



# BACKFLOW TESTER CERTIFICATION 2017

The CRWA Academy of Water Education is offering a five-day Backflow Tester Certification Course. This class meets SWRCB requirements for initial backflow tester certification. *The Academy of Water Education (AWE) is the on-site training center of the California Rural Water Association in Sacramento. For membership information or a current training schedule, please call 800.833.0322 or visit [www.calruralwater.org](http://www.calruralwater.org).*

## TOPICS INCLUDED:

- ◆ Cross connection control program regulations
- ◆ Plumbing codes
- ◆ Hydraulics and hazards of backflow
- ◆ Presentation of backflow incidents
- ◆ Tester safety training (including personal and work area protection and confined space entry procedures)
- ◆ Approved test procedures and diagnosis of possible failures when testing various backflow assemblies
- ◆ Use of a test simulator to create a variety of failure conditions to help testers recognize and diagnose problems in the field

**DAY 1:** Introductions, hydraulics of backflow, case histories/backflow incidents, definitions, backflow prevention assemblies, reduced-pressure principle backflow assembly (RPBA), testing the RPBA, student testing practice on RPBA, and homework.

**DAY 2:** Section I review, responsibilities of certified testers, student testing practice on RPBA, troubleshooting the RPBA, regulations, types of hazards and protection.

**DAY 3:** Section II review, double check valve assembly (DCVA), testing the DCVA and the DCDA, student testing practice on DCVA, troubleshooting the DCVA, and after-class homework.

**DAY 4:** Review of Sections III, IV, and definitions, student practice on RPBA and DCVA test procedures, pressure vacuum breaker (PVB) and spill-resistant vacuum breaker (SVB), student testing practice on PVB and SVB, troubleshooting the PVB and SVB, student practice on PVB and SVB test procedures and troubleshooting, test gauge care, basic assembly repair, confined space entry training (competent person), and after-class homework.

**DAY 5:** Discussion of Section V review questions, review of all material, written exam, student practice of all four assemblies, and practical test procedure exam.

## INFORMATION FOR ATTENDEES:

- ◆ A confirmation letter and map will be **EMAILED** to you within two weeks of the class date so **please make sure your email address is valid.**
- ◆ All registrants who have registered and paid for the class at least seven business days prior to the class will receive their certificate on-site.
- ◆ If any registrant requires special accommodations for disabilities, please contact our office at 800-833-0322 ext. 1.
- ◆ Cancellations must be received by CRWA in writing five business days prior to the event to qualify for a refund.
- ◆ Cancellations received within this time frame, will be subject to a refund less a \$25 processing fee.
- ◆ All class transfer requests must be received five business days prior to class and are subject to CRWA approval. Transfers will only be valid within the same calendar year.

## REGISTRATION FORM

### Backflow Tester Certification 2017

Please register in advance – class sizes are limited and we expect these sessions to fill up fast!

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Company Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Certificates will be sent to the address above and a copy will be sent to the email address provided.

**INSTRUCTOR:** Garrett S. Yates, Backflow Management Inc.

**CONTACT HOURS:** This course is worth 36 SWRCB Water Contact Hours.

**SCHEDULE:** Monday 9:00 am – 5:00 pm | Tuesday – Friday: 8:00 am – 5:00 pm  
(Lunch 12:00 pm – 1:00 pm – PROVIDED)

**LOCATION:** 1234 North Market Blvd, Sacramento, CA 95834

**DATES:** ☐ October 30 – Nov 3, 2017 (Exam Date: November 3<sup>rd</sup>)

Please mark which certifying body you will be testing with:

☐ AWWA or ☐ NCBPA

**\*Please Note\* the instructions for AWWA have changed!!!! You MUST submit your application for testing and payment DIRECTLY to AWWA 20 days prior to the class date! If you do not, you WILL NOT be able to test with AWWA!!! PER AWWA REGULATIONS!!!!**

## Payment Information for Testing Fees:

☐ AWWA member: \$180 | ☐ AWWA Nonmember \$200 | ☐ NCBPA: \$100

## Payment Information:

☐ CRWA member: \$900 ☐ Nonmember: \$1,100 Payment Total: \$ \_\_\_\_\_

☐ Check to follow in mail (payable to CRWA)

Credit Card #: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

To register, please  
send completed  
form to CRWA via:



Fax: 916.553.4904

Email: [cubaldo@calruralwater.org](mailto:cubaldo@calruralwater.org)

Mail: CRWA, 1234 North Market Blvd.  
Sacramento, CA 95834

Opt-out: If you wish to be taken off our distribution list,  
please call 800.833.0322 or email [ccolson@calruralwater.org](mailto:ccolson@calruralwater.org). Thank you!