

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

Certificate Number: 5486-06

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

For:

Scale System Controller
Concrete Batching
Model: Trailblazer
Scout
Version 1.31.32

Submitted by:

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Standard Features and Options

Primary weight indications are provided by the compatible and certified indicating elements.

The Model Trailblazer is functionally identical to the Model Scout but will control more weighing elements for larger batch plants.

Weighmaster ticket printing system
Vehicle, customer, and product ID
Multiple scale interface with scale identification
Up to 13 weighing elements: Model Scout
Up to 22 weighing elements: Model Trailblazer

Minimum system requirements: Computer and monitor
Alphanumeric keyboard
Printer and mouse

Operating system: Windows XP
Programming language: C++
Processor: 1.4 GHz, 256 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: May 11, 2006



Mike Cleary, Director

Sysdyne
Scale System Controller
Models: Trailblazer, Scout
Version 1.31.32

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

Identification: Identification information is obtained by accessing the “Help” menu and then selecting “About”.

Sealing: The system requires no provision for sealing and is protected by a code retained by the manufacturer. Sealing of metrological parameters is provided by the certified and compatible indicating and weighing elements.

Operation: The weighing sequence is initiated by the scale operator and proceeds automatically until each of the hopper scales reach its preset weight. The weight and condition of the scales are monitored and displayed on the batch controller’s computer screen.

Test Conditions: The Model Trailblazer (Version 1.31.32) scale system controller was interfaced with two Cardinal Model 205 indicating elements (Certificate of Approval Number 5258-01), two load cell simulators, and a printer. The emphasis of the evaluation was on operation, motion detection capability, marking, printing format, and interaction with the digital weight indicators.

Results of the evaluation indicate the devices comply with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2006 Edition

Tested By: K. Jones (CA)