

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

Certificate Number: 5562-08
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California Type Evaluation Program
Certificate of Approval
for Weighing and Measuring Devices

For:

Scale System Controller
Weighbridge interface
Model: ALMADS
Version: V1.0 or higher

Submitted by:

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Standard Features and Options

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

Multiple scale interface with scale identification
Weighmaster ticket printing system
Weigh-in/weigh-out capability
Integral receipt printer

Manual weight ticket print capability
Vehicle, customer, and product ID
Void capability
Keyboard tare

Minimum system requirements:	Computer and monitor Printer and Mouse
Operating system:	Windows XP
Programming language:	Clarion
Processor:	3.0 GHz, 1 GB, Mb RAM

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: June 25, 2008



Edmund E. Williams, Acting Director

**Regional Information Technology
Scale System Controller
Model: ALMADS**

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

Identification: The required identification, manufacturer's name, model name, and version number are displayed prominently and continuously on the menu bar on the lower portion of the display.

Sealing: The software requires no provision for sealing and is protected by a password that is retained by Regional Information Technology. Sealing of metrological parameters is provided by the certified and compatible indicating and weighing elements.

Operation: The system captures a vehicle's in-bound weight and stores it while the vehicle is loaded or un-loaded. 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. All manual weights are identified as "MANUAL WEIGHT" on the weight ticket.

Test Conditions: The Model ALMADS, Version 1.0, was interfaced with two Fairbanks digital weight indicators Model IND-R2500-AF2 (Certificate of Conformance Number 95-044A5) and a Fairbanks vehicle/livestock weighing element Model PLT-2600-XXX (Certificate of Conformance Number 94-101A3). 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 the 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, 2008 Edition

Tested By: S. Muñoz (CA)

Menu Bar

