



Chapters are not authorized to speak for the Society

February Issue

In this month's issue:

See [pages 14-15](#) for from recent local ASPE Philadelphia events!

See [page 27](#) for information on Women of ASPE (WOA) and instructions on how to join!

See who attended last month's meeting on [page 31](#).

This month's dinner meeting topic will be New Jersey NSPC Updates, and will be at Maggiano's Little Italy in Cherry Hill, NJ.

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Credit: Photo in banner by Bill O'Donnell



PRESIDENT'S MESSAGE



Mike Panco
President

Hello:

Well the famous ground hog has made his prediction so keep the shovels handy and snow blowers full of gas.

As you may have read last month about our trying to have a dinner close to our members in the Allentown area, well the wheels are turning and soon we will have more information. If there is a good topic that members would like to have please contact David Smith with your suggestions.

At our last dinner meeting we had a special guest Walt Krzyzanowski from the Union Affiliated Contractors Local 690. Walt is the President / Executive Director. He also serves as the Chairperson of the Philadelphia Plumbing Advisory Board in the city of Philadelphia. As I mentioned in last month's news article the city is updating and re-writing the plumbing codes. We were asked to assist the advisory board in some capacity and we asked our members to consider assisting in this endeavor.

Well the Board of Directors and I are happy to announce that we had very positive responses. Steve Siga will serve as our ASPE Philadelphia Chapter Chairperson along with Scott Decker, Drew McFadden and Rich Ryan.

We want to thank those individuals that will help the Philadelphia plumbing advisory board in developing an extensive new code to benefit the citizens and all those people who visit or work in our great city.

In closing I want to mention that our Chapter each year donates to a very worthy organization namely **Future City Competition**. It is very rewarding to spend a Saturday walking the floor judging the many wonderful schools that design and develop a model of a future city. They are responsible for all aspects of the infrastructure and including our plumbing responsibilities. We ask some basic questions review their models and listen to the presentation they put together. I must congratulate the committee and Jennifer Wetzel for the outstanding work and dedication to our future Engineers and Designers. To view the schools and their awards visit www.futurecityphilly.org

In closing please visit our website for pictures of the students that won our Plumbing Innovation award. Lionville Middle School from Exton Pa.

All my best,

Mike



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Dinner Meeting Announcement

THURSDAY,
February 22nd

DINNER TECHNICAL TOPIC
New Jersey NSPC Updates

Presented by:

Thomas Pitcherello
NJ DCA

LOCATION:

Maggiano's Little Italy
2000 Route 38
Cherry Hill, NJ 08002

Time: 6 - 8 PM

COST

Dinner \$35.00

Members With Reservation by Deadline: \$25.00

RESERVATIONS DEADLINE:

4 PM MONDAY FEB 19TH

FOR RESERVATIONS CONTACT:

David Smith

davidcsmith01@gmail.com



TECHNICAL CORNER



David Smith
Vice President,
Technical

Last month, Craig Froet of Froet Industries, told us about the changes happening in the industry concerning roof drains. Did you know that roof drains have never

been defined by water flow rate? The same roof drain has different flow rates depending on the depth of water at the roof drain. The average depth of water for sizing a roof drain is 5/8". ASPE/IAPMO have standards for flow test criteria, and are having these standards as part of the code so all manufacturers will be required to submit standardized testing results. IPC 2015 requires roof drain flow testing.

Most roof drain have a strainer to catch debris from entering the drain and a large percentage always need cleaning. This condition is compounded by when a screen is use, such as for green roofs. Therefore, never install a screen on a strainer and regularly clean the roof drain strainer. For a green roof, make sure to install a screen away from

the roof drain, so the drain will receive only rainfall and not debris.

Craig is working with the standards committee to have other criteria required by the standards so engineers will have more information to base a roof drain selection. A future need of the standards is the requirement for a pressure sensor in the test pipe. The sensor will help unify the test results across manufactures.

