

## September 2022

### President's Report

The September 12<sup>th</sup> meeting invite has already been sent out and the window to RSVP has closed. Unfortunately, our new location requires a head count 1 week prior to the meeting so our RSVPs need to be early. For the 2022-2023 year we will be holding our meetings at the Reception House at Raymond Memorial. This is the location where we had our April meeting.

A reminder that the 2022 ASPE Convention and Expo is September 16<sup>th</sup> through 21<sup>st</sup> in Indianapolis. This is a premier opportunity for plumbing engineers and designers at all career levels to engage in productive technical exchanges and networking. The Convention and Expo kicks off with business meetings on the 16<sup>th</sup> thru 18<sup>th</sup>. The Exposition and Technical Education Sessions begin on Monday the 19<sup>th</sup> and thru Wednesday the 21<sup>st</sup> (Exposition is Monday and Tuesday only).

Attendees can choose from a variety of professional development sessions in several tracks to customize their learning experience. Classes are designed to teach participants how to integrate the most current design techniques into their projects, with hands-on calculation and application examples.

Registration is now open. More information can be found at the ASPE website ([aspe.org](http://aspe.org)). If you didn't know, registration for the Expo is free so even if you don't want to attend the conven-

tion you can still walk the Expo floor and it's only a short drive away.

I hope to see everyone September 12<sup>th</sup>.

*Mike Nickoson*

President

### September In Person Lunch Meeting and Technical Presentation

September 12th, 2022

#### In Person

Raymond Memorial

3869 Trabue Road

Columbus, OH 43228

11:30 PM—1:00 PM

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

**SUBJECT:** Curbless Shower Design

**SPEAKER:** Darryl Jones

QuickDrain USA

Darryl is the National Manager of Commercial / Showroom Training for QuickDrain USA. Before joining QuickDrain USA, Darryl Jones was the Corporate Trainer for KWC's Aquapunkt, a state-of-the-art training facility located in Norcross, GA. He carries over 28 years of industry experience in showroom management, independent manufactures representation and continues to serve on the Education board for DPHA.



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## VP Technical—Bill Deardurff

Hello to all ASPE Members and friends,  
Our September speaker will be Daryl Jones of Oatey talking about Curbless Shower Design.

Please plan on going to the ASPE Exposition and Convention in Indianapolis September 19th—21st.

In October the speaker will be Paul Galvin of GF Piping Systems talking about Polymer Process Water Piping Systems.

Please send me any ideas for speakers or topics for this year's meetings.

*Bill Deardurff*  
Vice President Technical



# SAVE THE DATE

October 7, 2022

## COASPE SPORTING CLAYS

### SCHOLARSHIP

### FUND RAISER

BLACKWING SHOOTING CENTER

10:00AM to 4:00PM

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## VP Education—Brad Fitzsimmons

### ASPE Book of the Month

Through September 30, 2022, you can purchase the digital version (eBook) of *Pharmaceutical Facilities Plumbing Systems* for 35% off the regular member price. Just enter coupon code **aspeconvention** when you check out.

The fine print:

- Discount is only available for ASPE members.
- Discount can only be used on the eBook (digital) version of publications.
- 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.

### 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 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.

September – Site Utility Systems

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

*Brad Fitzsimmons*

Vice President Education

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## VP Legislative—Mike Spengler

### ASPE Seeks Volunteers to Help Develop New Standard on Thermal Disinfection

ASPE Working Group 99 was recently approved to develop a new standard that will provide guidelines to the healthcare and MEP engineering communities on approaches to optimally implement and manage the thermal disinfection process, and we seek industry experts (mechanical/electrical/plumbing engineers, healthcare facility owners and management and operations personnel, and plumbing product manufacturers) to participate in the process. Interested professionals can apply at [aspe.org](http://aspe.org).

ASPE 99-202x: Implementation and Management of the Thermal Disinfection Process in Domestic Hot Water Systems will provide guidelines to the healthcare and mechanical/electrical/plumbing engineering communities on approaches to optimally implement and manage the thermal disinfection process. This standard will provide direction on how to effectively implement and manage the thermal disinfection process utilizing these components.

### ASSE/IAPMO/ANSI 12080 for Legionella Water Safety and Management Personnel Available

ASSE/IAPMO/ANSI 12080: Professional Qualifications Standard for Legionella Water Safety and Management Personnel, has been designated as an American National Standard by the American National Standards Institute (ANSI) and is now available for purchase.

