

October 2023

President's Report

I hope everyone is getting a chance to enjoy the last few days of our summer-like weather. Looks like Fall is arriving next week.

At ASPE's 2023 Tech Symposium this past weekend, our chapter was awarded the Chapter Award of Merit. This award recognizes extraordinary contributions made by Chapters on behalf of the Society. This award reflects the hard work our board has done over the past year to exceed the requirements of ASPE National.

In other news, our chapter's transition to the new website is coming along. It hasn't been completely smooth to be sure. Our headcount for the October meeting is down 15% for our typical meeting and I assume that may be a result of the new website. If you are having issues signing into the website or registering for our meetings, please reach out to me at president@aspecentralohio.com

There are several education and certification courses that ASPE is currently offering:

- Medical Gas Training and Certification Program – The ASSE 6000 Medical Gas training and certification program. Registration is currently open for the next class this November in Dallas/Ft Worth, Texas. The October class in Cherry Hill, New Jersey had to be cancelled due to the venue no longer being available for the class.
- The CPD will be again scheduled for next Spring. And starting with this past Spring, ASPE has offered an online review course in preparation for the exam.

A reminder of other upcoming events:

- The 2023 Sporting Clays Event is coming up on Wednesday October 25th. This year we are teaming up with the Columbus ASHRAE chapter. All of our proceeds from the event go to the Central Ohio ASPE Chapter Scholarship Fund.
- The 2024 Ohio Construction Conference is scheduled for next March at the Ohio Union at OSU. ASPE is a Supporting Organization for this conference. More information will be shared once it is available.

Mike Nickoson

President

September In Person Lunch Meeting and Technical Presentation

October 9th, 2023

In Person

Raymond Memorial

3860 Trabue Road

Columbus, OH 43228

11:30 PM—1:00 PM

\$25.00 — members; \$35.00 — non-members

SUBJECT: Interceptors

SPEAKER: Tony Cole

MiFab Interceptors



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Apollo Valves Backflow www.apollovalves.com	<i>Apollo Valves</i> backflow prevention products for plumbing, fire protection, waterworks and irrigation markets.
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CECO Sinks www.cecocatalog.com	CECO (Commercial Enameling Company) has been in business for over 95 years. Products include Stainless Steel, Cast Iron, Fireclay and Quartz residential, showroom and commercial sinks.
Cool Drain Flow www.cooldrainflow.com	Drain Line Tempering Kits for commercial kitchen equipment, boiler blow down drain lines, condensate return, heat exchanger and dehumidifier lines to temper drain water.
Creative Industries www.creative-terrazzo.com	Pre-cast terrazzo shower floors, mop basins, concrete laundry tubs and stairs or benches, terrazzo or concrete or glass counter tops and custom terrazzo products.
Eemax www.eemax.com	Electric tankless/instantaneous water heaters for commercial, residential and industrial applications, DI and booster heaters, emergency shower eyewash heaters.
Elkhart Products www.elkhartproducts.com	<i>Elkhart Products</i> wrought copper tube fittings, cast fittings and EPC engineered push-fit fitting brands include <i>TECTITE</i> and <i>CopperLOC</i> .
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Schott Scientific Glass / Kimax http://www.us.schott.com/en-us/products/kimax	Glass piping for acid waste and containment piping systems. <i>Knight-Ware</i> acid neutralizing sumps.
Tight Seal Gasket www.tightsealgasket.com	Toilet & urinal setting with Innovative, flexible design, sticky, reusable, elastomer toilet & urinal gaskets. Compresses up to 50%. Will not break or become brittle. Allows movement without leaking.
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Water Control Corporation www.watercontrolinc.com	High Capacity Ultra-Filtration for Legionella & Pathogen control, rainwater reclamation systems with ultraviolet or ozone purification, high purity water systems, water softeners, water filters.
Waterless Company www.waterless.com	<i>Waterless</i> “No Flush” vitreous china and fiberglass urinals with <i>EcoTrap</i> and <i>Blue Seal</i> liquid, <i>UTC Sentinel</i> sensor flushing systems. <i>Everprime</i> floor drain traps primer liquid. <i>Greenclean</i> chemicals.
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Additional Products Distributed: www.repsourcellc.com	Bathroom Partitions (solid plastic, baked enamel, stainless steel, laminate and phenolic), Bathroom Accessories, Lockers (solid plastic and metal), Water treatment products.

