# Advanced Backflow Testing and Diagnostic Procedures

## Two Day Seminar

- **May 27-28, 2020**
- **July 13-14, 2020**
- **October 13-14, 2020**
- **December 15-16, 2020**

**8:00 AM - 4:30 PM**

**Holliston, MA**

**NEWWA Training Center**

**0.6 CEUs**

**Equivalent to 6.0 Training Contact Hours (TCHs)**

## HOW TO REGISTER

### Registration Fee:
- $225 or $425 with Exam

### Fees cover:
- Attendance, breaks, lunch, and CEU certificate

Register online at newwa.org/training. Or, complete the registration form and return by fax to (508) 893-9898 or detach and mail with a check or purchase order to:

**NEWWA**

125 Hopping Brook Road

Holliston, MA 01746-1471

**P (508) 893-7979
F (508) 893-9898
newwa.org**

### CANCELLATION / REFUND POLICY

NEWWA Reserves the right to cancel a course due to insufficient enrollment. In the event of a cancellation, you will be notified by phone and have the option of obtaining a full refund or applying payment to the next available course.

If you cannot attend you must contact NEWWA in writing two business days prior to the start of this program. Credits issues are valid for six months from the start date of this program. Credits issues are non-refundable and non-transferable. Written refund requests must be received within two weeks of the start date of this program. If you register within 2 days of the course add a $20 late fee.

## LOCATION/DIRECTIONS

The Advanced Backflow Testing and Diagnostic Procedures Course will be held at NEWWA.

**125 Hopping Brook Road**

Holliston, MA 01746

**Directions will be sent with confirmation 2 weeks prior to start of course.**

## Registration Form

**Advanced Backflow Testing and Diagnostic Procedures**


| Name: | ____________________________________________________________________ |
| Nickname: | ____________________________ |
| NEWWA Member #: | ____________________________ |
| (As you want your name on CEU certificate) (As you want on your name badge) |
| Company: | ____________________________________________________________________ |
| Address: | ____________________________________________________________________ |
| City, State, Zip: | ____________________________________________________________________ |
| Phone: | ____________________________ |
| Fax: | ____________________________ |
| Email*: | ____________________________________________________________________ |
| (Email address is required to receive confirmation) |

Check which session you will attend:

- [ ] May 27-28, 2020
- [ ] July 13-14, 2020
- [ ] October 13-14, 2020
- [ ] December 15-16, 2020

**Total Fee Enclosed: $__________**

| Method of Payment: |
| Personal Check (payable to NEWWA) | Company Check | PO Enclosed | Personal Check (payable to NEWWA) | Company Check | PO Enclosed |
| Price: |
| $225 | $425 with Exam |

**PO # Credit Card # Exp**

Check here if you have a disability and require accommodations to fully participate. You will be contacted by NEWWA.

*NOTE: You must provide an email address to receive confirmation of your registration. Any questions call NEWWA at (508) 893-7979.*
TARGET AUDIENCE

This advanced-level course is for practicing testing professionals who wish to expand their knowledge of advanced backflow testing procedures and improve their diagnostic skills. Registrants should be a valid certified Backflow Prevention Device Inspector/Tester from a recognized organization. It is also strongly recommended that registrants be actively testing backflow prevention devices. Individuals who do not hold a valid certification may take this training with the approval of NEWWA's program coordinator.

DESCRIPTION OF COURSE

This course will begin with a review of test procedure fundamentals, designed to refresh skills and provide a platform for advanced instruction. Students will learn specialized field-test procedures, diagnostic techniques in small groups, and how to solve actual field operational problems through troubleshooting. Hands-on testing will be performed on 1/2 - 4-inch double check valves, reduced pressure principle, and pressure vacuum breaker backflow preventers.

SPECIAL INFORMATION

Note: The repair of backflow prevention device assemblies should be conducted in accordance with local, state, and federal regulations, which may require persons performing repairs to hold a professional license (e.g., plumbing or fire sprinkler). Please check with the appropriate state/local authority to confirm who can repair devices and what specific licenses are required to do so.

LABORATORY

“Hands-on” testing will be performed on 1/2” through 4” double check valve, reduced pressure principle and pressure vacuum breaker backflow preventers. In addition to brushing up on current testing skills and learning new testing procedures, students will have an opportunity to visit various lab stations which will demonstrate various troubleshooting situations and allow them to practice their diagnostic techniques.

STUDENT QUALIFICATIONS

Registrants should be a valid Certified Backflow Prevention Device Inspector/Tester from a recognized organization. It is also strongly recommended that registrants be actively testing backflow prevention devices. Individuals who do not hold a valid certification may take this training with the approval of the NEWWA Program Coordinator.

SEMINAR PROGRAM

- Introduction & Certification Requirements
- Review of Basic Operation of Backflow/ Prevention Devices Assemblies
- Problems Encountered with Various Models of Backflow Prevention Assemblies
- Review of NEWWA Backflow Prevention Devices Assemblies Test Procedures
- Break
- Problems Encountered During Testing
- Alternative Test Procedures and Advanced Diagnostic Techniques
- Lunch
- “Hands-On” Lab Testing
- Break
- Regulations
- Completing Forms
- Adjourn

ABOUT NEWWA

The New England Water Works Association is a membership association for the advancement of knowledge related to water works and water supply activities founded in 1882. The Association has a wide range of activities including an annual conference, monthly meetings, scholarships, training programs, and the Journal. NEWWA affiliated with AWWA as a section in 1987, providing the opportunity to join and receive all benefits of both associations at a reduced rate. Membership benefits include notices of all meetings, subscription to both Journals and all newsletters, discounts on training programs, and publications. If you join by the date of the program you will be able to immediately receive the member discount.

NEWWA has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET).

LEARNING OUTCOMES

Learning Outcomes, How Learning Outcomes Will Be Assessed, Assessment Feedback, Prerequisites, Technology Requirements

This information can be viewed by visiting www.newwa.org Please contact Jeanne Gilpin, NEWWA Registrar, if you require additional information or assistance at (508) 893-7979 ext. 223 or jgilpin@newwa.org