

New England Water Works Association

A Section of the American Water Works Association

DATES/LOCATIONS

January 10-13, 2012
May 8-11, 2012
Holliston, MA

February 7-10, 2012
Manchester, NH

February 14-17, 2012
East Providence, RI

March 12-15, 2012
Norristown, PA

March 19-22, 2012
Hawthorne, NJ

March 20-23, 2012
Hartford, CT

April 10-13, 2012
Boston, MA

April 17-20, 2012
Syracuse, NY

April 24-27, 2012
Danbury, CT

April 24-27, 2012
Clifton, NJ

May 8-11, 2012
Topsham, ME

May 22-25, 2012
Bayville, NJ

June 5-8, 2012
Allentown, PA

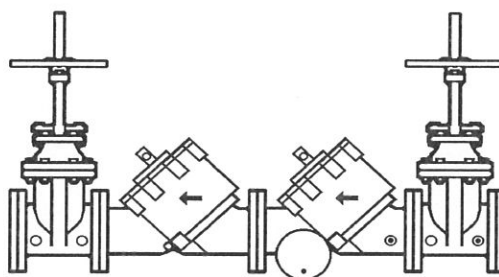
June 12-15, 2012
Boonton, NJ

June 19-22, 2012
Latham, NY

June 26-29, 2012
Hartford, CT

Backflow Prevention Device Inspector/Tester Training

January 1 - June 30, 2012



2.0 CEUs

Equivalent to 20 Training Contact Hours (TCHs)

Reserve Your Space Now!

Visit www.newwa.org
for a complete listing of all seminars

Presented by:



**New England
Water Works Association**

A Section of the
American Water Works Association

Backflow Prevention Device Inspector/Tester Training

COURSE DESCRIPTION

The course is presented from a practical viewpoint with a blend of classroom and hands-on training. The concepts of a cross-connection and the health hazards related to them will be discussed, as will the types of backflow, the causes of backflow, how to protect a cross-connection and how to test three types of backflow prevention devices. The philosophies of containment and in-plant protection for controlling cross-connection will be discussed as will the installation of devices and the aspects of choosing the appropriate device. A detailed explanation of the working of backflow prevention device is presented as is how to troubleshoot them.

The course material will include a discussion of EPA, states, public water systems, and consumers' role in controlling cross-connection. A review of the Safe Drinking Water Act, plumbing and fire protection codes will also be included in the training.

NEWWA certification is universally accepted; however, some states such as Massachusetts, Connecticut, and New York require their own certification, separate from the NEWWA Certification. This will be discussed during the training.

The objective of this training is to provide the student with the understanding of cross-connection control and the knowledge to test backflow prevention devices. After taking this training, the student will be able to identify backflow prevention devices, understand how they function and how to test a reduced pressure zone backflow prevention device, a double check valve assembly and a pressure vacuum breaker. The student will be given the basic knowledge of the public health issues related to cross-connections, what causes backflow, the different types of testable and non-testable backflow prevention devices, where to use backflow prevention devices, how to troubleshoot them, the responsibilities of a tester, and how to become a certified tester with NEWWA and States. Examinations for NEWWA Backflow Prevention Device Inspectors (Tester) Certification will be given at the conclusion of the training.

BACKFLOW TRAINING SCHEDULE

DAY 1: 8:00 A.M. - 4:30 P.M.
DAY 2: 8:00 A.M. - 4:30 P.M.
DAY 3: 8:00 A.M. - 4:30 P.M.
DAY 4: 8:00 A.M. - 1:00 P.M.

TRAINING OBJECTIVES

Upon successful completion of the Course the student will be able to understand:

1. Cross-Connection Terminology
2. How Cross-Connections Impact Public Health
3. The Basic Hydraulics of Backflow
4. How Cross-Connections are Controlled
5. The roles of EPA, States, Local Government, Public Water Systems, and Others to Control Cross-Connections. Define cross connection and list common cross connections.
6. The Types of Cross-Connections
7. How Cross-Connections are Protected or Controlled
8. How To Identify Backflow Prevention Devices
9. How Backflow Prevention Devices are used
10. How Backflow Prevention Devices Function. Troubleshoot failed devices
11. How Backflow Prevention Devices are Tested
12. How to Troubleshoot Failed Devices
13. How to Properly Complete Common Report forms

