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## MEETING FORMAT

6:00 – 6:30	Social
6:30 – 6:45	Announcements & Table Tops
6:45	Dinner Served
7:00 – 8:00	Presentation

DATE:	May 24 2023
TIME:	6:00pm to 8:00pm
PLACE:	<a href="#">Olive Grove Restaurant</a>
TOPIC:	WSSC Code Update
SPEAKER:	Chris Imhof, PE, CPD VP Legislative

[Register Today](#)



**Olive Grove**  
Restaurant & Lounge  
705 N. HAMMONDS FERRY ROAD, LINTHICUM, MD 21090  
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**ASPE**  
CHAPTER AWARD OF MERIT  
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Local Chapters are not authorized to speak for the Society.  
Newsletter questions? Please contact [Nikita Patel](#)



# ASPE Baltimore Board of Directors



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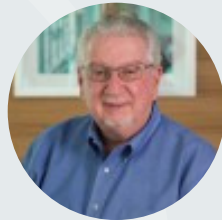
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## Newsletter Advertising

- As a paid advertiser, you will have your advertisement in the newsletter for one full year (9 editions) and company logo displayed on the Chapter website.
- Ads for the year will begin in the September issue and run through the May issue.
- All ads must be paid in full prior to the advertisement being included in the newsletter.
- Advertiser must provide ads in high resolution PDF format. Logo must be provided in .jpeg format, 200px wide size
- Cost per advertisement is as follows:
  - Full Page \$ 750.00
  - Half Page \$ 500.00
- Please contact Nikita Patel or Chuck Swope
- Make checks payable to Baltimore Chapter of ASPE. Please contact the Chapter Treasurer with any questions.



Chuck Swope, PE, CPD, LEED AP BD+C  
Chapter President

As the ASPE season comes to a close, it's important to take a moment to reflect on the events and people that made this year truly exceptional. The Baltimore ASPE Chapter has once again exceeded expectations, providing members with a fantastic season of networking, education, and camaraderie. First and foremost, a huge thank you to our board members Julian Chival and Niki Patel, who have been instrumental in organizing and executing the various events throughout the year. Their tireless efforts and dedication to the chapter have not gone unnoticed and are greatly appreciated by all members. Without them, we would not have the great events that we have experienced this year. Niki was instrumental as our Education Chair to bring us our most popular events, the Joint Meeting with the Local UA 486 and our annual Engineer's Week Presentation with the Baltimore City High Schools, to name only a few. The AYP events were also a great success, providing younger members with the chance to connect and learn from more from each other. It's fantastic to see the chapter fostering the next generation of leaders in the industry.

Of course, we cannot forget the Bi-Annual ASPE Convention, which always provides an outstanding opportunity for education and networking. I was proud to represent our chapter at the ASPE Business Meetings with Julian and Niki. I learned that ASPE doesn't happen by itself and needs a dedicated group of volunteers to fuel the organization. Naturally, there's the boring(?) bits where we vote on the obvious, like ratifying next years budget. Even then, there was some surprise moments where we elected our new Region I Director, Paul Freeman. And who could forget Bylaw 8!

**Looking ahead, the chapter has a new event planned for the summer. The Summer Picnic promises to be a fun-filled day of food and games, and a great chance to catch up with fellow members in a relaxed setting. It will be held on Saturday, July 29th. It's going to be a Family Event held at the Oregon Ridge Park. We'll have a Pavilion rented with lots of food and games! There's even a nearby playground, so please bring the family!**

And for those looking for more education and networking opportunities, the ASPE Technical Symposium in Bellvue, WA, is an event not to be missed. With top industry experts speaking on a range of topics, this is a fantastic opportunity to learn and connect with other professionals from across the country. Registration is already open, and there's even an early bird discount! The event runs from September 28 through October 1 with lots to do and see. The schedule includes 40(!) technical education sessions as well as a two day product show. For those of us who need credential maintenance, I can confirm that you can earn up to 12 credit hours for your PE license and CPD certifications.