VP Technical—Bill Deardurff

Hello to all ASPE Members and friends,
I am excited about seeing you folks again.

The October speaker will be Tony Cole with Mifab Interceptors. Previously Tony was the Market Development Specialist for Endura, the grease interceptor division of IPEX. I have scheduled all the topics through May 2024.

In November, the topic will be Electric Heat Trace for Pipe Freeze Protection, Grease Flow Maintenance, and Domestic Hot Water". The speakers will be Jason Rigali from nVent/ Raychem and Chris Stackhouse from Rep Source.

Bill Deardurff

Vice President Technical

VP Education—Brad Fitzsimmons

ASPE Read Learn Earn

Every month ASPE publishes a new 12-question quiz with an accompanying chapter or article from one of our publications. Each quiz is available for twelve months. Each quiz is free for ASPE Members and \$35 for nonmembers. Through this special series, ASPE can help you accumulate the CEUs required for maintaining your Certified in Plumbing Design (CPD) or Certified Plumbing Design Technician (CPDT) status or numerous regulatory-agency CE programs.

October – Plumbing Design for Healthcare Facilities

Visit <https://education.aspe.org/RLE> to register

(Continued on page 5)

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Upcoming Webinar – Med Gas Workshop

**This is a live, in-person event November 9-12, 2023. The event is being held at:
McMillan James Equipment Company
1044 Texan Trail
Grapevine, TX 76051**

This 32-hour workshop is based on the parameters outlined in [ASSE 6060: Medical Gas Systems Designer](#), a new professional qualification standard that sets forth the training requirements for designers who wish to earn the ASSE 6060 personnel certification. Those who complete the workshop will receive a certificate of training and will have fulfilled the requirements to take the ASSE 6060 certification exam. The ASSE 6060 certification exam is not included as part of this workshop. 1.2 ASPE CEUs will be awarded upon successful completion of this workshop.

The workshop includes:

- Certificate of completion that proves the recipient fulfilled the required training to take the ASSE 6060 exam
- Team-based, hands-on activities, and calculations with actual design exercises
- ASSE 6060 practice exam
- Copy of NFPA 99-2021: Health Care Facilities Code
- Quizzes to test knowledge retention
- Design tables and exercises document
- [Justification letter](#) for your employer
- Calculator and supplies for hands-on exercises
- Lunch, drinks, and snacks are provided each day

What to Bring: A laptop/iPad loaded with [Bluebeam](#) or other software for marking up pdf design exercises.

What To Expect:

- Classroom Hours: 8:00 A.M. to 5:00 P.M. each day (Thursday – Sunday) *Please plan flights accordingly. Students must be present for the entire class.*
- Attire will be business casual (No Shorts or T-shirts)
- Evenings are on your own
- Full days with lots of learning

Investment:

- \$2,000 for ASPE members
- \$2,350 for nonmembers

On-demand Webinars

Did you know? You can register for ASPE Webinars that you may have missed. Visit <https://education.aspe.org/on-demand-webinars> to register and view the library.

ASPE Book of the Month

Through October 31, 2023, you can purchase the digital version (ebook) of [ARCSA/ASPE/ANSI 78-2023: Stormwater Harvesting System Design for Direct End-Use Applications](#) for 25% off the regular member price. Just enter coupon code **stormwater** when you check out.

The fine print:

- Discount is only available for ASPE members.
- Discount can be used on the digital version of this publication.
- If purchasing multiple items, the discount will be applied only to the assigned publication.
- The coupon code can only be used once.
- The coupon code cannot be used on top of the Chapter Officer discount.

Check [ASPE Pipeline](#), social media, and your inbox for news of upcoming Book of the Month discounts.

