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TBPA BOARD MEETING UPDATE OCTOBER 2, 2002

Each Board Member was assigned a section of the Cross Connection Control Manual. They will be responsible for setting up meetings in their areas to discuss revisions to the manual. Those are as follows:

- Section 1: Everyone will review this section
- Section 2: Brent Ogles
- Section 3: Larry Stinnett
- Section 4: Wayne Cook
- Section 5: Grady Gentry

The revisions will be represented to the Board at the January 8th meeting. This board meeting will be longer than usual to allow for discussion. (10:00 to 4:00)

The Board is working on setting up a library so that members may borrow resource materials that the association owns.

The Board appointed a new treasurer, Liba Ford from Jackson Energy Authority.

Tennessee Backflow News

Winter 2002



NEXT MEETING

10:00 AM
Wednesday
January 8,
2003
Nashville, TN
225 Ben Allen Rd.

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INSIDE

Backflow Prevention Assembly Repair Class	2
Training Calendar and Advertisements	3
Member Article and TBPA Information	4
Advertisers	5

President's Message

By Larry Stinnett

As I am writing this message, Thanksgiving has just passed and Christmas is fast approaching. I sincerely hope every one of you has a great holiday season. I look forward with anticipation to the coming new year. The directors are presently working on several new programs. Our annual conference for 2003 is scheduled for October in Nashville. What a great place to be in the fall. Watch the newsletter for further information with dates and location. Make your plans to attend now.

It's time to elect new directors for East and West Tennessee. The committee has been working hard to give us needed representation from these two areas. I encourage every member to please exercise your right and vote for the candidate you prefer. I would like to take this opportunity to thank the two Board members that have served us diligently for the past several years. Due to work load and other duties Dave Birkholz and Grady Gentry will not seek reelection. Thank you gentlemen, your hard work has not been in vain.

The newsletter committee has done a great job with our newsletter. I feel this is the single most important connection to the membership. I encourage every member to consider writing an article for the newsletter. Also, I would like to remind everyone that the articles printed in the newsletter do not always reflect and support the views of TBPA. Tennessee Backflow Prevention Association was instrumental in working with the state and voted unanimously to accept the State of Tennessee's new test procedure as the standard. Freedom of speech is very important, but sometimes it's not what you say but how you say it.

Many thanks to the Board of Directors for their hard work in the past and I look forward to working with all of you in the future. I sincerely wish everyone a joyous holiday season!

Cross Connection Manual Update

The West Section of the TBPA met in Jackson on November 19th to discuss revisions to Section 5 of the Cross Connection Manual. Fourteen people attended from all over West Tennessee to lend their expertise. If you were unable to attend, and have suggestions for Section 5, contact Grady Gentry or Liba Ford.

The Middle Section met at the Fleming Training Center on December 3rd to discuss revisions to Section 5 of the Manual. Thirteen people were in attendance. If you were unable to attend the Middle Section meeting and have comments, contact Wayne Cook at (931) 684-5998 or email him at rboyce@shelbyvillepower.com.

Upcoming Events

- April 28-May 1, 2003 — 19th Annual ABPA International Conference - Detroit, MI
- October 16-17, 2003 — TBPA Annual Conference - Hilton Suites Nashville, Downtown - Nashville, TN

Tennessee Backflow Prevention Association
Angel Goike, Secretary
c/o City of Clarksville
1030 Plumbing Station Rd.
Clarksville, TN 37040



TBPA



Backflow Prevention Assembly Repair Class

The Tennessee Backflow Prevention Association and the Fleming Training Center are working together to provide quarterly backflow prevention assembly repair classes during 2003. Each quarter the classes will feature a different manufacturer's products and provide information and training on those products.


All classes will be at the Fleming Training Center in Murfreesboro and will be held from 8:30 a.m. until 4:00 p.m.

There is **no cost** to attend the classes but you **must register**. Class size will be limited to 100. Please use the Registration

Form below. The Title of the Course is: "Backflow Prevention Assembly Repair", leave the Course Number space blank and indicate the date or dates you wish to attend.

Date	Time	Featured
March 4th	8:30 to 4:00	Wilkins
May 13th	8:30 to 4:00	Watts
August 5th	8:30 to 4:00	Febco
November 13th	8:30 to 4:00	Ames

For more information contact Brent Ogles at (615) 898-8090 or Wayne Cook at (931) 684-5998.



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Training Class / Seminar Registration

REGISTRATION REQUIRED
Only One Person and One Class/Seminar Per Registration Form!

Register early! Written registration is required for all classes and seminars. Registrants will be mailed specific information as to location, times, etc., approximately three (3) weeks prior to class. Complete the form below and mail or fax at least thirty (30) days prior to class to:
Fleming Training Center - 2022 Blanton Drive - Murfreesboro, TN 37129
 Fax: (615) 898-8064 (All faxes should be printed or type written.)

