



Backflow Tester Certification Training

Training Course Scope: Test Gauge Inc. provides a 40 hour backflow tester certification course designed to comply with the State criteria's for becoming a certified backflow tester in Ohio, Kentucky, Indiana and ASSE national certifications. All instruction course materials are derived from backflow industry accepted standards including the University of Southern California (USC), The American Society of Sanitary Engineering's (ASSE), and the American Water Works Association (AWWA). Also included within this backflow training course are backflow regulatory requirements required by the Environmental Protection Agency (EPA), State and Local regulations, State Plumbing Code, State Fire Code, and State Department of Health regulations.

Classroom Training Day One

1. Introduction and Orientation to cross connection control testing

Training duration -1.0 hours

2. Programs and Responsibilities

Training duration – 1.5 hours

3. Basic Hydraulics

Training duration – 1.5 hours s

4. Degree of Hazard

Training duration – 1.5 hours

5. Backflow assembly protection commensurate with the degree of hazard

Training duration – 1.0 hours

6. Cross Connection Inspections

Training duration 2.0 hours

Total of 8.5 hours

Classroom Training Day Two

7. Report Forms and Records

Training duration 2.0 hours

8. Defensible Backflow Prevention Program

Training duration 2.0 hours

Total of 12 hours

9. Introduction to Backflow Prevention Assemblies

Training duration 3.5 hours

10. Detailed explanation of backflow differential pressure gauge

Training duration 1.0 hours

Total of 17 hours

Classroom Training Day Three

11. Double Check Assembly (DC)

Training duration 1.0 hours

12. Testing Double Check Assembly

Training duration 1.0 hours

13. Instruction of students individually in a backflow wet lab. (testing procedure practices)

Training duration 1.0 hours

14. Diagnosing, troubleshooting correctly a backflow assembly in failed operating configuration

Training duration 1.25 hours

15. Pressure Vacuum Breakers (PVB)

Training duration 1.0 hours

16. Testing Pressure Vacuum Breakers Assembly

Training duration 1.0 hours

17. Instruction of students individually in a backflow wet lab. (testing procedure practices)

Training duration 1.0 hours

18. Diagnosing, troubleshooting correctly a backflow assembly in failed operating configuration

Training duration 1.25 hours

Total of 25.5 hours

Classroom Training Day Four

19. Spill Proof Vacuum Breakers (SVB)

Training duration 1.0 hours

20. Testing Spill Proof Vacuum Breakers Assembly

Training duration 1.0 hours

21. Instruction of students individually in a backflow wet lab. (testing procedure practices)

Training duration 1.5 hours

22. Diagnosing, troubleshooting correctly a backflow assembly in failed operating configuration

Training duration 1.0 hours

23. Reduced Pressure Principle Assemblies (RP)

Training duration 1.0 hours

Testing Reduced Pressure Principle Assemblies

Training duration 1.0 hours

24. Instruction of students individually in a backflow wet lab. (testing procedure practices)

Training duration 1.0 hours

25. Diagnosing, troubleshooting correctly a backflow assembly in failed operating configuration

Training duration 1.0 hours

Total Training duration 34 hours

Classroom Training Day Five

27. Addition review of course material and testing procedures.

Training duration 2.0

28. Final Written Examination

Duration 3.0

29. Oral and practical testing is in accordance with current USC backflow testing requirements

1.0 hours to complete practical examination

30. Student must conduct test on backflow assembly in normal operating configuration.

31. Student must conduct 2nd test on a different type backflow assembly

Total of 40 hours

Requirements of certification training school

Instructors and all proctors must initial and sign final examination test result forms

Backflow Inc. retains the student's original final test form for 5 years

Provide documents to State for final backflow tester registration approval.