

# The Direct Connection



A newsletter dedicated to Cross Connection Control and Backflow Prevention [www.abpa-sa.org](http://www.abpa-sa.org)

March Vol. 37 Issue 3

## **Question: Is it legal for a Backflow Tester to conduct Customer Service Inspections (Cross Connection Surveys) if the Water Purveyor approves?**

Water Purveyors occasionally request a Backflow Prevention Assembly Tester (BPAT) to locate and test all the backflow prevention assemblies within a facility, due to the purveyor not having records of all assemblies. The BPAT does what the water purveyor requested, and goes through the facility, locates and test all the backflow preventers they find.

The BPAT misses one! The following year or so a contamination event occurs through the assembly that was not found by the tester. Who's responsible and Liable? The tester was told by the purveyor to "locate and test all assemblies". Who could be held responsible and liable in this situation? The Tester and/or the Water Purveyor?

Second Scenario: The Water Purveyor requests the BPAT to conduct a CSI (Cross Connection Survey) within a facility. The BPAT does this and misses an unprotected cross connection or doesn't recognize the cross connection. A backflow contamination event occurs through the unprotected cross connection and contaminates the potable water system. Who could be held responsible and liable in this situation? The Tester and/or the Water Purveyor?

Question - Is going through a facility and locating all existing backflow prevention assemblies considered the same as conducting a Customer Service Inspection?

TCEQ (Texas Commission on Environmental Quality) has developed a special license for those conducting Cross Connection Surveys. This is the Customer Service Inspector (CSI) license. There is also the Water Supply Protection Specialist (WSPS), which is an endorsement on a Plumbing license. The CSI and WSPS license give a person the authority to conduct Cross Connection Surveys (CSI's). "TCEQ has stated the Backflow Prevention Assembly Tester (BPAT) license does not give a person the authority to conduct CSI's (Cross Connection Surveys)". In many instances the water purveyor and/or plumbing inspection departments are conducting the cross-connection surveys within their service area.

If BPAT's take on the task of locating all backflow prevention assemblies within a facility, should they give some thought about developing a cover statement to prevent any future legal actions for an assembly that was missed?

As a BPAT – If requested to conduct a cross- connection survey (CSI) – the local enforcement agency requesting should be notified to contact the TCEQ Cross Connection Section for information and requirements. [Katherine.McGlaughlin@tceq.texas.gov](mailto:Katherine.McGlaughlin@tceq.texas.gov).

## March meeting Details

Meetings of the San Antonio Chapter ABPA are held the second Thursday of every month except December. Dinner and refreshments are served at 6:00 p.m. sharp with the meeting starting at 6:15. This meeting is:

**Date: Thursday March 13, 2025**

**Time: 6:00 PM pre-registration only required to receive a meal**

**Loc: SAWS Bldg. 2 Conference Room  
2800 US Hwy 281 North**

**Meeting Sponsor: American Backflow Products**

**No alcoholic  
beverages allowed**

**Next meeting date: April 10, 2025**

### **Last meeting thanks to:**

**Hugh Cunningham for sponsoring the meeting in February.**

**Thank you to Brad Curtis for the training presentation on "PRVs".**

**And, thanks for the \$50 gift certificate for the meeting raffle prize...**

## **March Agenda**

- 5:00 p.m. General discussion and quorum confirmation
- 5:15 p.m. Call Meeting to order.
- 5:20 p.m. Secretary's Report. Read and approve the minutes of the previous meeting.
- 5:25 p.m. Treasurer's Report. Discussion and approval of the treasurer's report.
- 5:30 p.m. Supply Officer's Report
- 5:35 p.m. Vice President's, Directors', and any other reports for the good of the chapter. Comments, new business, any discussion.
- 5:40 p.m. Training Report. Training & Meal Sponsors
- 5:45 p.m. Webmaster Report
- 5:50 p.m. President's Report. New & old business
- 6:00 p.m. Meal is served.
- 6:15 p.m. General Membership Meeting & Training
  1. Report from the Directors Meeting. President
  2. City, regional, and national reports. James Cantrell and/or any City personnel present.
  3. Training program for the evening.
  4. Raffle prize drawing.