Chris Imhof, PE, CPD  
Vice President- Legislative

## **WSSC Water to Amend WSSC Plumbing and Fuel Gas Code**

WSSC Water has approved a resolution to amend and update Chapter 14.25.010 of the WSSC Code of Regulations, the WSSC Plumbing and Fuel Gas Code (Code). The Code, which relates to regulations for plumbing, gasfitting, sewer and drain cleaning, site utility work, cross-connection control, and industrial and special waste, has various proposed changes or amendments. This edition of the Code shall be known as the 2021 WSSC Plumbing and Fuel Gas Code. The Code adopts, with amendments, the 2021 editions of the International Plumbing Code and International Fuel Gas Code.

The 2021 WSSC Plumbing and Fuel Code will become effective April 1 and may be viewed on the WSSC Water website at: [wsscwater.com/codebooks](http://wsscwater.com/codebooks)

For additional code-related information, contact Technical Standards Engineering Manager Chris Imhof at [christopher.imhof@wsscwater.com](mailto:christopher.imhof@wsscwater.com) or 301-206-8514.

I will also be presenting at the May 24, 2023 Baltimore ASPE Meeting.

## **Recent State Legislation**

The following is a list of recent state legislation and current status. The related subjects include licensing, wastewater treatment, utilities, climate action, water reuse, fire protection, waste haulers.

### **To Governor**

Senate Bill 0007 and House Bill 0030 – Environment – On-Site Wastewater Services – Board, Fees, and Penalties

Synopsis: Altering the composition of the State Board of On-Site Wastewater Professionals; clarifying and altering the distribution of certain fees and penalties; and clarifying the application of certain license requirements and penalties.

House Bill 0132 – Heating, Ventilation, Air-Conditioning, and Refrigeration Services – Journeyman License – Qualifications

Synopsis: Altering certain qualifications for a journeyman license to provide heating, ventilation, air-conditioning, and refrigeration services to require having held an apprentice license for 4 rather than 3 years and having completed at least 6,000 rather than 1,875 hours of training under the direction and control of a licensed contractor.

## **To Governor (continued)**

### **Senate Bill 0407 and House Bill 0848 – Drinking Water – Indirect Potable Reuse Pilot Program – Establishment**

Synopsis: This emergency bill establishes the Indirect Potable Reuse Pilot Program within the Maryland Department of the Environment (MDE). The purpose of the pilot program is to authorize the regulated use of reclaimed water as a source for “drinking water treatment facilities.” The bill authorizes MDE to review, permit, and regulate a process to use reclaimed water as a source for a drinking water treatment facility through a potable reuse permit under certain circumstances. The bill establishes provisions governing permit applications, the issuance and terms of permits, grounds for permit denial and revocation, and the renewal of permits. MDE must accept permit applications between July 1, 2023, and June 30, 2024. The bill establishes a related reporting requirement for MDE and authorizes MDE to adopt regulations. Except for specified provisions relating to the renewal of permits, the bill terminates June 30, 2028.

### **Senate Bill 0471 – Sediment Control Plans, Discharge Permits for Stormwater Associated With Construction Activity, and Notice and Comment Requirements**

Synopsis: This bill requires the Maryland Department of the Environment (MDE) to review and update the specifications for sediment control plans by December 1, 2024, and every five years thereafter. When conducting the review and updates, MDE must meet specified requirements and consult with specified groups and stakeholders. By November 1, 2023, MDE must report to the General Assembly on its plans for reviewing and updating the specifications. The bill also establishes enhanced public comment requirements for construction activities located in certain sensitive areas, such as the Critical Area Buffer and floodplains identified by the Federal Emergency Management Agency (FEMA).

### **Senate Bill 0483 and House Bill 0011 – Private Well Safety Act of 2023**

Synopsis: This bill establishes the Private Well Safety Program and the Private Well Safety Fund, administered by the Maryland Department of the Environment (MDE), to manage and, subject to the availability of funding, address the contamination of private wells in the State. The purpose of the special fund is to award grants to “eligible counties” and “covered households” in “ineligible counties” for costs associated with water quality testing and remediation. MDE may adopt regulations to implement the program. The bill also establishes related reporting and outreach requirements as well as requirements for contracts for the sale of real property. MDE must also establish a private well water quality database utilizing an online portal to receive water quality tests and conduct a study on long-term funding options for monitoring and analyzing groundwater resources, as specified. The bill takes effect October 1, 2024.

