

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

Certificate Number: 5288-01  
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***California Type Evaluation Program***  
***Certificate of Approval***  
***for Weighing Devices***

For:

Scale System Controller  
Digital Electronic

Model: LodiMan, Version: 1.09

Submitted by:

MARKE Systems, Inc.  
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**Standard Features and Options**

Weigh-in/weigh-out capability  
Weight ticket printing  
Motion detection is provided by the certified and compatible indicating element.

Minimum system requirements:   Computer display  
  Alphanumeric keyboard  
  Printer

Operating system:                   Windows 95  
Software application:               Microsoft Visual Basic  
Hardware:                             Pentium 100 Mhz, 16MB RAM, 200MB 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: December 21, 2001

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Mike Cleary, Director

**MARKE Systems, Inc.**  
**Scale System Controller**  
**Model: LodiMan**

**Application:** This scale system controller is intended for vehicle scale weighing applications when interfaced with compatible and certified vehicle scale and indicating element.

**Identification:** System identification is visible on the video display when the system is turned on.

**Sealing:** The software configuration and database integrity are password protected. There are no metrological features on this device that require use of a security seal. The certified scale and indicator interfaced to the system can be sealed in the manner described on their corresponding Certificates of Approval.

**Operation:** The scale system controller performs weigh-in/weigh-out applications. A weight ticket can only be printed after a complete transaction is performed. Information for the truck bill of lading, including captured weights, is stored in a database.

**Test Conditions:** The emphasis of this evaluation was on the performance of the system controller, its interaction with the indicating element, and information printed on the weight ticket. The scale system controller was interfaced to a Mettler-Toledo JagMax indicator (Certificate of Approval Number 4336 (c)-99), through an Allen Bradley Programmable Logic Controller Model PLC-5. A Mettler-Toledo vehicle scale (Certificate of Approval Number 3124 (d)-01) was connected to the indicator. Several weigh-in/weigh-out and weight ticket printing operations were performed.

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

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 2001 Edition

**Tested By:** D. Parks (CA)