**BACKFLOW INSPECTORS CERTIFICATION
WRITTEN AND PRACTICAL EXAMS ARE
GIVEN ON THE FINAL DAY**

If you would like to preview the cross-connection manual used in the training, you can do so by going to the EPA web site at http://water.epa.gov/infrastructure/drinkingwater/pws/crossconnectioncontrol/crossconnectioncontrol_manual.cfm

CROSS CONNECTION CONTROL SURVEYING VIDEO

This 25 minute video, which is shown during the NEWWA *Cross-Connection Control Surveyor* Training, is designed to present a complete overview of the cross connection control survey process in capsulated form. NEWWA instructor Howard Hendrickson guides you through key issues such as planning and notification, surveyors' role and responsibilities and device installation recommendations. The program culminates in an actual field survey of a two hundred-fifty bed hospital with full report of findings. **You follow the survey team every step of the way!**

Accompanying the video at no charge is the USEPA Cross Connection Control Manual detailing many issues covered in the video and expanding on others. Together, the video and manual make a powerful, reference combination.

RECOMMENDED PRACTICE FOR BACKFLOW PREVENTION AND CROSS CONNECTION CONTROL

M 14

You will find all the information you needed to eliminate the threat of backflow and cross-connection in your distribution system. This manual describes currently accepted practice for initiating and managing an effective cross-connection control program. This manual is designed as a professional guidance manual for those involved in detection and elimination of unprotected cross-connections, to establish uniform procedures and practices. Coverage includes backflow device selection and the latest techniques for inspection and maintenance.

BACKFLOW PREVENTION AND CROSS CONNECTION CONTROL VIDEO

This video is specially developed to reinforce and demonstrate the information in AWWA Manual M14

LEARNING OBJECTIVES

**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



#1671

Backflow Prevention Device Inspector/Tester Training

MASSACHUSETTS

Holliston, MA
NEWWA Training Center
January 10-13, 2012
May 8-11, 2012

Boston, MA
Boston Water and Sewer
Commission
April 10-13, 2012

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CONNECTICUT

Hartford, CT
Metropolitan District Commission
March 20-23, 2012
June 26-29, 2012

Danbury, CT
Danbury Wastewater Treatment
April 24-27, 2012

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RHODE ISLAND

East Providence, RI
Bucklin Point Wastewater
February 14-17, 2012

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NEW HAMPSHIRE

Manchester, NH
Manchester Water Works
February 7-10, 2012

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MAINE

Topsham, ME
Brunswick & Topsham Water
District
May 8-11, 2012

PENNSYLVANIA

Allentown, PA
Bureau of Water Resources
June 5-8, 2012

Norristown, PA
Aquarius Supply
March 12-15, 2012

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NEW JERSEY

Boonton, NJ
Jersey City Water Treatment
Facility
June 12-15, 2012

Bayville, NJ
Ocean County Water Utilities
Authority
May 22-25, 2012

Clifton, NJ
Passiac Valley Water Avenue
April 24-27, 2012

Hawthorne, NJ
Aquarius Supply
March 19-22, 2012

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NEW YORK

Syracuse, NY
Onondaga County Water Authority
April 17-20, 2012

Latham, NY
Latham Water District
June 19-22, 2012

NEW ENGLAND WATER WORKS ASSOCIATION

New England WaterWorks Association is a non-profit membership association for the advancement of knowledge related to water works and water supply activities.

Membership benefits include notices of all meetings, subscription to both Journals and all newsletters, discounts on training programs and publications. If you or your organization is interested in joining NEWWA please call us.

REGISTRATION

Three ways to register: Internet, Fax or Mail. Please see registration form for fees. Fees include 20 hours of classroom and hands-on training, a Certificate for 2.0 CEUs, workbook, handouts, examinations, and a "Certificate," upon meeting the requirements. Lunch is not provided.

If you need to cancel, you must contact NEWWA in writing at least two business days prior to start of the course to request a refund. A \$30 cancellation fee will be assessed. If you do not attend the course, and do not contact NEWWA in writing as specified above, you will be charged a "No-Show" fee which is equal to the original course registration fee. The "No-Show" fee is non-refundable and non-transferable. Written refunds/credit request will be considered for special circumstances provided that the request is received by NEWWA within two weeks of the start of this training. Registrations received within two days of the start of this training will be assessed a \$20 late application fee. For further information call NEWWA office at the number below

Registration may be made on line at www.newwa.org or by filling out this form and mailing or faxing it to the address below. Please indicate form of payment.