Brad Fitzsimmons

Vice President Education

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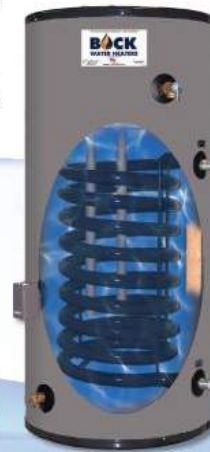
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VP Legislative—Mike Spengler

ICC Unveils the 2024 IPC and 2024 IMC

The International Code Council has announced the release of the 2024 International Plumbing Code (IPC) and the 2024 International Mechanical Code (IMC) from the forthcoming 2024 editions of the International Codes® (I-Codes). The 2024 IPC and IMC will be the first codes among the 2024 I-Codes to undergo substantial formatting changes to improve the user experience and better align print and PDF versions of the I-Codes with the Code Council's Digital Codes® content.

Some of the updates to the 2024 IPC include the following:

- Provisions added for support of buried piping beneath buildings where expansive soil conditions exist.
- Option added for vacuum testing of drain, waste, and vent (DWV) piping.
- Showerhead flow limited to 2.0 gallons per minute (gpm) with performance complying with high-efficiency requirements.

- Standards added for chemical waste piping and fitting materials.

For more details about these changes, please visit our [dedicated webpage](https://www.iccsafe.org/about/2024-i-code-updates/). (<https://www.iccsafe.org/about/2024-i-code-updates/>)

To purchase print or digital copies of the 2024 IPC and IMC, visit the [Code Council's store](https://shop.iccsafe.org/international-codes.html). (<https://shop.iccsafe.org/international-codes.html>)

Ohio Board of Building Standards Adopts 2024 Ohio Building Code

The Ohio Board of Building Standards (OBBS), at its August 11, 2023, meeting, adopted the new 2024 Ohio Building Code (OBC), Mechanical Code (OMC) and the Ohio Plumbing Code (OPC) as part of its ongoing process to update Ohio's current building codes and to comply with legislation that reduces restrictive, duplicative or outdated and unnecessary language within the Ohio Administrative Code. AIA Ohio

(Continued on page 9)

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has been working with the OBBS as a stakeholder, providing comments, feedback, and information to the Board on the proposed changes to the agency rules. The new code adopts by reference the 2021 edition of the International Codes published by the International Code Council (ICC).

The new 2024 Ohio Building Code will take effect beginning March 1, 2024, providing Ohio's design professionals with reasonable time to incorporate the changes in projects under design. While there are differences between the 2021 IBC and the new 2024 OBC, designers can use the 2021 IBC as a guide to the new rules. For the specific changes in each of the three codes, OBC, OMC and OPC, members can view the changes to the IBC version by clicking the following links:

[2024 Ohio Building Code Rules Effective March 1, 2024](https://com.ohio.gov/static/documents/2024%20Ohio%20Building%20Code%20Rules%20Effective%20March%201,%202024.pdf)

(<https://com.ohio.gov/static/documents/2024%20Ohio%20Building%20Code%20Rules%20Effective%20March%201,%202024.pdf>)

[2024 Ohio Mechanical Code Rules Effective March 1, 2024](https://com.ohio.gov/static/documents/2024%20Ohio%20Mechanical%20Code%20Rules%20Effective%20March%201,%202024.pdf)

(<https://com.ohio.gov/static/documents/2024%20Ohio%20Mechanical%20Code%20Rules%20Effective%20March%201,%202024.pdf>)

[2024 Ohio Plumbing Code Rules Effective March 1, 2024](https://com.ohio.gov/static/documents/2024%20Ohio%20Plumbing%20Code%20Rules%20Effective%20March%201,%202024.pdf)

(<https://com.ohio.gov/static/documents/2024%20Ohio%20Plumbing%20Code%20Rules%20Effective%20March%201,%202024.pdf>)

The rules listed in the above links only indicate those sections that are being amended, deleted or changes from the 2021 IBC.

The complete set of codes are expected to be available through the ICC via both a printed version and electronic version on the website www.iccsafe.org by November 1, 2023. The printed format will be available for sale in a format similar to that currently offered for the existing code.