### **Backflow incident:**

**December 2024 - Bay County, Florida**

- 150 homes affected
- Cross connection found by local water department, sewer and potable water lines mistakenly connected by a local contractor

## "Direct Talk" by the President

The March 13th meeting will be held in the SAWS conference room in the Tower II building located at 2800 U.S. Hwy. 281. The Director's meeting will start at 5:15 PM with the meal beginning at 6:00 PM and meeting starting at 6:15 PM.

Trinidad *Chairez*

Here is a good website for emergency information: [www.sanantonio.gov/emergency/](http://www.sanantonio.gov/emergency/)

Chapter Chatter By Your, Finding Humor in Everything, Secretary, Greg Shean

### Greg's Famous BBQ Chicken

25 to 30 briquettes and 2 whole chickens, cut into pieces and seasoned. Use large BBQ. Put in briquettes and light. When briquette edges turn gray – the BBQ is ready for chicken. Greg then yells, "Hey Gloria, the BBQ is ready."

### Deep Fried Onion Rings - As made at ABPA-SA's annual fishing trip

Heat oil to 350 degrees. Cut two yellow sweet onion into 1/2-inch-thick slices, remove dark exterior of onions, separate into large rings. Combine 1 cup of flour, 1/2 tsp salt, 1/2 tsp pepper, and 1 tsp garlic, mix thoroughly. In a medium bowl combine seltzer water and 1 cup of flour, mix thoroughly. Soak rings in buttermilk. Remove rings, shake off excess, dredge in flour, shake off excess, and then dip seltzer batter and repeat if more crust desired. Drop some onion rings in oil and continue process, being sure not to crowd rings as they will stick together. When golden, remove and let drain on paper towels. Beer can be used instead of seltzer water but crust is not that thick and you can not taste the beer (better in a can). Can also be used for smelt. Add ingredients as necessary.

Thought for the Month: There are no accidents. Take 100% responsibility for what happens to you. If you blame others, you are a victim and will never be happy.

William Hamrick: The chapter continues to realize how much Bill did for the chapter, how difficult he is to replace, and how much of a void he left. We have an Army lined up trying to fill Bill's shoes..!.

## MINUTES SAN ANTONIO CHAPTER-ABPA GENERAL MEMBERSHIP MEETING Thursday, February 13, 2025

EXECUTIVE OFFICERS – PRESENT	EXECUTIVE OFFICERS CONT. – ABSENT
Trinidad Chairez - President	Greg Shean – Secretary
Jeff Stricker - Vice President	
Keith Waldrep – Past President	
OFFICERS SPECIAL TO THE CHAPTER – PRESENT	OFFICERS SPECIAL TO THE CHAPTER – ABSENT
Carl Michaud – Gauge Testing/Certification	James Cantrell - Liaeson to SAWS
Jeff Meeks - Sgt. At Arms	Joe Young - Program Director
Matt Wilgen - Webmaster	

<b>DIRECTORS AT LARGE – PRESENT</b>	<b>DIRECTORS AT LARGE – ABSENT</b>
Robert Stricker - 2 years	Jeff Hoffman - 2 years
Bruce Rathburn - 2 years	
Fred Baird - 1 year	<b>GUEST PRESENT:</b>
Bob Clark - 1 year	Michael Masters and Brad Curtis, San Antonio, TX.
	Hugh Cunningham, Inc.

Agenda Item #1. Trini started the meeting, asked that all turn off their cell phones and then asked for a moment of silence. INFO.

Agenda Item #2. Secretary’s Report: The January minutes were in the newsletter. Robert (as always) made a motion to accept. Passed. INFO.

Agenda Item #3. Treasurer’s Report: Art reported the amount in our checking account. Our bank account balance will be maintained at the current level so the chapter is prepared for emergencies. INFO.

Agenda Item #4. Supply Officer’s Report: No change. We are looking to reduce/dissolve our about \$2,000 inventory. The discussion was to keep the attire but need member input and vote. OPEN.

Agenda Item #5. Newsletter: As summarized in the February minutes, “This is still an open chapter item.” Discussions are to continue to make the newsletter backflow informative on a local and national level, e-mailed or hard copy, effective so that we continue to be sponsored supported. The newsletter relied on about 5 members. Bill Hamrick’s pass caused the chapter to re-evaluate the newsletter viability. There will be a March newsletter as before. OPEN.