COURSE NUMBER <small>(Mr./Ms)</small>	TITLE OF COURSE	DATES OF COURSE
NAME	SOCIAL SECURITY NUMBER*	
E-MAIL ADDRESS	HOME PHONE	
MAILING ADDRESS: STREET OR PO BOX	CITY	STATE ZIP
EMPLOYER	WORK PHONE	
PWSID # OF FACILITY WHERE EMPLOYED (if applicable)	NPDES # OF FACILITY WHERE EMPLOYED (if applicable)	
EMPLOYER ADDRESS: STREET	CITY	STATE ZIP

*In order to complete our administrative activities, we have to ask for certain personal identifying information. It is required that you submit this information under state and federal law, T.C.A. §36-5-711 and 42 USC §654a. This information is for the use of the department and is not disclosed to the public. Your social security number is required for registering or enrolling in classes when the registrant is a certified operator. It is optional whether you comply with any other request we make for a social security number.

CN-0863 (Rev. 5/2002)

RDA 2390

REPAIR CLASS

This is an example of the information that will be covered during each class.

1. Each Manufacturer's products: Double Check Valve Assemblies, Reduce Pressure Principle Assemblies and Vacuum Breakers.
2. Repair of each device size from 3/4" to 4". All devices will be on the State approved list.
3. Drawings and handouts will be available.
4. Other products may be covered. For example: Thermal Expansion Chamber.
5. Explanation of different assemblies and the parts used in their repair.
6. Complete repair of the devices and tools needed.
7. When a device fails, what should be replaced.
8. When to repair and when to replace.

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TBPA BOARD MEETINGS

JANUARY 8, 2003 ~ APRIL 2, 2003 ~ JULY 9, 2003
 Meet the 1st Wednesday of each Quarter at the JATC Building, 225 Ben Allen Rd., Nashville, TN
All Members Welcome

Fresh Meat In the World of Cross Connection

By Angel Goike
Cross Connection Coordinator
City of Clarksville

Cross Connection Control, easy? For some perhaps, or at least less complicated. Those are the ones with established programs and a community of plumbers, contractors and customers that are familiar with cross connections. Now take a system with little or no program and a community that has had no experience with the idea. Still easy? NO! Horrifying is more the word. Here is a city, a hundred years old, over 36,000 service connections and no active cross connection program. And no one to tell you what is out there!

Best piece of advice to give someone in this position? RUN! Second best, before jumping into beginning an active program, is to make sure that your governing body is well informed and behind you all the way. Change is not something anyone takes calmly. At first all you will hear is, "We've never had to do this before.", and your governing body will hear the complaints. Also, city or utility ordinances/policies concerning cross connections, must be in place to protect your right to run an effective cross connection program.

Council backing, good city ordinances, now is it easy? You wish! There is still a city full of potential backflow situations and a bunch of upset contractors, plumbers and business owners. All wanting to know what, when, where, and "How much is this going to cost me!?"

Next step, get the technical workers, i.e. plumbers, contractors, etc., certified in backflow installation, testing and repair. Once they understand not only the dangers of backflow, but the workings of a device, they will be less harassed by the new program.

While the education of the local plumbers is proceeding, you will now have to battle the local citizens. You have to get out there and find out what exists and doesn't exist within the system. And the only way to do this? Survey, survey, survey. Half the business owners will have backflow prevention devices and not know what they are. So just asking is not going to get you diddle. The business owner will tell you he does not have a device and so you will ask him to install one. He'll hire a plumber, a week later the plumber will call you, all fluffed up and ruffled,

telling you that the business all ready has a device. "What, are you blind?" Ask the business owner to let you inspect the plumbing as it enters the building. Show the business owners pictures of devices, to help them recognize what you are looking for. This is the only way to get accurate information.

Now running the program will be easy! Of course ... not! Not the education of the general public. Most of them are not going to want an overload of information. Knowing what it is, why it is dangerous, and how to protect themselves and their families is the mainstay of public education. Meanwhile of course you are trying to test all existing devices once a year, inspecting new installations, ensuring proper repairs are taking place, monitoring progress of technical staff training, and let's not forget, keeping the Mayor and every councilman HAPPY!

Easy, well no, I guess no one ever told me it would be easy. Training, education, dedication and time (lots of time) will get every cross connection program where it needs to be. Look for an update and I'll let you know when easy is the right word.

Some Things Just Do Not Look Right



Look at the hose bib/hose at the bottom right hand side of this picture. This is where the water comes in and goes to the left hand side of the control-mixing box. Coming into the control-mixing box also is two chemical tubs. Everything is mixed and comes out the bottom to the hose with the handle sprayer.