### **House Bill 1127 – Harford County – Advisory Plumbing Board**

Synopsis: Authorizing the governing body of Harford County to enact a local law providing for the membership and terms of the Harford County Advisory Plumbing Board.

### **Senate Bill 0830 – Environmental Health Specialists and Well and Septic Systems Permitting – Studies (Environmental Health Systems Support Act of 2023)**

Synopsis: This bill requires two studies related to environmental health specialists and well and septic systems permitting. First, the Maryland Department of the Environment (MDE) and the Maryland Department of Health (MDH), in consultation with the Board of Environmental Health

Specialists (BEHS), must conduct a study on staffing needs for environmental health specialists in local health departments (LHDs). MDE and MDH must submit a report of their findings and recommendations to the Governor and the General Assembly by December 1, 2023. Second, MDE, in consultation with the Department of Legislative Services (DLS) and the University of Maryland Agriculture and Food Systems (AgFS) Extension Program, must study the implications of the delegation of MDE's well and septic systems permitting authority to MDH. MDE must submit an interim report of its findings and any recommendations for legislative or administrative changes to the Governor and the General Assembly by December 1, 2023; a final report is due by December 1, 2024. The bill takes effect July 1, 2023, and terminates June 30, 2025.

### **Failed to Pass**

#### Senate Bill 0225 and House Bill 0499 – Environment – Publicly Owned Treatment Works – PFAS Monitoring

Synopsis: Requiring the owner or operator of a publicly owned treatment works to monitor and report the levels of certain per- and polyfluoroalkyl substances (PFAS) in effluent, influent, and biosolids.

#### Senate Bill 0250 and House Bill 0147 – Environment – Climate Crisis Plan – Requirement

Synopsis: Requiring each county to prepare a climate crisis plan to address the effects of climate change in the county; requiring each county to submit its plan to the Department of the Environment for review and feedback on or before June 1, 2024; requiring the Department to provide feedback to each county on or before November 1, 2024; requiring each county to finalize its plan on or before January 1, 2025; and requiring each county to review and update its plan at least once every 3 years.

#### Senate Bill 0337 and House Bill 0061 – Utility Contractors – Employment and Licensure – Requirements and Application

Synopsis: Altering the application of a provision of law that requires investor-owned electric companies and gas and electric companies to require contractors and subcontractors on certain projects to take certain actions related to employment and licensure; and altering the actions that the contractors and subcontractors must take with respect to apprenticeship programs and wages.

#### Senate Bill 0392 – Wastewater Facility Supplemental Operations and Maintenance Grant Program – Establishment

Synopsis: Establishing the Wastewater Facility Supplemental Operations and Maintenance Grant Program for the purpose of providing competitive grants for publicly owned wastewater facilities facing operations and maintenance challenges that threaten the ability of the facility to discharge clean water and meet certain laws; authorizing the Governor, for fiscal year 2025 and each fiscal year thereafter, to include in the annual budget bill an appropriation of \$10,000,000 for the Program; etc.

#### Senate Bill 0447 and House Bill 0847 – Anaerobic Digestion Workgroup

Synopsis: Establishing an Anaerobic Digestion Workgroup to study, identify, examine, and make recommendations on certain aspects of anaerobic digestion; and requiring the Workgroup to report its findings and recommendations to the Governor and the General Assembly on or before December 30, 2023.

## **Failed to Pass (continued)**

### Senate Bill 0512 – Drinking Water – Legionella Pneumophila Bacterium – Minimizing Growth and Transmission

Synopsis: Requiring an owner or operator of a public water system to maintain a detectable residual disinfectant level of at least 0.5 milligrams per liter of chlorine, not to exceed the maximum residual disinfectant level set by the U.S. Environmental Protection Agency in the water distribution system and to conduct certain sampling and analysis at frequent and regular intervals; requiring an owner or operator of a public water system to provide certain notice of certain water distribution system disruptions; etc.

### Senate Bill 0513 – Environment – Collection and Reporting of Drinking Water and Wastewater Data and Information – Requirements

Synopsis: Requiring a supplier of water to inspect certain valves in a public water system in a certain manner, repair or replace certain valves, inspect certain fire hydrants, formulate and implement a certain plan, identify the locations of certain valves, and record certain characteristics and identifiers of certain valves; requiring a supplier of water to develop a certain cybersecurity program by February 1, 2024; etc.