Agenda Item #6. Meeting Sponsor: Hugh Cunningham Inc. sponsored the meeting. INFO.

Agenda Item #7. Meal: Hugh Cunningham Inc. sponsored the meal of box sandwiches. Art donated and delivered the water and for the meeting. Please e-mail Art before 5 PM on Monday. The order is input at 5 PM. If you do not order – you will only get one if there is a no show. INFO.

Agenda Item #8. Raffle: Hugh Cunningham Inc. provided a \$50 gift certificate. INFO.

Agenda Item #9. Training: Speakers Michael Masters and Brad Curtis will present the training on Pressure Reducing Valves (PRV). INFO.

Agenda Item #10. Webmaster: The chapter website must be updated at more expeditious rate. It has been discussed that Ashlyn Letourneau, Bruce’s daughter, who is very family with the new hosting software required by our website host, be paid for her efforts. OPEN.

Agenda Item #11. National ABPA: Troy said that the agenda for the conference is finalized for Little Rock. National is looking at developing a position statement for pedicure chair type cross connections and their potential hazards. Discussion is taking place on the confusion of the inspection process and pipe labeling. The best way to protect both operators and customers. OPEN.

Agenda Item #12. SAWS: Dan Crowley, SAWS Director of Governmental Relations, reported that “things are moving along pretty well” in the transition from the SAWS T&M web app to BSI’s On-Line. Jeff Stricker said those submitting CSI reports that to only send one email for each address. This makes It easier for SAWS to input the info. INFO.

Agenda Item #13. San Antonio Irrigation Association (SAIA): No report. INFO.

Agenda Item #14. City of San Antonio (COSA) Plumbing Inspection: No report, INFO.

Agenda Item #15. Back Flow Ethics. Fred Baird spoke on ethics. It is being talked about with AWWA and TCEQ and could affect utility employees that have an A or B license. He was not sure if it could trickle down to other licenses. INFO.

Agenda Item #16. SAWS Spring Bloom. Trini spoke on the upcoming Spring Bloom for March 8, 2025 at 8:00 AM. ABPA will have a table and are looking for volunteers. OPEN.

Agenda Item #17. Gauge Testing, Carl reminded everyone that each tester is responsible for submitting their gauge re-certifications to BSI themselves. INFO.

Agenda Item #18. Training- Michael Masters and Brad Curtis presented the training. The objectives are to identify the causes of high-water pressure, the risks of high-water pressure in a facility and to explain the benefit of reducing water pressure.

Water Pressure is the push behind water. Municipal and private water supply companies use pumps and pumping stations to boost water pressure. High water pressure is used to supply firefighting needs, high-rise buildings and to overcome high elevations. Pressure in supply mains can exceed 200 psi. The effects of high-water pressure increase water usage, increases energy usage, increases wastewater, and damage to plumbing system components.

The water pressure reducing valve (PRV) automatically reduces high incoming supply pressures to a lower, more sensible pressure. It maintains a set pressure in a home/building, usually at 50 psi ensuring safe operating pressure. Working pressure is at which the water supply system nominally operates. National codes require static pressure be no more than 80 psi.

A Flow Set (Lock-Up) pressure is the pressure setting at valve outlet with no water flowing through valve. Reduced Flowing (Dynamic) is the pressure maintained at the outlet of the valve when water is flowing at some measured rate. This is a variable which changes as the demand change.

Reduced Pressure Fall-Off is the change downward in reduced pressure from lock-up which causes the valve to open and allow water to flow through it at the rate needed to satisfy demand.

Reasons for high water pressure are thermal expansion and firefighting. At a high elevation, for every 2.75 inches of elevation there is a 1 pound of pressure loss. That is a 4.25 psi loss for every story. For adequate operation there is a need for between 40 and 50 psi minimum. Examples of high elevation situation were given. Heat thermal expansion is the change of water temperature from cold to hot. In a closed system, the water cannot return to supply but must go somewhere. Water pressure must be reduced to preserve regulation, preservation, and conservation.

Code requirement are the International Plumbing Code (IPC) and the Universal Plumbing Code (UPC). The industry standards are the ASSE, CSA, IAPMO, NSF, and Military Standard.