NEWWA
125 Hopping Brook Road
Holliston, MA 01746-1471
508-893-7979
FAX: 508-893-9898

NEWWA reserves the right to cancel or change the location of a course. In the event of a cancellation or relocation, you will be notified by phone and have the option of obtaining a full refund or applying payment to the next available course.

You will receive an enrollment confirmation approximately 2 WEEKS PRIOR TO THE TRAINING along with detailed directions, which are also available at www.newwa.org.

Registration Form

2012 Backflow Prevention Device Inspector/Tester Training

Part I - Please complete this entire section including phone numbers, fax, email, and NEWWA / AWWA member number if applicable. The address should be your billing address for these courses.

Part II - Please check the date/location of the training you will be attending. If you register within two days - add a \$20 late fee.

Part III - Please indicate the method of payment by checking the appropriate box and filling in the TOTAL FEE box. If you will be paying by credit card, you must include the card number and expiration date. Please keep a copy of this registration form for your records. One name per registration form. For additional registration forms reproduce this form or call NEWWA if you have any questions (508) 893-7979.

PART I - PARTICIPANT INFORMATION

Name	Business Phone:	
	Cell Phone:	
Company	Fax	
Billing Address		
City	State	Zip
Email	NEWWA Member # (if applicable)	

Part II: Please check the date/location of the training you will be attending.

Holliston, MA	<input type="checkbox"/> January 10-13, 2012 <input type="checkbox"/> May 8-11, 2012	\$675 \$675	Danbury, CT	<input type="checkbox"/> April 24-27, 2011	\$675
Manchester, NH	<input type="checkbox"/> February 7-10, 2012	\$675	Clifton, NJ	<input type="checkbox"/> April 24-27, 2012	\$775
E. Providence, RI	<input type="checkbox"/> February 14-17, 2012	\$675	Topsham, ME	<input type="checkbox"/> May 8-11, 2012	\$675
Norristown, PA	<input type="checkbox"/> March 12-15, 2012	\$775	Bayville, NJ	<input type="checkbox"/> May 22-25, 2012	\$775
Hawthorne, NJ	<input type="checkbox"/> March 19-22, 2012	\$775	Allentown, PA	<input type="checkbox"/> June 5-8, 2012	\$775
Hartford, CT	<input type="checkbox"/> March 20-23, 2012	\$675	Boonton, NJ	<input type="checkbox"/> June 12-15, 2012	\$775
Boston, MA	<input type="checkbox"/> April 10-13, 2012	\$675	Letham, NY	<input type="checkbox"/> June 19-22, 2012	\$775
Syracuse, NY	<input type="checkbox"/> April 17-20, 2012	\$775	Hartford, CT	<input type="checkbox"/> June 26-29, 2012	\$675

Course Fee: \$ _____
 Late Fee \$20 \$ _____

PLEASE CONSIDER ORDERING ANY OF THESE RELATED RESOURCES

I would like to purchase the AWWA Backflow Prevention and Cross Connection Control Video \$195 _____
 I would like to purchase the AWWA Manual 14 "Recommended Practice for Backflow Prevention and Cross Connection Control" \$ 72 _____
Total Fee: \$ _____

PART III - METHOD OF PAYMENT

<input type="checkbox"/> Check (Payable to NEWWA) <input type="checkbox"/> P.O.# _____ <input type="checkbox"/> MasterCard/Visa <input type="checkbox"/> AMEX			Amount enclosed
			\$
Credit Card #	Expiration Date	Signature:	

Cancellation Policy: If you cannot attend this training, contact NEWWA in writing two business days prior to the start of this program to request a refund or credit minus a \$30 administrative fee. You will be charged 100% of the original course registration fee if you contact NEWWA within one business day. This charge is non-refundable and non-transferable. Written refund/credit request made for special circumstances will be considered if received within two weeks from the start date of this program. Credits issues are valid for six months from the date of this program.

MAIL OR FAX TO: NEWWA, 125 Hopping Brook Road, Holliston, MA 01746-1471
Phone: 508 - 893-7979 - Fax No: 508-893-9898

- Check here if you have a disability and require accommodations to fully participate. You will be contacted by NEWWA.
 I am considering membership in NEWWA/AWWA. Please send information.