### Senate Bill 0596 – Business Occupations and Professions – Occupational Licenses and Certificates – Criminal History

Synopsis: Prohibiting certain boards and commissions within the Maryland Department of Labor that issue occupational licenses and certificates from denying a license or certificate to an applicant solely because of the criminal history of the applicant; and requiring certain boards and commissions to establish a certain predetermination review process for certain individuals seeking a certain occupational license or certificate.

### Senate Bill 0689 and House Bill 0904 – Public Utilities – Energy Efficiency and Greenhouse Gas Emissions Reductions – Alterations and Requirements

Synopsis: Altering the goals and requirements of certain energy efficiency programs to include certain greenhouse gas emissions reductions from electric companies and gas companies beginning January 1, 2024; requiring the EmPOWER Maryland Program to provide consumer rebates, and promote the use of certain federal rebates, for certain technologies; requiring the Department of Housing and Community Development and electric utilities to promote fuel switching from gas to electricity; etc.

### Senate Bill 0768 and House Bill 0609 – Environment – Waste Haulers – Reporting Requirement

Synopsis: Requiring a waste hauler that disposed of waste to a facility or disposal site located in a county to submit a report on waste disposal activities to the county on or before March 1 each year; and establishing that a waste hauler that violates the Act is subject to a civil penalty not exceeding \$50 for each day on which the violation exists.

### Senate Bill 0776 and House Bill 1170 – Graywater Systems – Public and Private Buildings – Authorization

Synopsis: Authorizing the use of a certain graywater system to serve a public or private building that is located on a former dredge site or is located in a remote area with minimal public access and operates on a seasonal basis; and requiring the owner or operator of a building using a graywater system to safely dispose of graywater in a certain manner.

## **Failed to Pass (continued)**

### Senate Bill 0778 and House Bill 1003 – Wicomico County – Seasonal Restaurants – Potable Running Water and Graywater

Synopsis: Authorizing a seasonal restaurant in Wicomico County to operate without providing potable running water to customers if the restaurant is located in a certain area and uses a graywater system and a community sewerage system is not available to serve the restaurant; and requiring the owner or operator of a seasonal restaurant authorized to operate without providing potable running water to customers under the Act to safely dispose of graywater in a certain manner.

### Senate Bill 0883 and House Bill 0893 – Environment – Water Utilities – Shutoff Protections (Water Access for All Protection Act)

Synopsis: Authorizing a certain water utility to temporarily shut off service for reasons of health or safety or in a State or national emergency, notwithstanding certain provisions of law; prohibiting a water utility from shutting off service for certain reasons; prohibiting a water utility from shutting off service on receipt of certain information; and prohibiting the sale of property solely to enforce a lien imposed for unpaid water, sewer, or sanitary system charges, fees, or assessments except in certain circumstances.

### Senate Bill 0905 and House Bill 1035 – Electric Companies, Gas Companies, and the Department of Housing and Community Development – Energy Efficiency and Conservation Plans

Synopsis: Requiring each electric company and gas company and the Department of Housing and Community Development to procure or provide for its customers or certain individuals, beginning September 1, 2023, and every 3 years thereafter, certain energy efficiency, conservation, and greenhouse gas emissions reduction programs and services to encourage and promote the efficient use and conservation of energy in support of certain greenhouse gas emissions reduction goals and targets; etc.

### Senate Bill 0936 and House Bill 0635 – Water Pollution Control – Discharges From Construction Sites – Limits on Liability

Synopsis: Limiting the liability of a certain person for certain discharges from a construction site; and providing that the civil or administrative penalty for discharge from a construction site may not exceed \$5,000 for each violation or \$25,000 total.

### Senate Bill 0970 and House Bill 1292 – Fire Protection and Prevention – Sprinkler Systems – Requirements (Melanie Diaz Sprinklers Save Lives Act)

Synopsis: Requiring certain high-rise buildings to be protected by automatic sprinkler systems beginning January 1, 2033; and requiring high-rise buildings that are not protected by a complete automatic sprinkler system to provide conspicuous notice in any lease agreement indicating that the building is not currently protected by a complete automatic sprinkler system and that the building is required to be protected by a complete automatic sprinkler system on or before January 1, 2023.