The Lead Free Law is the reduction of lead in the Drink Water Act. Pipes and plumbing components must be less than .25 percent by weight for potable water

Preservation - keep water pressure less at or less than 50 ps. Controlling high water pressure preserves fixtures by reducing water pressure, lessens breakdown of dishwashers laundry washers, fewer water heater leaks, lessens erosion and dripping or spitting faucets, and lessens banging water pipes.

Conservation - it is imperative that we reduce our water consumption. We can conserve dramatically and in a manner that will not seriously not affect our life style to which we have become accustomed any reduction in the use of water will result in the reduction of energy.

A PRV is a compact, cost effective, and mechanical device that reduces incoming pressure to a lower value. It consistently reduces water pressure to a set pressure. It is not a flow regulator.

There are two types of PRVs, direct acting and pilot operated. Direct acting uses a spring-loaded diaphragm that activates a seat or disc. The disc modulates the output flow. This is the most common type of PRV.

The PRV are used in Residential (homes, apartments, and dormitories) municipal (water supply systems), commercial (business, hospital, schools, and hotels, as well as irrigation and agricultural applications, and Specialty (original equipment applications such as beverage dispensers) applications.

The higher the water pressure the greater the amount of water is used. The faucet with a 10-minute run time will use 15 gallons at 50 psi and 28 gallons at 150 psi. That is 13 gallons waste wasted. Reducing pressure in one fixture alone can save from 25% to 50% in 10 minutes running time. Erny through the annual savings with a PRV. In water bills, sewer assessments and energy. The annual savings was about 30%.

Why Do We Need PRV? To reduce incoming city pressure to a safe usable pressure between 40 and 80 psi; reduce wear and damage to fixtures and appliances; reduce water use; and reduce water disposal fees.

A PRV parts breakdown to show basic operation. PRVs are simple mechanical systems that consist of key components. The spring and diaphragm are connected to the stem which regulates flow opening in the valve.

Troubleshooting. What are some signs of failed PRV? 1. Diminishing or fluctuating water pressure. 2. No water pressure. 3. Thumping, banging, hammering or vibrating noises in the walls. 4. High water pressure. 5. Water leaking from faucet, or toilet running constantly 6. Pressure good with one faucet running, but pressure drops when multiple fixtures running. Installation • Install in line with supply connected to valve • inlet (marked) • Arrow of valve body should point in the direction of flow • Can be installed horizontally in the upright or inverted position or vertically depending on serviceability.

There are three types of installation configurations (shown and discussed). Single regulator, two-stage serial reduction, and parallel. Single regulator installation for single family homes. It is Installed after main shut off. Two-Stage Serial Reduction is Ideal where there is a wide variation in pressure between municipal main's inflow pressure and functional pressure needed in building. Ideal where supply main pressure exceeds 200 psi. Install in series to gradually step the pressure down i.e. 125 to 85 to 50 psi. Parallel is Ideal where a continuous supply of water at reduced pressures is required. Use a small and large PRV, each set to a different pressure. A continuous supply of water at a reduced pressure is ensure, regardless of income pressure. It facilitates maintenance while system continue to operate.

Backflow tester observations from your test kit pressure gauge. Irrigation – if pressure is over 80 psi then water will tend to mist instead of droplets. Misting is ineffective watering. Notify homeowner. Easy – wire two stations to one station on the controller. A controller station can handle two valves. Shortens total watering time and conserves water. If the PRV is on the home's potable water. Insurance companies can deny claims if pressure is over 80 psi. Pressure can also be obtained from a hose bib. This is how you retain customers. Plumbers can install a PRV.



Adjournment. Adjourn the meeting at X:XX PM for the raffle.

## **BPAT ETHICS**

"I CERTIFY, UNDER PENALTY OF LAW, INCLUDING POSSIBLE LOSS OF LICENSE, FINES AND PENALTIES, THAT I HAVE TESTED THE BFPA LISTED ABOVE AT THE TIME AND DATE LISTED AND ALL INFORMATION ON THIS FORM IS ACCURATE AND I HAVE PERSONALLY COMPLETED THIS FORM IN FULL".

