, Model EZ7011-ST-100-OTR and a printer. Several weighing operations were carried out at a field location and several weigh tickets were printed. The emphasis of the evaluation was on device design, operation, marking requirements, interaction with vehicle indicating and weighing elements, customer display, printed information and compliance with accurate weighing requirements. Motion detection, momentary power loss, several weighments and stored tare transactions were also examined.

Results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 2011 Edition

**Tested By:** J. Roach (CA)



**Rainbow Environmental Services**  
**Model: Route Manager for Windows**  
**Version: 14.0.022**