These are just some of the points that Craig covered. To find out more, contact Craig Froet at Froet Industries. He will gladly tell you more.

Now that your Philadelphia Eagles are Super Bowl Champs and you have spent time with your significant other (Valentine's Day), come to the February Dinner Meeting and hear about the latest changes to the New Jersey Plumbing Code from Tom Pitcherello, DCA Code Specialist, at Maggiano's Little Italy in Cherry Hill, NJ.



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LEGISLATIVE NEWS



Ken Clark
Vice President,
Legislative

Upcoming events and topics for your review:

- SFPE Philadelphia/Delaware Valley will be hosting their Spring Seminar & Trade show on April 12th at the DoubleTree hotel in King of Prussia. For a list of the scheduled topics, please visit <https://2018-sfpe.pdv.eventbrite.com>.
- Managing Legionella and Other Pathogens in Building Water Systems will be presented at the Hilton Baltimore on May 9 – 11. For further information, please visit <https://www.legionella2018.org/>.
- ASPE's Region 1 meeting will be conducted in Boston, MA on June 1 – 3. Please contact me if you have any matters you'd like brought-up during the session.
- The Philadelphia ASPE Chapter's **25th** Annual Golf Outing will take place on September 18, 2018. The Golf Committee will be sending your registration information in the Spring for this event.

We hope to see you at this month's dinner meeting on Thursday, February 22nd at Maggiano's Little Italy (2000 Route 38, Cherry Hill, NJ 08002).

The topic this month will cover New Jersey NSPC Updates and be presented by Thomas Pitcherello of NJ DCA. This dinner meeting qualifies for 1.0-hour CEUs (certificates will be provided upon request by David Smith).

Please make your reservation with Dave by 4pm on Monday, February 19th at davidcsmith01@gmail.com.

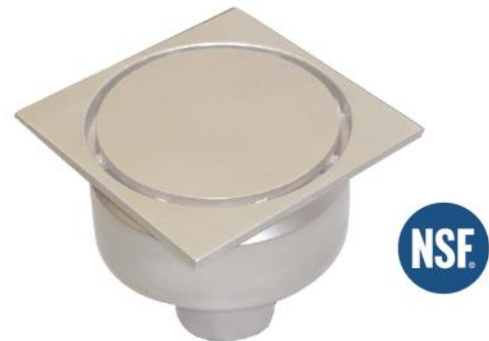
The tabletop presentation will be by Andrea Uhl from the Cullen Company.

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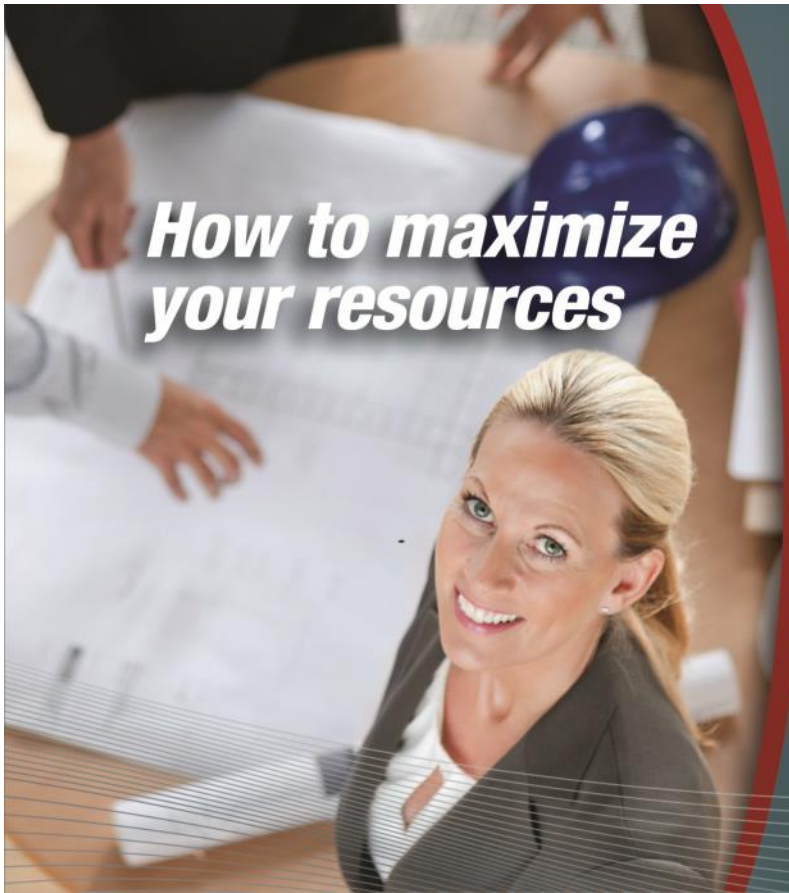


