

California Type Evaluation Program
Certificate of Approval
Weighing and Measuring Devices

For:

Scale System Controller

Model: RECY

Software Version 5.23 SP98 or higher

Submitted By:

AMCS Group, Inc.

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Primary indicating and weighing elements must be compatible and certified.

Standard Features:

- Multiple scale interface with scale identification
- Weigh-in / weigh-out capability
- Weighmaster certificate printing
- Customer data with vehicle and commodity
- Gross, net, tare, and manual indications
- Stored tare
- Void capability

Minimum System Requirements:

- Computer, monitor, keyboard, mouse, and printer
- Operating System: Windows Server 2012 or newer
- Programming language: Progress OpenEdge

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.



Kristin Macey, Director
Effective Date: September 11, 2023

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

Identification: Identification (ID) details including manufacturer, model, software version, and certificate number can be accessed through the “Extras” menu on the top right of the menu bar. The “Task View” window will open, and the ID markings are displayed in the upper right corner (**Figure 1**).

Task View

Location: ☐ Local ☐ Server

Character-Set: iso8859-1	Startup Parameter: c:\recy	Manufacturer: AMCS Group
Date Format: dmy	Operating System: WIN32/W10	Software Model: RECY
Numeric Format: AMERICAN	Resolution: 3440 * 1440 [491.43 * 60]	Software Version: Version 5.23 SP98
User-ID / Group-ID: roote [094] / sys [001]	Application Server: Progress Version	CTEP Certificate: N/A
Language: Englisch [002] [002]	<not available> 10.2A	NTEP Certificate: N/A

Figure 1. Identification markings

Sealing: User access to the system is controlled by ID and passcode. Permissions to perform certain actions within the software are limited upon the user’s level of authority. This software does not affect the metrological characteristics of the scale.

Operation: RECY software is primarily designed for metal and waste recycling. RECY runs in a terminal server environment through a remote desktop connection on the local personal computer (PC). When weight is placed on the scale, the scale operator can capture the weight by pressing “Take Weight” at the bottom of the screen (**Figure 2**). Once a weight is captured, the weight ticket is saved and can be recalled for recording other weights and tares associated with that transaction.

Contract Comm. Business acPC Price UM Weight Paid weight Carr. Freight € Site Inv. by Orig. Sold as

	0	0	0	0.000		0.00	0.00	9	0	30	30	5	0.000
--	---	---	---	-------	--	------	------	---	---	----	----	---	-------

Price=0.000 0.00 0.00

Reference

Seal No.

Cont No.

Item value

No.	Des	n	Value	%	Quantity	Amount

Final Q-Control Save Take weight Zero/No Tare Exit

Figure 2. “Take weight” capture button

Test Conditions: The emphasis of the evaluation was on the operation of the system controller, agreement of indications between the indicating element and automated weight capture, required markings, and weighmaster certificate information. The RECY software was interfaced with an Airway Vehicle Scale Model: 60T1170RS (NTEP CC 93-101A1), and Western Scale Co. Indicating Element

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Model: APX (NTEP CC 15-086A1). To evaluate agreement of indications, weights were captured using a truck on the vehicle scale loaded and unloaded. Low-capacity weights were also captured on a platform scale. Weighmaster certificates were evaluated by a California Division of Measurement Standards Weighmaster Program, Special Investigator.

Evaluated By: J. Burbridge (CA)

Type Evaluation Criteria Used: *California Code of Regulations, Title 4, Division 9, Chapter 1, Article 1. General Code 1.10., 2023 Edition*

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Example(s) of the Device:

The screenshot displays the 'Truck Scale - All weights in lb' software interface. The top section contains input fields for 'Last weight', 'Inbound/Outbound' status, 'Account/Name' (300103), 'No.' (000), 'Curr.' (603), and 'Address'. Below these are fields for 'Ticket no.' (1307623), 'Run' status, 'Tare' checkbox, 'Truck/Car no.', and 'w/o Taxes'. A table of recent transactions is visible, showing dates, times, and weights. The main area is a large grid for detailed transaction data. The bottom section includes a summary table with columns for Contract, Comm, Bus-act, PC, Price, UM, Weight, Paid weight, Carr, Freight USD, Site, Bill, and Sold as. Below this is a section for 'No. Description', 'Value %', 'Quantity', and 'Amount', along with an 'Item value' field. The interface is designed for data entry and reporting in a weighing system.

Contract	Comm	Bus-act	PC	Price	UM	Weight	Paid weight	Carr	Freight USD	Site	Bill	Sold as
1011	NO.	1	H.H.S.	0/S	GT	32,920	0	0	0	103	103	1011.000
						26,040.00	0.00					
						6,880.00	0.00					