This statement was developed by Bill Hamrick and Katrina Hamrick, Atty at Law, and was a result of numerous meetings between Troy Baird, Bruce Rathburn, Bill Hamrick and Fred Baird. There were many suggested enforcement modifications for water purveyors and plumbing inspection departments to control ethics and backflow testing.

## **Quote of the Day:**

**T**he highlight of my baseball career came in Philadelphia's Connie Mack Stadium when I saw a fan fall out of the upper deck. When he got up and walked away the crowd booed.

*Bob Uecker*

## ***Banana Bread Recipe***

*\*Served at all Bac-Flo Unlimited's Courses for over 25 years by Sandra Baird*

*3 ½ Cups Flour*

*3 ¾ Tea Spoons Baking Powder*

*¾ Tea Spoons Baking Soda*

*¾ Tea spoons Salt*

*6 Ripe Bananas*

*¾ Cup Shortening*

*1 ¾ cup Sugar*

*3 Eggs*

*1 ½ Tea Spoon Vanilla*

*½ cup Chopped Walnuts – Mix Well*

*Bake in Greased & Floured Tube Pan 300 degrees for 1hr. 30 min.*

# ABPA's 40th Annual Education Conference & Tradeshow Agenda

## Friday, May 2, 2025

8:00 am - 5:00 pm Association Committee Meeting - Ouachita

## Saturday, May 3, 2025

8:00 am - 3:00 pm ABPA Board of Directors Meeting - Arkansas Ballroom

Virtual sessions identified  
by blue text

## Sunday, May 4, 2025

8:00 am - 5:00 pm ABPA Proctor Training - Ouachita

4:00 pm - 6:00 pm **Welcome Reception - Riverview Room**

## Monday, May 5, 2025

7:00 am - 8:00 am **Registration Opens, Foyer - Exhibits Open - Breakfast - Governor's Hall 1**  
 8:00 am - 8:30 am Conference Welcome and Orientation; Meritorious Service Award - Troy Baird, ABPA President - Salon B&C  
 8:30 am - 9:15 am [Water is Life - Arkansas Water Plan](#)  
 9:15 am - 10:00 am ABPA Certification Programs  
 10:00 am - 10:45am **Break - Exhibits Open - Governor's Hall 1**  
 10:45 am - 11:30 am [Have We All Learned to Properly Speak Backflow Yet?](#)  
 11:30 am - 12:15 pm Legal Liabilities of Cross-Connection Control Program Administrators, Testers and Water Users  
 12:15 pm - 2:00 pm **Luncheon - ABPA Annual Association Member Awards - Governor's Hall 1**  
 2:00 pm - 2:45 pm [Backflow Plumbing and Infection Control](#)  
 2:45 pm - 3:30 pm Innovative Leak Detection to Minimize Pressure Loss and Backflow Conditions  
 3:30 pm - 4:15 pm **Break - Exhibits Open**  
 4:15 pm - 5:00 pm [A Contaminated Water Story - the Backflow Incident in Grand Prairie, Texas](#)  
 5:00 pm - 5:45 pm Cross-Connection Inspection Insight from the Backflow Nerd  
 6:00 pm - 7:30 pm **Attendee Reception**

## Tuesday, May 6, 2025

7:00 am - 8:00 am **Registration - Exhibits Open - Breakfast - Governor's Hall 1**  
 8:00 am - 8:45 am [CCC Programs - A Legal Review of Your Authority - Salon B](#)  
 8:45 am - 9:30 am [Tester Workshop - What Does a Certified Backflow Prevention Tester Do? - Salon C](#)  
 Arkansas PWS CCC Program & Backflow Prevention Assembly Tester Requirements  
[Tester Workshop - Proper Maintenance of Field Test Equipment](#)  
 9:30 am - 10:15 am **Break - Exhibits Open - Governor's Hall 1**  
 10:15 am - 11:00 am [Risks and Rewards of Backflow Testing and Repair on Fire Sprinkler Systems](#)  
[Tester Workshop - DC Field Test Procedures](#)  
 11:00 am - 11:45 am Updates in Fire Protection System Issues including Strainers, Retrofitting and Residential Systems  
[Tester Workshop - PVB Field Test Procedures](#)  
 11:45 am - 1:30 pm **Luncheon - ABPA Business Meeting - Exhibits Open - Silent Auction closes at 1:15 pm**  
 1:30 pm - 2:15 pm [Efficiency Tactics for Backflow Professionals](#)  
[Tester Workshop - SVB Field Test Procedures](#)  
 2:15 pm - 3:00 pm Containment vs. Isolation Cross-Connection Control Programs  
[Tester Workshop - RP Field Test Procedures](#)  
 3:00 pm - 3:30 pm **Break - Exhibits Open**  
 3:30 pm - 4:15 pm [Emergency Response in Arkansas and Lessons Learned](#)  
[Tester Workshop - Backflow Prevention Assembly Repair - Part 1](#)  
 4:15 pm - 5:00 pm Chemical Dispensers - Risks and Proper Protection  
[Tester Workshop - Backflow Prevention Assembly Repair - Part 2](#)

