



April 2024 Volume 43 Issue 8

Chapters are not authorized to speak for the Society

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AMERICAN SOCIETY OF
PLUMBING ENGINEERS
SOUTHWESTERN OHIO CHAPTER**
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Chapter AYP Liaison
OPEN

Chapter WOA Liaison
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APRIL CHAPTER MEETING

Date: **TUESDAY, April 16, 2024**

NEW Location: **Countryside YMCA**
1699 Deerfield Rd
Lebanon, OH 45036
Tel 513.932.1424

Cost: **\$15** at the door

Schedule: **11:30PM-1:30PM** Fire Protection Design

Reservations: Make a reservation and pay for the meeting through the [Chapter Website](#) or email Bill Berger at bill.berger@kohler.com or John Fox at jfox@mwspec.com before noon on **MONDAY, April 15th**, so that a head count can be established. As always, guests are welcome.

All content displayed at ASPE meetings is copyrighted. No one may copy any part of it without permission of the copyright owner. Violation of this rule can lead to monetary damages.

LOOKING AHEAD

**Chapter Meetings to be held at Countryside YMCA,
Lebanon, OH unless noted otherwise.**

May 21, 2024

CPVC Piping Applications with Lubrizol

Presidential prose...



The Certified in Plumbing Design exam dates are **April 15th thru 26th**. Best of luck to all Chapter members who will be sitting for the exam soon. Share your success with us when you pass!

The Chapter Board has voted and going forward students (including co-ops) are always **FREE** to attend meetings.

Our Chapter will be hosting the Region 2 Presidents meeting in Dayton. This brings together over 10 different ASPE Chapters from 6 states and Canada. It's our chance to really showcase our area and extend hospitality to our fellow members.

Currently we are planning to host everyone at the UD Marriott and enjoying social time (and a Bluegrass band) at Carrillon Park Museum. We are seeking affiliate partnerships to advertise during the event and provide some swag-bag items. If you are looking for a slam dunk marketing opportunity please reach out to Brian Fraley or myself.

Secondly, the ASPE Convention & Expo will be in Columbus in October. This is ASPE's biannual event that brings together thousands of engineers and manufacturers. The last Expo featured over 250,000 square feet of event space, will products ranging the entirety of the plumbing industry. With such easy access to this event (you can drive home at the end of the day if you want) I hope to see great turnout from the Southwest Ohio Chapter.

Upcoming Events:

Next SWO Chapter meeting – Fire Protection Design – April 16, 2024
ASPE Convention & Expo 2024 – October 18-23, 2024 - Columbus, OH

Thanks for being here, we like having you.

– **Andrew Hemmelgarn**
President

A promotional graphic for ASPE Young Professionals. It features the ASPE logo (American Society of Plumbing Engineers) in the top left. The main text reads "ASPE YOUNG PROFESSIONALS" in large, bold, blue letters. Below this, it says "Learn more about our group!" in bold black text. A paragraph follows: "AYP is dedicated to the needs of plumbing designers 35 years old and younger. Your local ASPE Chapters have been busy organizing exciting opportunities to help you excel in your career:". This is followed by a bulleted list of benefits: "» Partnerships with other industry groups", "» Social and networking events", "» Professional development opportunities", "» Mentoring programs", and "» And more!". At the bottom, it says "For more info visit: aspe.org/ayp" and features the ZURN logo with the text "Exclusive AYP Sponsor" above it.

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American Society of
Plumbing Engineers

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YOUNG
PROFESSIONALS**

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about our group!**

AYP is dedicated to the needs of plumbing designers 35 years old and younger. Your local ASPE Chapters have been busy organizing exciting opportunities to help you excel in your career:

- » Partnerships with other industry groups
- » Social and networking events
- » Professional development opportunities
- » Mentoring programs
- » And more!

For more info visit: aspe.org/ayp

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Technically Speaking...

