

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

Certificate Number: 4228(b)-02
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California Type Evaluation Program
Certificate of Approval
for Water Dispensers

For:

Water Vending Dispenser
Models: NWV-1, NWV-2, NWV-3, and NWV-4
1, 2, 3, 4, and 5 gallon vends
GEMS Sensors Model: RF-2500
(Polypropylene .50" Port)
Controller Model: ROCO, Version 5.8G

Submitted by:

National Water Vendors
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Standard Features and Options

- | | |
|---------------------------|--|
| <u>Model NWV-1</u> | Electronically calibrated
Coin acceptor
Totalizer |
| <u>Model NWV-2</u> | Same as NWV-1, except this is a double dispenser, single cabinet |
| <u>Model NWV-3</u> | Wall unit without internal filtration
Electronically calibrated
Push to vend button
Coin return button
Sold-out light
Use exact change light
Totalizer |
| <u>Model NWV-4</u> | Same as NWV-1 and NWV-2, different cabinet style |

NOTE: Money-operated type devices shall clearly and conspicuously display adequate information detailing the method for the return of monies paid when the product or services cannot be obtained. This information shall include the name, address, and telephone number of the **local** servicing agency for the device.

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: March 8, 2002

Mike Cleary, Director

**National Water Vendors
Water Vending Dispenser
Models: NWV-1, NWV-2, NWV-3, and NWV-4**

Application: Approved for use as a metered water vending dispenser.

Identification: The identification tag is securely attached to the lower front panel of the device.

Sealing: Sealing is accomplished by threading a wire security seal through holes drilled through the clear plastic cover and housing which encloses the ROCO controller board. This prevents access to the calibration button located on the controller board. The GEMS RF-2500 rotor flow meter measuring chamber may be sealed using a tamper-evident, pressure-sensitive, paper seal.

Operation: The Models NWV-1, NWV-2, NWV-3, and NWV-4 are coin-operated water dispensers designed to deliver water at the unit price posted. The totalizer is the water meter gallon totalizer.

Test Conditions: This certificate supersedes Certificate of Approval Number 4228(a)-97 and is issued to include the NWV-2 and NWV-4 dispensers. An NWV-2 dispenser was installed at a location and tested for accuracy on one, two, three, four, and five gallon vends; identification criteria; and coin acceptor verification. Permanence was waived based on testing of previous models listed below which contain the same system components. The NWV-4 dispenser was added without testing because it uses the same metrological components as the NWV-1 and NWV-2 dispensers. Previous test conditions are listed below for reference.

Certificate of Approval Number 4228(a)-97: This certificate superseded Certificate of Approval Number 4228-95 and was issued to add the new National Water Vendors Model NWV-3. A field permanence test was conducted and after approximately two months and more than 6000 vends, a follow-up test was performed.

Certificate of Approval Number 4228-95: A National Water Vendors Model NWV-1 unit was installed at one field location and calibrated for this evaluation. After approximately 30 days and 2 000 gallons of throughput, a subsequent test was performed.

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

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2002 Edition

Tested By: Gary Castro (CA) 4228-95, Tom Bloomer (San Diego County) 4228(a)-97, Dan Reiswig (CA), Greg Mukai (CA) 4228(b)-02