

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

Certificate Number: 4778(a)-09
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California Type Evaluation Program
Certificate of Approval
for Measuring and Weighing Devices

For:
Scale System Controller
Model: WITS (Weighmaster Inventory Tracking System)
Version: 9.0

Submitted by:
Computer Software Solutions
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Standard Features and Options

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

Semi-automatic zero capability
Ticket/receipt print capability
Operator and customer display for weight indication
Live video weight indication on screen
Stored tare capability
Gross/tare/net display

Minimum system requirements: Computer display
 Alphanumeric keyboard
 Network server (for IT support only, no remote configuration)
 Printer
 Local terminal and network configuration

 Operating system: Windows 2000 or later
 Program Language: Visual Fox Pro
 Processor: 1 GHZ CPU, 256 MB RAM

Note: The user of this system is responsible for correct weighmaster certificate content and compliance with applicable weighmaster laws.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable 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: September 25, 2009



Edmund E. Williams, Director

Computer Software Solutions
Model: WITS
Version: 9.0

Application: General purpose scale system controller when interfaced with compatible, certified indicating and weighing elements.

Identification: The identification information is continuously displayed on the title bar when the system is running.

Sealing: This system does not require provisions for sealing. The system's operational configuration settings are password protected and are retained by the user. The system source code that protects the metrological configuration settings is retained by the software developer. Provisions for sealing metrological parameters are provided by the certified vehicle weighing and indicating elements.

Operation: The operator logs onto the system using a pre-assigned password. The operator records and stores the gross weight of a truck. The truck is emptied and returns to the weighing platform to complete the transaction. The truck does not have to return if pre-determined tares are used. All tares based on pre-determined tares must be followed by "P.T." on the weight ticket. A weight ticket is printed with the following information: gross, tare, and net weight, time, date, location of transaction, truck ID, trailer ID, and operator ID.

Test Conditions: This Certificate supersedes Certificate of Approval 4778-98 and is issued to update the software and weighing operations. The scale system controller software, Model WITS, (Weighmaster Inventory Tracking System), was interfaced with a Cardinal indicating element, Model Number 200 (Certificate of Conformance Number 01-011A4) and Cardinal/Detecto Scale Manufacturing Co. weighing element Model Number XXXYYY-LCM Series (Certificate of Conformance Number 98-006). Several weighing operations were carried out at a field location and several weigh tickets were printed for confirmation with accurate weighing requirements. The emphasis of the evaluation was on device design, operation, interaction with vehicle indicating and weighing elements, customer display, printed information and compliance with accurate weighing requirements.

Previous test conditions are listed below for reference.

Certificate of Approval Number 4778-98: The Model Weighmaster Inventory Tracking System (Version 5.0) was interfaced and tested with a Cardinal Model 738 digital weight indicator (Certificate of Approval Number 2700(d)-92) and a printer. The indicator was tested with a load cell simulator and then with a Cardinal Model 6070 SR 120 000 lb capacity, vehicle scale (Certificate of Approval 1368(b)-80). Emphasis of this evaluation was on device design, operation, performance, marking requirements and print format. Motion detection, momentary power loss, several weigh-in/weigh-outs and stored tare transactions were also examined.

Results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2009 Edition

Tested By: S. Chan (CA) 4778-98; S. Boyd (CA) 4778(a)-09

Computer Software Solutions
Model: WITS
Version: 9.0

Weight certificate Manuf: Computer Software Solutions. Model: WITS Version: 9.0 CA num.: 4778(a)-2009

Truck scale	Work in progress	Information
<input checked="" type="radio"/> Scale # 1 <input type="radio"/> Scale # 2	Current weighmaster Date 08/12/2009 0000005294	Weight certificate 16310
Weighed at: 1 YOUR WAREHOUSE		Gross: 80660 LB <input type="checkbox"/> Only
For account of: A&J Your Customer 129		Tare: 23560 lb <input type="checkbox"/> Only
Delivered to / from: A&J Your Customer 129		Net: 57100 LB <input type="checkbox"/> NET Only
Variety code: M MEDIUM GRAIN		
Lot number: 07-1000 Field / R.I.		
Type of commodity: PADDY RICE % moisture: 22.00 Container: BULK		
Trucker Tag Shipping / Field tag Load # 2		Tare from: <input checked="" type="radio"/> Scale <input type="radio"/> Pre-determined
Carrier: NICK NIMMO	Truck #: 1 License: 1AB2345 State: CA	1
Front Trailer: 100 License: 1XC1234 State: CA	Rear Trailer: 101 License: 1XC1235 State: CA	2
Driver ID		3
Rice	Grain	Nuts
Comments		Unloading pit
		Storage location
Weigh IN Weigh OUT AUTO TAG Print Abandon		Sample number Pit Tag