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MEMBERSHIP NEWS



Matthew Martin
Vice President,
Membership

Good day fine Sir and Madame. Below you will find news for you,

Item 1. ASPE Philadelphia needs topics for our general meetings in 2018 and 2019 session. Topics are the best when they are suggested by you the engineers. If there is a topic you would like to learn about please let us know.

Item 2. ASPE Philadelphia is in need of candidates for officers and committee members for the 2018 – 2020 term period. If you would like to serve on the ASPE Philadelphia board please step forward. Get in touch with current president Mike Panco.

Item 3. ASPE golf outing committee will be meeting in the coming weeks to start preparations for the 2018 golf outing. If you would like to participate on the committee contact golf outing chairperson Bill O'Donnell.

Give a warm welcome to our newest members Andrew Furman, David Edler, and Andrew Reichlin.

See you soon!



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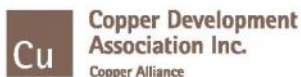
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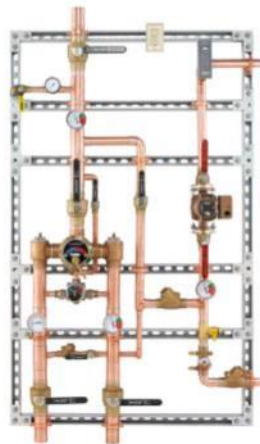
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Photos from Recent Local ASPE Events



2018 ASPE Philadelphia January Dinner Meeting—Georgine's Continental Cuisine



Photos from Recent Local ASPE Events



2018 Philadelphia Region Future City Competition. Lionville Middle School won the Plumbing Technology Award from ASPE.



You are invited to our: Spring Seminar & Trade Show April 12, 2018

12, 2018

Location: DoubleTree by Hilton Philadelphia – Valley Forge

301 West DeKalb Pike
King of Prussia, PA 19406

The format of the event will allow participants to mingle with vendors before and in between presentations in a Trade Show setting where vendors will showcase their products and have representatives to field any questions you may have. There will be a total of 12 presentations provided throughout the day. Attendees will have the opportunity to choose which topics they are interested in and attend up to 6 sessions during the seminar. CEU credits will be offered.

Cost to attend is \$100.00 and includes all sessions, breakfast & lunch.

Agenda

7 am—8am Registration & Breakfast in Exhibit Hall

8am—9 am Presentations

9:05am—10:05 am Presentations

10:05 am—10:50 am Break in Exhibit Hall

10:50 am—11:50 am Presentations

11:50 am—1:15 pm Lunch in Exhibit Hall

1:15 pm—2:15 pm Presentations

2:20 pm—3:20 pm Presentations

3:25 pm —4:25 pm Presentations

Scheduled Topics

Survivability of Fire Alarm and ECS Circuits

NFPA 25 Inspection, Testing and Maintenance

NFPA 72 Inspection, Testing, and Maintenance

Bi-Directional Amplification Systems

SWIFT Wireless Fire Alarm / Emergency & Mass Notification Systems

Fireflex/Viking Vacuum Dry System

NFPA 652- Fundamentals of Combustible Dust

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January 24, 2018

Mr. William O'Donnell CPD

American Society of Plumbing Engineers, Philadelphia Chapter

wodonnell@pwius.com

Dear Mr. O'Donnell:

The 2018 Philadelphia Regional Future City Competition was a great success thanks to our many supporters including ASPE-PC. Your contribution of \$500, received 11/6/2017, was a great help in funding the competition and its many awards. This was a wonderful outpouring of appreciation to the over 300 middle school students, their teachers and engineer mentors who participated on January 20.

Your Plumbing Technology Award was presented to the team from:

Lionville Middle School

550 West Uwchlan Avenue

Exton, PA 19341

Mr. Guy Raines

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A photo of the team winning your special award will be sent to you via email. Additional photos of the competition are available on our website at www.futurecityphilly.org.

We encourage you to invite the team receiving your special award to a function at a society meeting and given an opportunity to display their model. They love to talk about their Future City experience and their model.

The Philadelphia Regional winning team is Queen of Angels Regional Catholic School and will be competing in the National Competition on February 20.

The Philadelphia Regional Future City Competition is a 501(c)3 educational program. Contributions are tax deductible to the extent permitted by law.

If you want, you may make your pledge now for the 2019 competition, using the form provided with this letter. We can invoice you in the fall.

Thank you again your support of the competition.

Sincerely,

Jennifer Wetzel

Regional Coordinator



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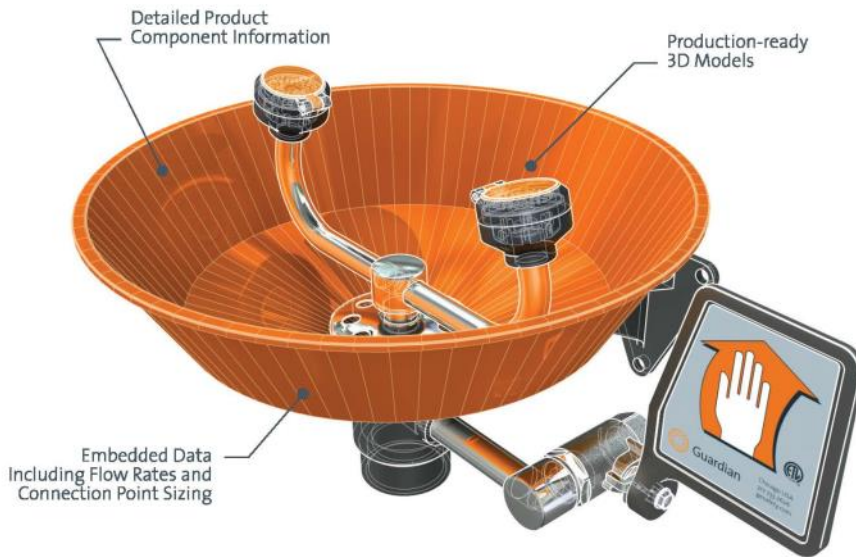


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SPEAKING OUT



Steve Ziga

As you may have heard in last month's newsletter, the City of Philadelphia has reestablished the Plumbing Advisory Board. Their first and primary task is to update the Philadelphia Plumbing Code. One debate that the Board is facing is whether to update the existing code or adopt the 2018 International Plumbing Code with amendments.

The Philadelphia Code as it stands has been a successful code for many decades and periodic updates and bulletins have allowed for the code to evolve over the years. Unfortunately, the Plumbing Code evolution in Philadelphia has been slower and more often disputed in comparison to the state adopted International Plumbing Code.

No one seems to debate the fact that the Philadelphia code is outdated and needs a rewrite. Technologies have evolved quite a bit over the years and the Philadelphia Code has not necessarily caught up. Some newer technologies present an economic advantage for projects and while others have been developed as a result in need for increased public safety. The timetable has been set to modernize.