The Southwestern Ohio Chapter would like to wish a

Happy Birthday

to the following members celebrating their birthday this month:

Timothy Goodale, Suellen Hugan, John Keppel and Bob McGinnis

And the Chapter would like to wish a

Happy Anniversary

to the following members commemorating their ASPE anniversary this month:

Brad Bruening, Nick Hanes, Deana Crawford, Doug Dockus, Dan Heiskell, Bob McCain, Clayton Milner and Jeremy Williams



Last month's meeting served as a good reminder of ethical business practices. Even in the private sector, we can always check ourselves to ensure that we set the standard for Greater Cincinnati's industry. It also makes me proud to be part of such a group where setting the standard is THE standard. Thank you for the great turnout. This month we are at the Countryside YMCA again to get back into technical sessions. Matt Sciarretti's team with Heapy Engineering is coming in to discuss Fire Code and Standards changes. This should prove useful, as the code updates are in full effect, and provide a great template for engineering best practices. I hope to see you all there!

Other upcoming events:

May 21st: CPVC Piping Applications with Lubrizol

Best Regards,

**– Samuel Church
VP, Technical**

Legislative lingo...



New Ohio Codes in effect now!
 The Plumbing Code with Ohio Amendments can be found on ICC website here: [Ohio Building Codes - ICC Digital Codes \(iccsafe.org\)](http://www.iccsafe.org)
 The red text is added by Ohio to the 2021 IPC.

ADA requirement referenced standards. See clip below of what standard to follow based on construction type. Basically renovations is the 2009 version and new construction, including building additions follow the 2017 version.

ICC **117.1-09** Accessible and Usable Buildings and Facilities (for alterations and change of occupancy)
 202, 907.5.2.3.3, 1009.8.2, 1009.9, 1009.11, 1010.2.13.1, 1012.1, 1012.6.5, 1012.10, 1013.4, 1023.9, 1102.1, 1108.2, 1110.1, 1110.2, 1110.5.1, 1110.5.2, 1112.3, 1112.4, 1112.5, 1112.5.2, 1207.1

ICC **117.1-17** Accessible and Usable Buildings and Facilities (for new construction and additions)
 202, 907.5.2.3.3, 1009.8.2, 1009.9, 1009.11, 1010.2.13.1, 1012.1, 1012.6.5, 1012.10, 1013.4, 1023.9, 1102.1, 1108.2, 1110.1, 1110.2, 1110.5.1, 1110.5.2, 1112.3, 1112.4, 1112.5, 1112.5.2, 1207.1

– **Jeremy M. Williams PE, LEED AP BD+C VP, Technical**

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Membership musings...



Our next chapter meeting is April 16th 2024 at the Countryside YMCA in Lebanon on Fire Protection Design w/ Matthew Sciarretti, Principal at HEAPY. Looking forward to seeing you all there!

Did you know you can also take advantage of Multiple-Year Membership Renewal and save on your ASPE membership dues if you join or renew for more than one year! 5% Discount for a two-year renewal. 10% Discount for a three-year renewal.

The following members renewed in March, and we'd like to acknowledge them for their continued support to our local chapter, Justin Beck, John Brockmeier, Travis Burke, Patrick Fernbach and AnnMarie Kaestner. Thank you all!

Our total membership is holding strong at 107 members this month with these new additions and renewals. We have 58 Full members, 17 Associate members, 29 Affiliate members, 2 Life members, and 1 Retired member.

Total Membership		
	April 23'	April 24'
Buffalo-Niagara	40	42
Central Indiana	116	124
Central Ohio	100	111
Cleveland	94	91
Eastern Michigan	103	107
Evansville	33	35
Johnstown	28	30
Kentucky Bluegrass	25	29
Pittsburgh	100	97
Rochester	64	83
Southwestern Ohio	100	107
Toronto	104	110
Western Michigan	85	92
Region 2 Total:	992	1,058

Thanks,

**– Brian Selander
VP, Membership**

Through the pipes...