Ohio BBS Memo - Storm Shelter Moratorium Update

The Board of Building Standards has updated its BBS Memo regarding the moratorium for storm shelters in Group E occupancies to include the following:

December 2022 Update: The moratorium in R.C. 3781.1010 which prohibited the Board's rules from requiring the installation of a storm shelter in any school building operated by a public or private school expired on November 30, 2022. The moratorium also expired for any school building undergoing or about to undergo construction, alteration, repair, or maintenance unless "financing has been secured" prior to November 30, 2022. The Ohio Attorney General issued Opinion 2019-027 in response to the Board's request for guidance on the meaning of "financing has been secured" in R.C. 3781.1010. The Opinion is available [here](https://www.ohioattorneygeneral.gov/getattachment/32ebe778-a585-43a5-8df5-2e553c2a3730/2019-027.aspx) (<https://www.ohioattorneygeneral.gov/getattachment/32ebe778-a585-43a5-8df5-2e553c2a3730/2019-027.aspx>)

If you have questions related to information contained in the Memo, please contact the Board's technical staff at 614-644-2613 or at bbs@com.state.oh.us

Mike Spengler

Vice President Legislative

Registration Is Open for the 2023 ASPE Tech Symposium in Bellevue

This year's premier professional development event for plumbing engineers and designers, the 2023 ASPE Tech Symposium, is being held September 28 – October 1 at the Hyatt Bellevue in Bellevue, Washington, and early bird registration is now available at aspe.org/2023-tech-symposium until June 30. This is an excellent opportunity for professionals at all career levels to engage in productive technical exchanges and networking, including:

- Plumbing engineers and designers
- Mechanical engineers and designers
- Sales engineers
- Estimators
- Sales reps
- Applications engineers
- Technicians
- Master Plumbers
- Specifiers
- Consultants
- Students

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VP Membership—Tim Firlik

Fall is among us, the leaves are falling, and there is some great football on! We hope that your HS, College, and Professional team is doing great! I feel this is a great time to challenge you to invite someone to join our chapter! As always, the Central Ohio Chapter of ASPE is looking for new members! Do YOU know of any?? Anyone that would benefit in Plumbing Technical Publications – Plumbing Convention and Technical Symposiums - Certifications in Plumbing Design – Plumbing Codes and Legislation – Continued Education Programs and networking with peers throughout the plumbing industry. Please send them my email address and we'll get them signed up with this great organization. tfirlik@cmta.com

Membership renewal! If you are up to renew your membership, remember to do it today! We don't want to see you go!! There is a new option to be apart of multiple chapters! If you are interested, please keep The Central Ohio Chapter as your home chapter and sign up for as many others as you wish for only \$80 per chapter. You can also take advantage of Multiple-Year Membership Renewal.

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- 5% Discount for a two-year renewal.
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BENEFITS OF MEMBERSHIP

Becoming a member of the Central Ohio ASPE Chapter provides the following benefits:

- ASPE Plumbing Engineering Design Handbook
- Bi-monthly subscription to Plumbing Systems & Design magazine
- ASPEReport (in Plumbing Engineer magazine)
- Members Only ASPEnet Access (includes access to ASPE Data Books chapters)
- Publications and Education Programs Discounts
- ASPE Biennial Convention and Exposition (even years)
- ASPE Biennial Technical Symposia (odd

- years)
- Technical Seminars and Workshops
- Access to Earn Continuing Education Units (CEUs)
- Technical Books and Manuals (specific to the profession of plumbing engineering)
- Professional Certification / Recertification
- Continuing Education Opportunities in Plumbing Engineer magazine
- Alfred Steele Scholarship Program
- Local Chapter Affiliation
- Monthly Chapter Meetings and Technical Seminar Opportunities
- Networking Opportunities with Plumbing Engineers Worldwide
- Leadership Opportunities (Board of Directors, Region Chairs, Chapter Officers, Committees)

Please remember if any of your pertinent information has changed that it is your responsibility to notify ASPE National and The Central Ohio Chapter. You'll want to do this in order to remain on our mailing list.

Tim Firlik

Vice President Membership

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ASPE CENTRAL OHIO CHAPTER 2023-2024 MEETING and EVENT SCHEDULE

September 11, 2023	Pipe Hangers and Supports
October 9, 2023	Interceptors
October 20, 2023	Sporting Clays Event w/ASHRAE
November 13, 2023	Self Regulating Heat Cables
December 11, 2023	Domestic Booster Pumps
January 8, 2024	Understanding Pump Curves
February 12, 2024	Flue Venting Fundamentals
March 11, 2024	Ohio Plumbing Code Update
April 8, 2024	Heat Pumps for Domestic Hot Water
May 13, 2024	Medical Gas Design
June , 2024	Golf Outing

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