

BAC-FLO

UNLIMITED, INC.

- SPRING 2012 - COURSE SCHEDULE



- Obtain/renew your backflow testing license
- Receive free in-field troubleshooting assistance
- All courses approved by TCEQ and TSBPE
- Certification and renewal courses are separate
- Free gauge certification for CEU students

Leaders in Backflow Prevention

COURSES - WATER USE SURVEYS - CONSULTING - GAUGE TESTING

BAC-FLO UNLIMITED, INC: "Don't Settle for Less!"

210-698-0411

bacflounlimited.com

1-800-638-6232

40 Hr. Backflow Tester Certification

- Fully qualifies student as a TCEQ Approved Backflow Assembly Tester in Texas.
- This course is TCEQ approved, consisting of approx. 16 hrs. classroom training and 16 hrs. hands-on practical skills training – 40 hrs. total including exam.
- Bac-Flo Unlimited offers free troubleshooting assistance upon completion of this course.
- Bac-Flo Unlimited's state qualifying exam is included with the standard fee and all necessary information is submitted to the TCEQ upon successful course completion (no materials needed for course attendance).
- The TCEQ requires two years of water related work experience and high school diploma or GED to apply for a Backflow Prevention Assembly Tester's License.
- **Bundle package:** Includes 40 hr. tester course and 5-valve differential pressure gauge with one-year certification report.
- **TCEQ Training Credits provided:**
 - 12 Hrs. Water/Wastewater Operator License
 - 12 Hrs. State Irrigation License
 - 100 Hrs. towards obtaining Plumbing Inspector's License
 - 12 Hrs. Customer Service Inspector
 - 12 Hrs. Water Treatment Specialist

Cost: \$595.00 (Bundle price: \$1395.00)

Course Dates	Location	Course Number
Jan. 30 - Feb. 3, 2012	San Antonio (Boerne)	1305
Mar. 5 - 9, 2012	Houston	1405
Mar. 26 - 30, 2012	San Antonio (Boerne)	1505
May 7 - 11, 2012	San Antonio (Boerne)	1605
Jul. 16 - 20, 2012	San Antonio (Boerne)	1705

8 Hr. Fundamentals of Backflow Prevention

- This is an eight hour TCEQ approved course not limited to just backflow prevention assembly testers.
- Beneficial to engineers, counter sales personnel, maintenance employees, plumbing inspectors, water/wastewater operators, irrigators, backflow testers, etc.
- Topics discussed: TCEQ compliance factors, approved backflow protection, hazardous conditions, testing requirements, terminology, backflow incidents, updates on industry, etc.
- **8 Hrs. TCEQ Training Credits provided to Backflow Prevention Assembly Testers, State Licensed Irrigators, Water/Wastewater Operators, Customer Service Inspectors and Water Treatment Specialists.**

Cost: \$245.00

Course Dates	Location	Course Number
Jan. 10, 2012	San Antonio (Boerne)	1364
Feb. 14, 2012	San Antonio (Boerne)	1464
Apr. 10, 2012	San Antonio (Boerne)	1564
Apr. 24, 2012	Houston	1664
Jun. 5, 2012	San Antonio (Boerne)	1764
Jul. 24, 2012	San Antonio (Boerne)	1864

Learn From Experienced Instructors

Troy Baird is a licensed irrigator and licensed master plumber holding a water supply protection specialist endorsement. He is certified by the American Backflow Prevention Association as a backflow prevention assembly tester and proctor, and is recognized by the University of Southern California as a cross connection control specialist. Troy received his bachelors degree in management from Texas State University and is recognized on a national level as a certified public manager. He has been a TCEQ approved cross connection control instructor for approximately 15 years with experience in testing, troubleshooting and repairing all sizes of backflow prevention assemblies. He has conducted numerous cross connection control surveys with shut down and dye testing for separation assurance along with being directly involved with lead solder sampling and abatement processes.

Fred Baird, lead instructor and chief technical consultant, has been in the backflow prevention industry for over 35 years. He developed and enforced San Antonio Water System's Backflow Prevention Program and has investigated hundreds of cross connections and backflow incidents. Some of the events and committees Fred has been involved with include the following: American Water Works Association's Cross Connection Control Manual Revision Committee, APBA Training and Education Committee, TCEQ Cross Connection Control Work Group, and past Director ABPA Region IV. Fred has conducted backflow prevention training courses for more than 35 years.

Bruce Rathburn has been associated with the construction and the backflow prevention industry for approximately 25 years. He currently enforces San Antonio's Cross Connection Control Program and is responsible for potable recycle water separation requirements in San Antonio. Bruce has served as president of the San Antonio ABPA Chapter and sits on the Board of Directors. He maintains a TCEQ Water Utility License and ABPA Proctor License. Bruce is a member of the TCEQ Cross Connection Control Work Group and is the current outgoing President of the American Backflow Prevention Association.

Products and Services

Gauge Testing

Differential pressure gauges are required to be tested for accuracy when purchased and annually thereafter by local jurisdictions. Bac-Flo Unlimited provides this service, verifying gauge accuracy and providing a detailed report. Gauge certifications are available throughout the year for \$60.00. A gauge may be shipped via UPS/FedEx for an additional \$20 S+H fee.

Sight Tube & Bleed Off Valve Kits

These kits include a two piece sight tube made of clear schedule 40 PVC (3/4" x 28"), brass bleed off valve 45 & 90 degree adapter fittings.

Cost: \$129.00 + tax

Gauges for Purchase

Differential pressure gauges are available and come with a free one year accuracy test certification. Call for additional information.