• **Mark your calendars!**

The [2024 ASPE Convention & Expo](#) is taking place in Columbus, OH from October 18 - 23, 2024.

Don't miss out on being the first to know when registration opens! [Join the mailing list](#) today to receive your exclusive invite. Treat your mailbox to some well-deserved love and secure your spot at the 2024 ASPE Convention & Expo.

Registration opens soon, so don't wait and mark your calendar for the 2024 ASPE Convention & Expo!

• **ASPE Announces the 2024 Convention & Expo Sunday Night Party Presented by NIBCO Inc.**

ASPE is pleased to announce that once again [NIBCO Inc.](#) is sponsoring the famous Sunday Night Party at the 2024 ASPE Convention & Expo. ASPE's Sunday Night Party Presented by NIBCO Inc. will be held October 20 at the world-renowned Center of Science and Industry (COSI) in Columbus, OH.

COSI, a nationally acclaimed science center, has been captivating Central Ohio with its diverse array of science-related offerings for 58 years. Since 1964, COSI has welcomed more than 33 million visitors from all 50 states and numerous foreign countries. It serves as a catalyst for fostering interest in science, technology, engineering, and math (STEM) subjects, promoting their unique brand of experiential and "hands-on fun" learning.

A perennial highlight of ASPE's Convention & Expo, the Sunday Night Party Presented by NIBCO Inc. is sure to be the most exciting networking event at the 2024 ASPE Convention & Expo. Attendees will enjoy food, drinks, music, and fun while connecting with new and old friends.

• In every Convention year, you have an opportunity to make your mark on our Society by proposing an amendment to the [ASPE Bylaws](#).

At the biennial Business Meeting, Chapter Delegates will debate and vote on amendments to the ASPE Bylaws that have been proposed by

members. If you would like to propose an amendment, please fill out the [Proposed Bylaws Amendment Form](#) and submit it to Billy Smith, FASPE, at bsmith@aspe.org by June 21, 2024.

This opportunity to make your mark on our Society only occur every two years, so don't miss out. If you would like to propose an ASPE Bylaws amendment, submit the proper documentation soon.

• **Registration is open for your [Dynamic D.R.E.A.M.™ Roadmap](#)**

On Friday, May 3, 2024, the Women of ASPE (WOA) invites all professionals to a half-day seminar when award-winning leadership development expert Candy Barone will help you understand how to focus your energy via her proprietary D.R.E.A.M.™ Framework.

What Is Dream?

D = Desires



R = Rocks

E = Essentials

A = Approach

M = Milestones

Seminar Details

The seminar will be held at ASPE's headquarters in Rosemont, Illinois, which is just a short Uber ride from Chicago's O'Hare Airport.

- Where: 6400 Shafer Court, Rosemont, IL 60018
- When: Friday, May 3, 2024 // 9 a.m. to 2 p.m. (includes a one-hour lunch break at noon)
- Cost: \$100 (ASPE Member) // \$150 (nonmember)

Not an ASPE member? [Join today](#) to get the member price and save \$50, and you'll also be able to take advantage of all of ASPE's other member benefits.



• **[Registration Is Open for the 2024 EWTS](#)**

Co-convened by ASPE, IAPMO, and PMI, in cooperation with the World Plumbing Council, the 2024

EWTS will be held May 14–15 in Scottsdale. The theme for this year's conference is "The Nexus Between Sustainability and Safety: Avoiding Unintended Consequences," and the schedule will feature experts on these topics. [Register now>>](#)



- [MedGas Workshop Registration Is Open](#)

This year, ASPE's popular in-person MedGas Workshop will be held four times across the United States, and registration is now open for all of them so you can choose the workshop that best fits your schedule and location.

For the third and fourth quarters of 2024, the in-person MedGas Workshop will be held on September 26–29 in [Grand Rapids, MI \(hosted by Bradford White\)](#) and November 7–10 in [Exton, PA \(hosted by MediTrac\)](#) (click on the links to register.).