## Wednesday, May 7, 2025

7:00 am - 8:00 am **Breakfast - Salon B & C Foyer**  
 8:00 am - 8:45 am [Panel Discussion - Politics: How it Can Kill your CCC Program if You are Not Paying Attention! Perspectives from North Carolina and Colorado](#)  
 8:45 am - 9:30 am Addressing the Erosion of Backflow Prevention Programs Through Redefined Educational Strategies  
 9:30 am - 10:00 am **Break (No Exhibits)**  
 10:00 am - 10:45 am [Enhancing Cross-Connection Control: Leveraging Technology to Improve Compliance and Reduce Risk](#)  
 10:45 am - 11:30 am National ABPA - Strategies and Resources to Help Support your Cross-Connection Control Program  
 11:30 am **Closing Remarks - Troy Baird, ABPA President**  
 1:00 PM - 3:00 PM **ABPA Board of Directors Meeting - Arkansas Ballroom**

## LOCATION TO BE DETERMINED

9:00 am - 12:00 pm Wet Lab Practice Area (open to everyone, feel free to bring your own field test kit)  
 1:00 pm - 5:00 pm ABPA Tester and Specialist Certification Exam (Requires separate registration, applicant must bring own test kit & tools)  
 -Topics Subject to change without notice-

## CEUs

**On-site conference attendees** can earn up to 1.5 continuing education units (CEUs), or 15 contact hours through attendance at the various technical sessions offered. CEUs are earned on a per session basis.

**Online conference attendees** can earn up to 0.75 continuing education units (CEUs), or 7.5 contact hours through attendance at the various technical sessions offered. CEUs are earned on a per session basis. Attendance is tracked electronically for those individuals registered and in attendance at the webinar.

- **ABPA-SA Hands-on Training: Tuesday, Sept. 16, 2025** -

Members that have attended 5 meetings per year (min.) for the past three years are eligible to receive free hands-on CEU training offered by Bac-Flo Unlimited, Inc. The member is required to verify and provide print-out of their earned hours the morning of attendance. Hours are on TCEQ's web site and must be shown to instructors the morning of Sept. 16th. (\*Note: this course was previously scheduled for Weds. Sept. 17, 2025).



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## PHCC- SAN ANTONIO UPCOMING EVENTS

**13  
FEB**

**MONTHLY MEMBERSHIP MEETING**  
**PRESENTER: CAST IRON SOIL PIPE INSTITUTE**  
MAGGIANO'S LITTLE ITALY 17603 I-10  
SAN ANTONIO, TX 78257  
11:00 AM - 1:00 PM



**27  
FEB**

**SPORTING CLAY TOURNAMENT**  
**THE "PLUMBER PROTECTS THE HEALTH OF THE NATION"**  
5931 ROFT RD, SAN ANTONIO, TX 78253  
CHECK WEBSITE FOR SPONSORSHIP OPPORTUNITIES  
AND REGISTRATION FORM  
11:00 AM LUNCH / 1:00 PM SHOOT BEGINS  
4:00 PM AWARDS RECEPTION & GUN RAFFLES



**27  
MAR**

**MIXER & PAR 3 GOLF**  
**PAR 3 GOLF, SIMULATOR, APPETIZERS**  
SAN PEDRO GOLF COURSE  
6102 SAN PEDRO AVE, SAN ANTONIO, TX 78216  
4:30 - 7:30 PM



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Email: ncinfo@bavco.com

**YOUR BACKFLOW PRODUCTS CONNECTION**

# NOTICE

ABPA-SA is saddened by the heartfelt loss of Bill Hamrick, of **ATB SERVICES**.