When the water is turned on, and whatever chemical the operator needs, he/she turns on the chemical handle, the control-mixing box will send the water through the garden hose to the yellow spray handle. The chemicals are drawn up to the control-mixing box by an aspirator.

The Question: Is this a cross-connection and if so, what kind (Direct or Indirect)? If yes, is there any protection? What kind and is it adequate?

This is the kind of things that an inspector will run into when he/she is doing a survey at a place of business. The wrong answer could be harmful to the water purveyor and to the customer's place of business. You must know as a surveyor what you are looking at and how it works to make the right decision.

I would like for you to write to me and let me know what you think the answer is. My address is:

Shelbyville Power, Water & Sewerage System
Attn: Wayne Cook
P.O. Box 530
Shelbyville, TN 37162
E-mail: rboyce@shelbyvillepower.com

Tennessee Training Calendar

Tennessee Department of Environment and Conservation - Cross Connection Control Training Classes

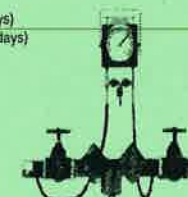
Fleming Training Center
 2022 Blanton Drive
 Murfreesboro, TN 37129
 615-898-8090
<http://www.state.tn.us/environment/dca/fleming.htm>

The classes offered by the Fleming Training Center are free of charge to any person who wishes to attend. Written registration is required, however, a minimum of thirty days in advance of the class. Confirmation letters for all classes/seminars will be sent out to registrants approximately three weeks prior to class and will contain pertinent details regarding exact location, class content, and materials. For information on class content for Cross Connection Control Workshops call Mr. Brent Ogles at 615-898-8090.

Cross Connection Control Workshop (BASIC) (4 days)
 (Textbook: None) Classes are at the Fleming Training Center in Murfreesboro unless otherwise indicated. *See Schedule Below.*

Cross Connection Control Workshop (RENEWAL) (2 days)
 (Textbook: None) Classes are at the Fleming Training Center in Murfreesboro unless otherwise indicated. *See Schedule Below.*

Cross Connection Control Classes	
No.	Course Name
2103	<p>Cross Connection Control Workshop (BASIC) (3 1/2 or 4 days - dependent upon location) (Textbook: None; approved procedure sent with confirmation letter)</p> <ul style="list-style-type: none"> • January 21 - 24, 2003 (4 days) • March 4 - 7, 2003 (4 days) • April 8 - 11, 2003 - Knoxville (3 1/2 days) • May 20 - 23, 2003 - Kingsport (3 1/2 days) • June 17 - 20, 2003 - Jackson (3 1/2 days) • June 30 - July 3, 2003 (4 days) • July 15 - 18, 2003 (3 1/2 days) • August 19 - 22, 2003 - Kingsport (3 1/2 days) • September 9 - 12, 2003 - Knoxville (3 1/2 days) • October 6 - 9, 2003 (4 days) • November 17 - 20, 2003 (4 days)
3102	<p>Cross Connection Control Workshop (RENEWAL) (1 1/2 or 2 days - dependent upon location) (Textbook: None; approved procedure sent with confirmation letter)</p> <ul style="list-style-type: none"> • February 11 - 12, 2003 (2 days) • April 7 - 8, 2003 - Knoxville (1 1/2 days) • May 19 - 20, 2003 - Kingsport (1 1/2 days) • June 16 - 17, 2003 - Jackson (1 1/2 days) • July 14 - 15, 2003 (1 1/2 days) • August 18 - 19, 2003 - Kingsport (1 1/2 days) • September 8 - 9, 2003 - Knoxville (1 1/2 days) • December 15 - 16, 2003 (2 days)



- **The Tennessee Association of Utility Districts (TAUD):** Cross Connection Renewal Classes for Municipalities and Basic Cross Connection Training Classes for contractors are available. Other classes may be available. Contact Greg Baker or Melanie Hammon, 840 Commercial Court, Murfreesboro, TN 37129, (615) 893-9022
- **Memphis Light, Gas & Water (MLGW):** Classes are held in the greater Memphis Tennessee area on an annual basis. Contact Barbara Taylor or Paulette Swanson, P.O. Box 430, Memphis, TN 38101-0430, (901) 528-4449
- **Plumbers and Pipefitters, Local 572, Nashville, Tennessee:** Backflow Classes for Apprentices and Journeyman, contact Mike Trigg, 225 Ben Allen Rd., Nashville, TN 37207, (615) 227-5542
- **Plumbers & Steamfitters, Local #43 JACT:** Contact Woody Evans, 3013 Riverside Drive, Chattanooga, TN 37406, (423) 365-9972
- *To list or update your training classes contact Eddie O'Neill at eoconnell@jaxenergy.com*

If you would like to see specific information in the newsletter or would like to submit an article, contact Eddie O'Neill at eoconnell@jaxenergy.com. Your comments are appreciated.

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