ASSE/IAPMO/ANSI 12080 outlines the minimum qualifications needed, including knowledge and competency, to become a member of a water safety team involved in the development of a risk assessment analysis, and water management and sampling plan, for protection from Legionella and other waterborne pathogens. Its purpose is to provide a curriculum of minimum criteria, identified by industry consensus, to ensure knowledge and understanding of standards and codes, and the resources, understanding, and skills needed to

conduct a facility risk assessment and implement a water safety and management program to reduce the risk of infections due to Legionella.

To purchase ASSE/IAPMO/ANSI 12080, please visit the ASSE International Webstore (<http://www.assewebstore.com/>) For questions regarding the standard, contact Marianne Waickman at [marianne.waickman@asse-plumbing.org](mailto:marianne.waickman@asse-plumbing.org) or (708) 995-3015.

### ASSE/IAPMO/ANSI 12080 for Legionella Water Safety and Management Personnel Available

ASSE/IAPMO/ANSI Series 5000-2022: Cross-Connection Control Professional Qualifications Standard has been designated as an American National Standard by the American National Standards Institute (ANSI) and is now available for purchase.

ASSE/IAPMO/ANSI Series 5000, the referenced standard in the Uniform, International, and National Standard Plumbing codes, provides requirements for testing of backflow prevention assemblies and establishes the minimum qualifications requirements for certified backflow prevention assembly testers, fire protection system cross-connection control testers, backflow prevention assembly repairers, cross-connection control surveyor/specialists, and backflow prevention program administrators. The Series 5000 is referenced by code bodies and authorities having jurisdiction throughout North America and on an international basis. The document also contains additional information in its appendices, including field test procedures, troubleshooting flowcharts and guides, assembly and test kit schematics, and sample field test report forms.

To purchase ASSE/IAPMO/ANSI Series 5000-2022, please visit the ASSE International Webstore at [assewebstore.com](http://assewebstore.com). For questions regarding the 2022 edition, contact Janice McNellis, ASSE International Manager of Professional Certifications, at [janice.mcnellis@asse-plumbing.org](mailto:janice.mcnellis@asse-plumbing.org).

(Continued on page 9)





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<b>Liberty Pumps</b> <a href="http://www.libertypumps.com">www.libertypumps.com</a>	Sump, drain and condensate, utility, transfer, effluent and sewage pumps, <i>Omnivore</i> and <i>ProVore</i> grinders, <i>Accent II</i> macerating toilet system and engineered pump system packages.
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<b>Plumberex</b> <a href="http://www.plumberex.com">www.plumberex.com</a>	<i>Pro-Extreme</i> , <i>Trap Gear</i> , <i>Handy Shield Maxx</i> and <i>Clear Shield</i> lavatory trap and riser insulation kits. <i>Mushroom Flange</i> and <i>Floor Sink Carrier</i> specialty products.
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<b>Schott Scientific Glass / Kimax</b> <a href="http://www.us.schott.com/en-us/products/kimax">http://www.us.schott.com/en-us/products/kimax</a>	Glass piping for acid waste and containment piping systems. <i>Knight-Ware</i> acid neutralizing sumps.
<b>Tight Seal Gasket</b> <a href="http://www.tightsealgasket.com">www.tightsealgasket.com</a>	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.
<b>TOTO USA</b> <a href="http://www.totousa.com">www.totousa.com</a>	Global Manufacturer of Residential and Commercial Plumbing Fixtures, <i>Washlet</i> toilet seat, <i>NeoRest</i> toilets and Accessories.
<b>Wade Drainage</b> <a href="http://www.wadedrains.com">www.wadedrains.com</a>	Cast iron floor drains, floor sinks, roof drains, cleanouts, carriers, interceptors, hydrants, shock absorbers, trap primers, access covers,, trench drains, Siphonic Roof Drainage System.
<b>Water Control Corporation</b> <a href="http://www.watercontroline.com">www.watercontroline.com</a>	High Capacity Ultra-Filtration for Legionella & Pathogen control, Rainwater Reclamation Systems with Ultraviolet or Ozone purification, vortex downspout separators, storage tanks and complete controls for turnkey systems.
<b>Waterless Company</b> <a href="http://www.waterless.com">www.waterless.com</a>	<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.
<b>Xerxes / Shawcor</b> <a href="http://www.xerxes.com">www.xerxes.com</a>	Fiberglass Water and Wastewater storage solutions. Water storage, grease, oil, solids interceptors, and decontamination tanks.
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## VP Membership—Tim Firlik

Only about 106 shopping days until Christmas! Well, now that I got your attention! 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!! See you in September at our next ASPE meeting, join us in person and connect again with Reps and fellow members. 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 signup for as many others as you wish for only \$80 per chapter.