ATB Services, Inc. has been the Mid-West Instrument factory service center in the San Antonio area since January 1995. Bill's dedication to the Chapter over the years along with the top notch service he always provided to those needing their backflow gauges serviced, will be sorely missed.

The new service center for Mid-West Instrument for the San Antonio branch is **BAVCO**, located at **6017 Randolph Blvd, San Antonio, TX 78233**.

**Phone (210) 451-7564**. You may also contact them through (866) 318-0274.

# QUIZ

## (True or False)

T F 1. When testing an R/P, a leaking #2 shut off valve would affect the test by not allowing a pressure increase in the zone?

T F 2. A fouled relief valve on an R/P would be normally indicated by a low psid gauge reading across #1 check?

T F 3. When testing #2 check on an R/P, the tester sees the gauge needle rise on their gauge, this could be an indication of back pressure?

T F 4. A Pressure Vacuum Breaker is a low hazard backflow prevention assembly?

T. F 5. When testing the #1 check on a double check valve assembly, the tester opens the #3 test cock very fast – the results could normally indicate a lower gauge reading than normal?

Answers on next page.

## ABPA-SA Board of Directors 2024 - 2025

- 1) President – Trinidad Chairez
- 2) Vice President – Jeff Stricker
- 3) Treasurer – Arthur Trejo
- 4) Secretary – Greg Shean
- 5) Immediate Past President – Keith Waldrep

### Special Officers to the Association

- 6) SGT-AT-ARMS – Jeff Meeks
- 7) Liaison to SAWS – James Cantrell
- 8) Program Director – Joe Young
- 9) Gauge Testing and Certification – Carl Michaud
- 10) Membership & Newsletter – Open
- 11) Webmaster – Matthew Wilgen

### Directors at Large

#### Two-year term

1. Jeff Hoffman
2. Bruce Rathburn
3. Robert Stricker

#### One-year term

4. Fred Baird
5. Robert (Bob) Clark

Advertise in <b>The Direct Connection</b>	<b>AD SIZE</b>	Business Card	\$100	<b>ONE YEAR</b> <small>(11 Issues)</small>
		1/4 Page	\$150	
		1/2 Page	\$300	
		Full Page	\$500	

**NOTICE: Mail Address: ABPA-SA - P.O. Box 47820 - San Antonio, TX 78265**

#1: T, #2: F, #3: T, #4: F, #5: T

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**One Choice. One Zurn.**

## Some of the ABPA-SA Member Benefits:

- -- Hands-on training course every three years
- -- Annual gauge certification
- -- TCEQ license credits earned
- -- Monthly meeting meal
- -- State/local updates and valuable knowledge
- -- Opportunity to serve on Board of Directors
- -- Support and company recognition



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Website



Contact Card



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San Antonio, Texas 78233  
P: 210-890-5660  
[kevinb@testgauge.net](mailto:kevinb@testgauge.net)  
Hours: 7a – 4p

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Published by the ABPA-SA Chapter

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## How to join the ABPA-SA Chapter

There are two ways to join the San Antonio Chapter of the American Backflow Prevention Association.

The easiest way is to click on the QR Code and follow the instructions to set up your account and be presented with an invoice that you can pay with a credit card on-line or check the box to pay with a check. If you don't use QR Codes, click on this address. <https://www.abpa.org/page/Join> **IMPORTANT** Be sure to select the chapter/s (San Antonio Chapter) you want to join before selecting the payment method. If you elect to pay with a check, you will be able to print the invoice so you can send it with your check to the address on the invoice. If you pay with a credit card on-line, you will be able to print a receipt.

**Click QR Code to Join**



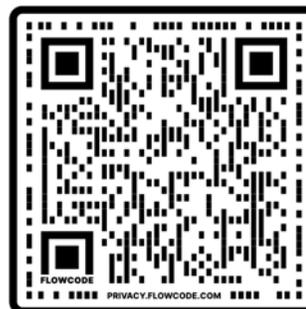
The other way is to print the Membership Application on the next page and send it to the address at the bottom of the page with your check.