**Chris Imhof, PE, CPD**

**Vice President, Legislative**



Julian Chiveral, LEED AP BD+C  
Vice President- Technical

## Technical Report

Greetings, ASPE members!

May has arrived in Baltimore, and with it comes warmer weather, blooming flowers, and a renewed sense of energy as we move closer to summer. It's a great time to get outside, explore the city's many parks and waterfront attractions, and perhaps even take a dip in the Chesapeake Bay if you don't mind the chilly water! If swimming with the crabs isn't your cup of tea, you could instead show your Maryland pride by enjoying a crab cake at our next ASPE meeting. The choice is yours!

But let's not forget the important work we do as plumbing professionals. At our last monthly meeting, we had the pleasure of hearing from Blane Holland, the regional sales manager for QuantumFlo, who gave an informative presentation on booster pumps. We want to extend our thanks to Blane and all of our meeting attendees for making the event a success – and keeping things lively!

Looking ahead, we're excited to announce our next monthly meeting on May 24, where we'll be discussing all changes to the 2021 International Plumbing Code (IPC) and International Fuel Gas Code (IFGC). Our presenter will be our very own Chris Imhof, the Technical Standards Engineering Manager at WSSC. Chris is a seasoned expert in the field of plumbing codes and standards, and we can't wait to hear what he has to say.

This is a great opportunity to stay up-to-date on the latest changes and trends in our industry, so mark your calendars and plan to join us on May 24. As always, we welcome your questions, feedback, and ideas for future meetings. As a reminder, this is our last technical meeting of the season before we take a break for the summer and turn our focus to getting outside and enjoying the upcoming ASPE picnic! Thank you for your continued support of ASPE, and we'll see you soon!

Julian Chiveral, LEED AP BD+C  
Vice President - Technical

# Hey Young Professionals!

REGION 1 AYP PRESENTS:

## Not All Alloys are Created Equal

presented by

**LAUREN BERENATO**



Lauren Berenato is the National Specifications Manager for Jomar Valve. She joined Jomar in February of 2016. Within her role at Jomar, she educates Engineers, designers, contractors, and manufacturer's rep agencies on designing the most efficient systems.

Within ASPE, Lauren serves on the Region 1 Board as the Affiliate Liaison. She is also involved with the American Supply Association's Women in Industry Division where she is the founding member of the Women in Industry Leadership Book Club. Lauren has been published in *Plumbing and Mechanical Magazine* as well as MCAA's magazine.

Lauren has her Bachelor of Science from Lehigh University in Industrial Engineering, her Juris Doctor from DE Law School, and her Master's in Patent Law from the University of Notre Dame.

### WHO

THIS WEBINAR IS OPEN TO ALL REGION 1 ASPE YOUNG PROFESSIONALS

### WHAT

1. VALVE MATERIALS
2. BRASS VS. BRONZE
3. DEZINCIFICATION
4. MATERIALS FOR APPLICATIONS

### WHEN

WEDNESDAY  
JUNE 21, 2023  
12-1PM EST

**REGISTER**

THIS WEBINAR IS FREE TO ASPE MEMBERS.  
A \$5 FEE WILL APPLY TO NON-MEMBERS



Nikita Patel, PE  
AYP Liaison | Education Chair



## Education Report

### ASPE Tech Symposium

The ASPE Tech Symposium Committee has begun planning what is sure to be a great few days for Engineers in WA later this year. The ASPE Education Committee and Board are hard at work reviewing all the submissions to curate the best learning experience possible for you!

#### Who is this event for?

Anyone working in various professions related to plumbing system design:

- Plumbing Engineers/Designers
- Mechanical Engineers/Designers
- Sales Engineer
- Estimator
- Sales Reps.
- Applications Engineer
- Technicians
- Master Plumbers
- Specifiers
- Consultant

#### Technical Sessions

Friday, September 29 // time  
Saturday, September 30 // time  
Sunday, October 1 // time

ASPE's Tech Symposium features professional development sessions designed to help plumbing industry professionals at all career levels learn new skills or refresh their design repertoire. Each session is taught by an expert in the field and offers 0.15 CEUs that can be used for license and certification continuing education requirements.