### **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**



## IAPMO Publishes the Water Demand Calculator as a Standalone Document

The International Association of Plumbing and Mechanical Officials (IAPMO®) has published IAPMO/UPC/Appendix M-2021, Peak Water Demand Calculator, as a standalone document. This document is a direct extract from Appendix M of the 2021 Uniform Plumbing Code (UPC®), which was developed via an ANSI-accredited development process. All references to other sections of the UPC have also been extracted to avoid dependence of additional documents. The IAPMO/UPC/Appendix M-2021 is a document that can be readily utilized and adopted by any jurisdiction for water and energy conservation, to improve housing affordability, and to improve water quality.

A copy of IAPMO/UPC/Appendix M-2021 can be purchased here: [iapm-membership.org/store/2021-upc-appendix-m-ebook/1175](http://iapm-membership.org/store/2021-upc-appendix-m-ebook/1175).

## U.S. Department of Energy Releases Energy-Savings requirements for Federal Buildings

The U.S. Department of Energy (DOE) has announced the release of new energy-efficiency requirements for federal buildings (<https://www.federalregister.gov/documents/2022/04/05/2022-07138/energy-efficiency-standards-for-the-design-and-construction-of-new-federal-low-rise-residential>) that will take effect in 2023. Along with these requirements, the DOE also proposed new standards for residential room air conditioners and pool heaters to help consumers save on utility bills. The new codes and standards are estimated to potentially save more than \$15 billion in net costs over the next 30 years and allow the federal government to lead by example in energy efficiency.

In April of 2023, all new federal buildings and major retrofits to existing federal buildings must comply with the International Code Council's 2021 International Energy Conservation Code (IECC) and the 2019 ASHRAE Standard 90.1. According to the DOE, implementation of the IECC and ASHRAE Standard 90.1 will save \$4.2 million dollars in operating costs within the first year.

## New ASTM Water Standard to Help Detect Legionnaire's Disease Bacteria

ASTM International's water committee (D19) has approved a new standard that provides an easy and accurate culture method for detecting Legionella pneumophila, the primary bacteria responsible for Legionnaires' disease. It is a potentially lethal pneumonia contracted from the inhalation of L. pneumophila bacteria that has been aerosolized by contaminated water sources such as showers, pools and spas, or cooling towers.

The new standard (D8429) describes a method for detecting and quantifying L. pneumophila to meet water management requirements. Such requirements are necessary to regularly validate that treatment and control measures are effective in potable and nonpotable water associated with industrial, commercial, healthcare, and residential settings. Jody says the new method is easier to perform and provides faster results than other methods.

*Mike Spengler*

Vice President Legislative

## AYP Liaison— Brooke Schroeder

"AYP stands for ASPE Young Professionals. A young professional in ASPE is anyone 35 years old and younger. We had our first AYP event in the beginning of August, and I wanted to say thank you to everyone that attended! It was great to see people before we start the ASPE meetings. The goal is to do another AYP event in the future."

*Brooke Schroeder*

AYP Liaison

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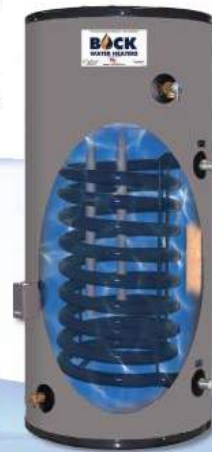
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## Officers

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## ASPE CENTRAL OHIO CHAPTER 2021-2022 MEETING and EVENT SCHEDULE

September 12, 2022	Curbless Shower Design
October 10, 2022	Polymer Process Water Piping Systems.
November 14, 2022	TBD
December 12, 2022	TBD
January 9, 2023	TBD
February 13, 2023	TBD
March 13, 2023	TBD
April 10, 2023	TBD
May 8, 2023	TBD
June , 2023	Golf Outing

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