

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

Certificate Number: 5020(a)-05
Page 1 of 2

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

For:

Vehicle Scale System Controller
Personal Computer
Model: XC.011.00
Software Version: QAD MFG/PRO 9.0

Submitted by:

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Standard Features and Options

Motion detection and primary weight indication are provided by the compatible and certified primary weight indicator.

Computer display for operator interaction
Vehicle, customer and product ID

Stored tare weight (identified on the weight ticket)
Weighmaster ticket printing capability

Weigh-in/weigh-out capabilities

Units of measure: lb

Manual weight entries (identified on the weight ticket)
Gross/tare/net weight displays

Minimum System Requirements: Computer display
Alphanumeric keyboard
Printer
Digital indicator with serial communications capability

Operating System: Windows NT 4.0 or later versions
Application Software: Progress Software
Supplemental Software: Progress DB and MFG/PRO
Hardware: 700 MHZ Pentium Processor, 256MB RAM, 20GB hard drive

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: April 8, 2005



Mike Cleary, Director

**California Oils Corporation
Vehicle Scale System Controller
Model: XC.011.00**

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

Identification: The identification information "QAD Mod. XC.011.00 CC 5020a-05" is displayed in the top left program title bar displayed on the monitor. Software version is accessed from the Help drop down menu and selecting About.

Sealing: This system does not require provisions for sealing and is protected by a password and a source code that is maintained by the manufacturer. Provisions for sealing metrological parameters are provided by the certified and compatible indicator and vehicle scale.

Operation: The system controller accepts only gross weights from the electronic indicator. Manual gross weights are permitted only when the indication is at zero. All manual weights are identified as "Man. Wt." on the weight ticket. Inbound and outbound weights are identified by time and date on the weight ticket.

Test Conditions: This certificate supersedes Certificate of Approval Number 5020-00 and is issued to include the version QAD MFG/PRO 9.0 with the enhanced tare capability and database function, and to exclude Model XC.010.00. The system controller utilizes the digital weight indicator and vehicle scale listed below. The emphasis of the evaluation was on device design, operation and print capability.

Certificate of Approval Number 5020-00: The Model XC.010.00 vehicle scale system controller was submitted for evaluation. The system controller was evaluated with a vehicle scale interfaced to a Mettler-Toledo Model Panther digital weight indicator (Certificate of Approval Number 4611(a)-99). Emphasis of the evaluation was on the controller operation, marking requirements, and print format. Additionally, motion detection, momentary power loss, and several weigh-in/weigh-out transactions were also examined.

Results of the evaluations and information provided by the manufacturer indicate the devices comply with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2005 Edition

Tested By: S. Chan (CA)

Update Tested By: Dan Parks (CA)