The complete technical education session schedule will be released in early summer.

#### 2-Day Product Show

Thursday, September 28 // 4:00 p.m. – 8:00 p.m.  
Friday, September 29 // 9:45 a.m. – 1:15 p.m.

The 2023 ASPE Tech Symposium Product Show is a unique chance for you to have one-on-one face time with the manufacturers who make the products you specify. It's an excellent chance to get your product questions answered by the experts and possibly even influence future product designs. Join your peers, grab a drink, and enjoy a bite to eat at this engaging two-day event.

All 2023 ASPE Tech Symposium sponsors will be exhibiting at the Product Show.

For anyone in our WOA sub group who is interested in attending, please be sure to check out the flyer on the next pages for an exciting scholarship opportunity! You can also use [this link](#).

## AYP Report

Registration for our Baltimore AYP event is now closed for Top Golf! We hope to see you this Wednesday, 5/10, for an evening full of fun, food, and networking!

I will no longer be filling the AYP Liaison role for our Baltimore chapter after this technical year, so if you know anyone who is interested in taking this role over, please let me or Chuck know, immediately.



Sponsored by



## Women of ASPE (WOA) 2023 Tech Symposium Scholarship

The Women of ASPE (WOA) is a special interest group of the American Society of Plumbing Engineers. Their mission is to engage, retain and advance women in the plumbing design industry, through education, leadership development and networking opportunities.

WOA has created a scholarship to help 1 deserving female member attend **ASPE's 2023 Tech Symposium in Bellevue, Washington**, to promote the importance of fostering the growth and professional development of women in the field of engineering.

### SCHOLARSHIP AMOUNT

The scholarship will cover expenses up to \$3000, which includes a one-year membership renewal, full registration to the Tech Symposium, any special events, round-trip airfare, hotel accommodations, airport transportation and meals.

Once the recipient has been chosen, the WOA committee will:

- Secure airfare
- Make hotel accommodations
- Register the recipient for the 2023 Tech Symposium

### ELIGIBILITY REQUIREMENTS

- Must be a female either employed in a plumbing related field OR a student currently enrolled in an engineering program.
- Must be a current member of ASPE.
- Must be a current member of WOA.
- **Past WOA Scholarship recipients are not eligible to apply.**

### SCHOLARSHIP PROCESS

The candidate will be required to fill out the application attached in full.

**The deadline to submit the application is May 31, 2023.** The Women of ASPE Committee will review all applications and make their final determination on June 6th. The recipient of the scholarship will be notified on June 12th.

The scholarship packet can be emailed to: Racquel Rodriguez at [rrodriguez@aspe.org](mailto:rrodriguez@aspe.org)

The scholarship recipient is required to attend all WOA events during the Tech Symposium (as applicable), write a narrative on their experience after the event for marketing and social media purposes and pose for an official picture taken by ASPE staff during the event. Narratives will be due within one month after the event.

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For more information on the Women of ASPE, please visit [www.aspe.org](http://www.aspe.org) or contact Racquel Rodriguez at [rrodriguez@aspe.org](mailto:rrodriguez@aspe.org)

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**AMERICAN SOCIETY OF PLUMBING ENGINEERS**  
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Rosemont, IL 60018  
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**Below please select ONLY 3 questions to answer.**

1. How did you first get involved in plumbing engineering and why have you stayed in the profession?

2. What is your favorite new plumbing system design technology/technique?

3. What aspect of the profession are you most passionate about?

4. What are you most looking forward to learning at the 2023 ASPE Tech Symposium?

5. What is the best part about being a member of ASPE and WOA?

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



Brian Crisp, CPD, GPD  
Vice President- Membership

## Membership Report

We're at the close of another ASPE season! But don't fret, we have another ASPE event this summer, in addition to our May meeting on WSSC Code updates. In lieu of our traditional Holiday party in December (that usually included bowling) we're hosting a summer picnic this year at Oregon Ridge Park. Details to follow, but I hope you can make it. I personally challenge every reader of this article to a cornhole match.