Consulting Services

- Cross Connection/Backflow Prevention Problem Solving
- Emergency Response to Backflow Incidents
- Cross Connection Survey Assistance
- Assistance in Backflow Prevention Program Development
- Shutdown/Dye Testing - Separation Assurance

8 Hr. Tester Practical Skills Course

- This course satisfies the 8 hours of practical skills/hands-on training that's required by TCEQ every three years for backflow prevention assembly testers.
- Free gauge test and backflow assembly parts/repair manual included with this course.
- [8 Hrs. TCEQ Training Credits provided to Backflow Prevention Assembly Testers.](#)

Cost: \$245.00

Course Dates	Location	Course Number
Jan. 11, 2012	San Antonio (Boerne)	1360
Feb. 15, 2012	San Antonio (Boerne)	1460
Apr. 11, 2012	San Antonio (Boerne)	1560
Apr. 25, 2012	Houston	1660
Jun. 6, 2012	San Antonio (Boerne)	1760
Jul. 25, 2012	San Antonio (Boerne)	1860

16 Hr. Tester Practical Skills & Repair Course

- First day provides 8 hours of hands-on training that satisfies the TCEQ hands-on requirements, the second day testers practice advanced troubleshooting and repair techniques.
- Includes parts/repair manual.
- [16 Hrs. TCEQ Training Credits provided to Backflow Prevention Assembly Testers.](#)

Cost: \$395.00

Course Dates	Location	Course Number
Jan. 11 - 12, 2012	San Antonio (Boerne)	1361
Feb. 15 - 16, 2012	San Antonio (Boerne)	1461
Apr. 11 - 12, 2012	San Antonio (Boerne)	1561
Apr. 25 - 26, 2012	Houston	1661
Jun. 6 - 7, 2012	San Antonio (Boerne)	1761
Jul. 25 - 26, 2012	San Antonio (Boerne)	1861

24 Hr. Tester Fundamentals, Practical Skills & Repair

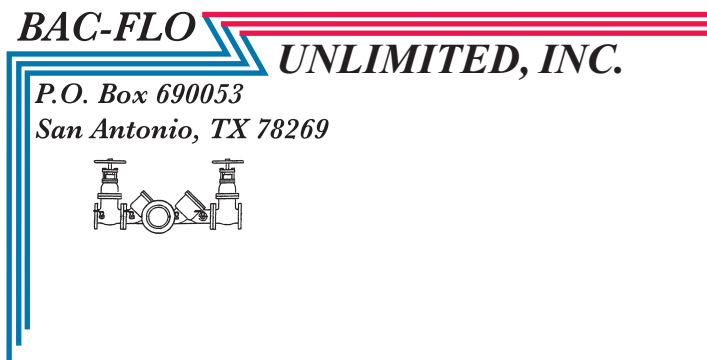
- First day - Overall cross connection control and backflow prevention review including latest cross connection control and backflow prevention updates.
- Second day-Basic skill level of tester re-established, hands-on training requirements satisfied.
- Third Day - Advanced troubleshooting and repair.
- Parts/repair manual included.
- [TCEQ Training Credits provide: 24 Hrs. Backflow Testing License, 8 Hrs. State Irrigation License, 8 Hrs. C.S.I. License, 8 Hrs. Water/Wastewater Operators license, 8 Hrs. Water Treatment Specialist.](#)

Cost: \$495.00

Course Dates	Location	Course Number
Jan. 10 - 12, 2012	San Antonio (Boerne)	1362
Feb. 14 - 16, 2012	San Antonio (Boerne)	1462
Apr. 10 - 12, 2012	San Antonio (Boerne)	1562
Apr. 24 - 26, 2012	Houston	1662
Jun. 5 - 7, 2012	San Antonio (Boerne)	1762
Jul. 24 - 26, 2012	San Antonio (Boerne)	1862

Bac-Flo Unlimited Training: “Don’t Settle for Less!”

- **Free Gauge Accuracy Test** – One free gauge certification is available to each currently enrolled student in a continuing education course. Gauge testing is not part of course instruction, though Bac-Flo Unlimited can offer this service due to having two instructors on site (continuing education courses only).
- **Free Troubleshooting Assistance** – After completing a Bac-Flo Unlimited 40 hr. tester course or 3-day refresher, testers can call for assistance in the testing, troubleshooting and repairing backflow prevention assemblies. In most instances we can solve your problem over the phone.
- **Two Instructors** – This is beneficial in the hands-on training of backflow prevention assembly testers. It enables students the opportunity to have personal, one-on-one training with an instructor.
- **National ABPA Tester Certification** – This certification is useful for testers who plan to test backflow prevention assemblies outside of Texas. The course and training material are the same as for state certification with the exam being provided by the American Backflow Prevention Association. Add \$145⁰⁰ to the price of the 40 hr. tester course for national certification
- **TCEQ Training Credits** – Texas Commission on Environmental Quality (TCEQ) training credits are provided with all courses. CEU’s are also provided by the Texas State Board of Plumbing Examiners for credit toward obtaining a plumbing inspector’s license.
- **Separate Testing Stations** – Backflow assembly practice stations are portable and spread out over a large area. Each testing station averages two and three students and has seating available. This optimizes the learning environment for the hands on portion of courses.
- **Learn from Experience** – Courses are taught by experienced instructors in areas of enforcement, testing, troubleshooting and repairing backflow prevention assemblies. You will learn first hand the do’s and don’ts. Cross connection control & backflow prevention is our primary focus.



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