

Training and Education

Cross-Connection Control is vital to the protection of the public water supply. Because it is so critical, proper training of personnel is crucial to the implementation of a viable cross-connection control program. The Delaware Rural water Association is offering three types of courses. The Introduction to Cross-Connection Control and Backflow Prevention training course is designed to train participants in the basics of cross-connection control and backflow prevention. The Surveyor training course is designed to train participants which will be administering a cross-connection control program. The Backflow Prevention Assembly Tester Course is designed to train participants in the proper procedures and methods of field testing various types of backflow prevention assemblies.

CCBFP#1

Introduction to Cross-Connection Control and Backflow Prevention – 8 hours

This course is designed to train those individuals on cross-connection control basic concepts in a simple format. This course will cover basic hydraulics, definitions and the concepts of backflow. It will explain the applicable regulations relative to cross-connection control and backflow prevention and describe the specific responsibilities of the public water supply, plumbing inspectors, health officials, plumbers and the water consumer. Participants will also learn how to identify and describe the hazards associated with cross connections and list some common cross connections. Participants will also learn the basic hydraulics of a backflow condition and the differences between backflow due to backpressure and backsiphonage. This course will also describe the different types of backflow prevention assemblies, devices, methods and what backflow conditions they protect against. Upon completion of this course and the written examination the participant will be issued a “certificate of completion” from the Delaware Rural Water Association.

Course prerequisite – None

Cost \$75.00

BFSC#2

Surveyor Course – 40 hours

This course is designed to train those involved in administering a cross-connection control program for a public water supply. Subjects covered in this course include: policies and procedures, rules and regulations, record keeping, public relations, plan checks and site surveys. The necessary items of regulations are discussed along with specific policies and procedures needed to carry out an effective cross-connection program in the public water supply. Participants will be taught how to plan and conduct an actual site survey of a facility in order to determine which type of backflow protection, if any is required to make the facility compliant with cross-connection control regulations. Upon completion of this course and the written and individual performance examinations where each participant must demonstrate his or her ability to conduct a survey the participant will be issued a “certificate of completion” and a “surveyor certification card” from Delaware Rural Water Association. The certification card and number will allow participants to conduct surveys in the State of Delaware only.

Course prerequisite – Introduction to Cross-Connection Control & Backflow Prevention Certificate

Cost \$225.00

BPATC#3**Backflow Prevention Assembly Tester Course – 40 hours**

This course is designed to train participants in the intricacies of field testing of backflow prevention assemblies. Backflow prevention assemblies included are: pressure vacuum breakers, spill proof vacuum breakers, double check valve assemblies and the reduced pressure backflow preventer assemblies, (RPZ). This training course will be composed of a series of lectures followed by guided exercises in a wet lab where “hands-on” activities and experience will provide an understanding of the proper field-testing methods for backflow prevention assemblies. The necessary tools, test gauges and other equipment are provided for use in the wet lab sessions. There will be plenty of backflow prevention assemblies, tools and gauges available for the students to practice on during the wet lab practice times of the course. Upon completion of this course and the written and individual performance tests where each participant must demonstrate his or her ability on each assembly the participant will be issued a “certificate of completion” and a “tester certification card” and a “tester certification number” from the Delaware Rural Water Association. The certification card and number will allow participants to test backflow prevention assemblies in the State of Delaware only.

Course prerequisite – Introduction to Cross-Connection Control & Backflow Prevention Certificate and Surveyor Course Certificate and Certification Card

Cost \$400.00

Issue: 02-19-2010