"There is no plumbing code that is perfect, that is trouble-free, that cannot be improved upon."

- Sid Volov, *Former Plumbing Code Supervisor, Department Licenses and Inspections, Philadelphia*

Hopefully with the reincarnation of the PAB, and once the new Code is established, there will be a new footprint to allow for future code updates on a more frequent basis.

As this is an exciting opportunity for Philadelphia to re-establish themselves as a progressive city. Our Chapter has volunteered our services to form a committee and provide unbiased technical opinions should we be called upon to do so.

If you have any interest in participating in this committee, please contact me at sziga@hpegroup.com.

Regards,

Stephen Ziga, CPD, SET, CFPS
ASPE Philadelphia
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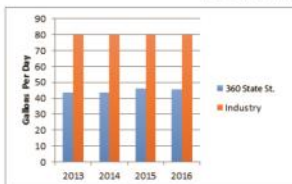
The dual point-of-entry submetering at 360 State Street means that the plumbing is configured so that one riser branches into the apartment for cold water. A second



riser delivers domestic hot water created centrally by recovering heat from a CHP system. Water enters the apartment in the utility closet and there are two water meters in each apartment, one for cold and one for hot water.

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www.h2odegree.com/asphep.php



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Nick Sirolli of Robert Brown Associates took the lead for Table Top Sponsorships at our January meeting by presenting at both tables. We appreciate the strong support offered and appreciate the well designed presentations.

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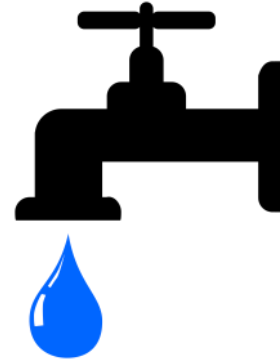
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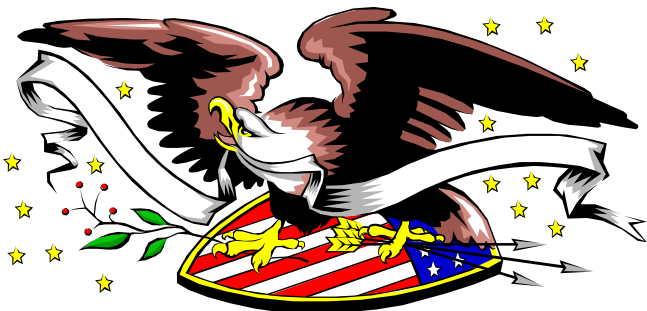
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*Interim President





ASPE 2017-18 SCHEDULE OF EVENTS

September 14th	2017	Golf Outing	Pennsauken Country Club
September 28th	2017	Backflow Preventer in Vaults	Fisher's Tudor House
October 26th	2017	Philadelphia Chapter Product Show	Clarion Hotel & Conference Center
November 16th	2017	Leak Detection and Sub Metering	Maggiano's Little Italy Cherry Hill
December 14th	2017	PEX Piping Systems	Sugar House Hugo's Frog Bar
January 25th	2018	Roof Drains	Georgine's Continental Cuisine
February 22nd	2018	New Jersey NSPC Updates	Maggiano's Little Italy Cherry Hill
March 22nd	2018	Hydraulic Separators	Georgine's Continental Cuisine
April 26th	2018	Epoxy Coated Cast Iron Soil Pipe	Sugar House Hugo's Frog Bar
May 31st	2018	NFPA Medical Gas Piping Code Updates	Fisher's Tudor House
June 14th or 21st	2018	Tour	To Be Announced

IN ATTENDANCE AT JANUARY DINNER MEETING

Mark Ammon	Craig Froet	Bill O'Donnell	Chas Tevis
Dawn Bishop	David Hile	Mike Panco	James Wardell
Marianne Bjonnes	Michael Hodlofski	Ernie Rink	Ken White
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