## How to renew your ABPA-SA Chapter Membership

There are two ways to renew your San Antonio Chapter membership of the American Backflow Prevention Association.

The easiest way is to click on the QR Code and follow the instructions to renew your membership and sign into your account and follow the instructions. If you don't use QR Codes, click on this address. <https://www.abpa.org/page/RenewNow> The program will present you with an invoice that you can pay with a credit card on-line or check the box to pay with a check. **IMPORTANT** Be sure the chapter/s (San Antonio Chapter) is/are selected that you want to renew before selecting the payment method. If you elect to pay with a check, you will be able to print the invoice so you can send it with your check to the address on the invoice. If you pay with a credit card on-line, you will be able to print a receipt.

**Click QR Code to Renew**



The other way is to print the Membership Application on the next page and send it to the address at the bottom of the page with your check.

**Thank You for Your Membership**



# APPLICATION FOR MEMBERSHIP

- US Membership \$65
- International Membership \$79
  - Sustaining Membership \$300.00
  - New Member
- Renewal - Member # \_\_\_\_\_

To join the American Backflow Prevention Association, simply fill out the membership application form and mail it with your check to the address listed below, or if paying by credit card you may fax the completed form to 979.846.7607. Local chapters have additional fees. Below is a listing of chapters by region. To find out if there is a local chapter in your area, please review the chapter information on our website at [abpa.org](http://abpa.org) or call the National Office at 979.846.7606. **Membership in the Association constitutes paying National dues.**

### Sustaining Member:

- Must be a company or organization
- Assign only one person as the member of ABPA
- A Sustaining Member must submit a letter that designates their Voting Representative.

## Please Print Legibly or Type

Mr., Mrs., Ms., etc	First Name	MI	Last Name (Include suffix)	
Organization (Agency/Firm)		Department/Division		Title
Address:				
City:	State / Prov	Zip + 4 Code/Postal Code	Country	
Daytime Phone	Fax	Email		
ABPA-SA		\$ 60.00		
Local Chapter (if joining a local chapter)		Local Dues Amount		

## Method of Payment

Charge \$ 125.00 to my  Visa  MasterCard  American Express  Discover  Check  Money Order  Invoice Me

Credit Card Number	Card Expires (MM/YYYY)	CVC Number
Name as it appears on card	Signature	

## Additional Information

How would you like to receive your Membership Renewal Invoice Notification?  Email  US Mail (Not available for International Membership)

## Local Chapter Dues Listed by Region

<p><b>REGION 1</b></p> <p>New England \$12.00</p> <p>Rhode Island 18.00</p> <p><b>REGION 2</b></p> <p>Virginia \$25.00</p> <p><b>REGION 3</b></p> <p>Carolinas \$10.00</p> <p>Florida Suncoast 12.00</p> <p>Peach State "1788" 30.00</p> <p>Tennessee 20.00</p> <p><b>REGION 4</b></p> <p>Arkansas \$10.00</p> <p>Central Texas 20.00</p> <p>Corpus Christi 23.00</p> <p>Lower Rio Grande Valley 25.00</p> <p>North Texas 23.00</p> <p>San Antonio 60.00</p>	<p><b>REGION 5</b></p> <p>Colorado \$15.00</p> <p>Utah 12.00</p> <p><b>REGION 6</b></p> <p>Arizona \$20.00</p> <p>Central Coast 10.00</p> <p>Central Valley California 10.00</p> <p>Hawaii 23.00</p> <p>Silver State 23.00</p> <p>Southern California 15.00</p> <p><b>REGION 7</b></p> <p>Oregon \$20.00</p> <p>SRC4 20.00</p> <p><b>REGION 8 (USD)</b></p>	<p><b>REGION 9 (USD)</b></p> <p><b>REGION 10</b></p> <p><b>REGION 11</b></p> <p>Indiana BPA \$25.00</p> <p>Michigan 40.00</p> <p>Northern Illinois 23.00</p> <p><b>REGION 12</b></p> <p>Eastern Nebraska \$10.00</p>
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