ASPE's MedGas Workshop is perfect for anyone seeking to sit for the ASSE 6060 personal certification exam. The workshop also provides the skills and knowledge needed for engineers who want to branch into medical gas system design.

The cost to take the workshop is \$2000 for ASPE members and \$2350 for nonmembers. Not an ASPE member? [Join today](#) to get the member price and save \$150, and you'll also be able to take advantage of all of ASPE's other member benefits.

[Visit ASPE Pipeline](#) for more information on the workshops and links to register.

- The American Society of Plumbing Engineers (ASPE), on behalf of the Professional Engineer Working Group (PEWG), takes this opportunity to announce that our efforts with the National Council of Examiners for Engineering and Surveying (NCEES) **have reached another milestone.** NCEES has advised the PEWG that the Examiners for Professional Engineers (EPE) Committee and NCEES have approved the "Mechanical Plumbing" specification and the Plumbing Exam. While this move places us a step closer to the final goal of having a Plumbing/Piping Exam module within the NCEES Mechanical Engineering suite of exams, much work remains.

NCEES will form a committee to develop the bank of examination questions, but first the committee members will have to undergo training to learn the NCEES/Pearson VUE process. The committee will also be charged with producing an updated reference (handbook) for test takers to study and use. The committee will have to write and review

sufficient exam questions for the first few exams and a practice (sample) exam.

As part of this effort NCEES will be seeking activities and knowledge experts to join this committee. So, if you are a registered Professional Engineer who is actively involved in plumbing engineering and have an interest of participating in this capacity, please contact David Dexter, PE, FASPE, FNSPE, CPD, Master Plumber (plbgegr@gmail.com) so your interest can be shared with NCEES.

Initially, this exam will most likely be offered once per year via the computer testing centers. If interest in the exam grows, it could be offered more frequently. NCEES will develop a marketing plan and publicize the exam once this effort is closer to being made public and the exam development process has been completed.

This effort will significantly increase ASPE's stature in the engineering community while providing an examination that truly tests the necessary activities and knowledge for a person coming into the plumbing engineering profession.



- **ASPE's Book of the Month** program continues with the [Engineered Plumbing Design](#)

[II](#) (eBook version).

Through April 30, 2024, you can purchase the digital edition for 35% off the regular member price. Just enter the coupon code **AprilShowers** when you check out.

The discount is only valid on the digital version of the publication, and the coupon code can only be used once. If you are purchasing multiple items, the discount will be applied only to the assigned publication.

Don't forget to enter the coupon code when you check out to receive the discount.

[Around the Water Cooler...](#)

April and spring are officially here. And, besides showers, April also brings us a new (Or is it old?) Water Cooler conversation.

Suffice it to say it's déjà vu all over again as we revisit a past discussion. Read on:

- *We had a project at an old elementary school that was converted into office/rental space for a nearby college. During demolition of the old gang-style toilet rooms, we found ductwork connecting to the*

back off the toilets (pictured below). Have you ever seen toilets like this before?



Yes, we have seen a similar arrangement a few years ago. As we reported then, there was a small opening in the back of the water closet bowl for the purpose of providing an exhaust connection as close to the source of the typical toilet room odors as possible. The exhaust duct would connect to the bowl at that point and convey exhaust air to the main system.

And this remains not compliant with the current ASTM standards for water closets.

Parting thought...

O Lord, you have searched me and known me.

You know my sitting down and my rising up; You understand my thought afar off.

You comprehend my path and my lying down, and are acquainted with all my ways.

-Psalm 139, 1-3

Looking to stay in touch

with the Chapter



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Last year, we implemented our thermal actuator technology into the CircuitSolver® Union Cold Water balancing valves. These valves are installed in domestic Cold Water recirculation systems to mitigate the risk of Legionella and other bacterial growth. Cold water recirculation is becoming more prominent in hospitals to reduce water stagnation and ensure residual chlorine is distributed but can be beneficial to any commercial building that could experience periods of low flow or non-use.