

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

Certificate Number: 5267-01

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California Type Evaluation Program
Certificate of Approval
for Weighing Devices

For:

Batch Controller
Asphalt Hopper Scale
Load-out Controller
Model: LC-1000

Submitted by:

SYSTEMS Equipment Corporation
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Standard Features and Options

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

Ticket print capability
Vehicle customer and product identification
Stored tare capability (identified on the weight ticket)
Pound, ton, and metric ton conversions

Minimum System Requirements:

CRT display (monitor)
Alphanumeric keyboard
Hardware: 386 processor or greater, 4 MB RAM, 10 MB HD
Program Language: Foxpro 2.6

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: May 3, 2001

Mike Cleary, Director

**SYSTEMS Equipment Corporation
Batch Controller, Asphalt Hopper Scale
Model: LC-1000**

Application: General purpose scale controller for batching asphalt and construction materials. The system is designed for use with a hopper or vehicle scale.

Identification: The identification information is continuously displayed on the upper portion of the operator's display.

Sealing: The system controller requires no provisions for sealing and is protected by a password retained by the manufacturer. Provisions for sealing metrological parameters are provided by the weighing and indicating elements.

Operation: The weighing sequence is initiated by the batch controller operator and loading of the vehicle proceeds automatically until the system reaches a preset weight. The weight, silo, and condition of the scale are continuously monitored and displayed on the operator's CRT (monitor). When the predetermined weight has been attained and stabilized the controller will print a weight ticket.

Test Conditions: The Model LC-1000 (version 2000-F16) was submitted for this evaluation. The system was interfaced to an A&D Engineering, Model AD-4323, digital weight indicator (Certificate of Approval Number 2987-88). The emphasis of the evaluation was on device design, operation, print format, and interaction with the digital weight indicator. Additionally, the system was tested for compatibility with error conditions such as over-capacity and motion detection.

The 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: G. Castro (CA)