Baltimore is up to 133 members thanks in part to the folks below! As I've mentioned in previous articles, this is the largest group I can remember, so a special shout out to those members who have advocated for our Chapter. We appreciate it and couldn't do this whole thing without you all.

Please join me in welcoming these folks to our chapter, perhaps "buying" them a beverage at our upcoming meetings. Some are former members, so welcome back!

Swapnil Patel  
Benjamin Becker  
Mike Fullem  
Benjamin Bacon

If you or anyone you know is interested in joining like the cool people above, or at least hearing about the benefits of membership, please don't hesitate to reach out to me. You can also join directly at <https://www.aspe.org/join>.

If you have feedback for the Chapter to make us better or to better serve you, PLEASE LET US KNOW. Any and all feedback is honestly very appreciated.

Thanks and see you at the meetings!

Brian Crisp, CPD, GPD  
Vice President, Membership  
[bcrisp@jmt.com](mailto:bcrisp@jmt.com)



**BALTIMORE AYP PRESENTS**

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# **TOP GOLF BALTIMORE EVENT**

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**10 MAY 2023**

**1411 Warner St**

**Baltimore, MD 21230**

**6:00-8:00PM**

Join us for two hours of unlimited gameplay at Top Golf in Baltimore. While you're not practicing your aim, sit back and relax with some food and drinks with your peers within ASPE!

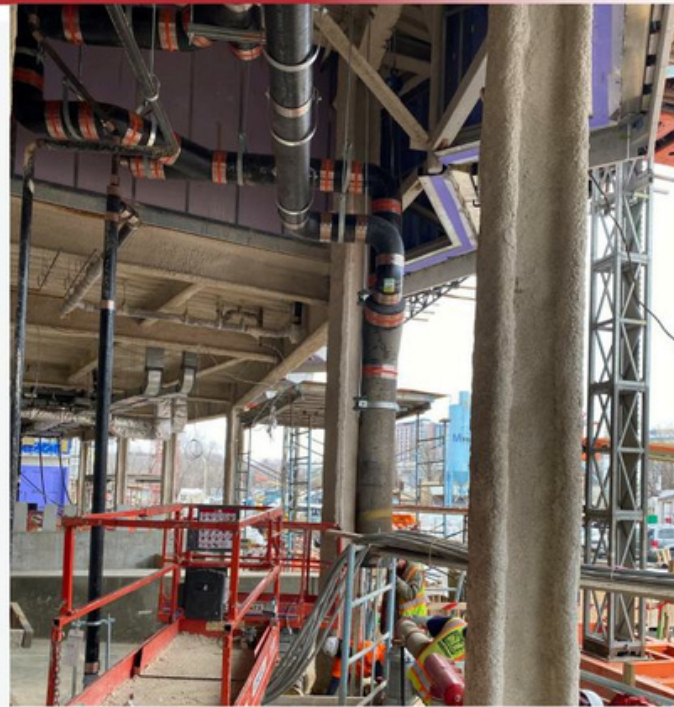
Registration is limited, so please reserve your spot early!



**ASPE  
YOUNG  
PROFESSIONALS**

Visit the link to register!  
[Top Golf Registration](#)

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- ★ .028" thick bands for higher torque
- ★ Wider straps for more band load coverage
- ★ Wider shield for better clamping force
- ★ Made In the USA

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Learn more at [Anaco-Husky.com](http://Anaco-Husky.com).

# A Thinner Shield is Better!

## TRANSPERANCE OF TORQUE

Thicker gauge shield material blocks the torque from getting to the gasket. A thinner shield protects the gasket while allowing a more efficient transfer of torque therefore providing a better seal.

## DEFLECTION

A thinner shield is more forgiving, flexible, and malleable. It bends with the joint allowing the seal to remain strong. A thick shield is rigid and does not form itself over the joint.

## STEPPED JOINTS

The thinner shield allows the shield to conform over the stepped joint providing a more effective seal.



Interested in learning more? Contact Glenn Spilling, National Sales Manager  
gspilling@idealtridon.com | 615-686-7826

Or visit us online at [IdealTridon.com](http://IdealTridon.com)!



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Tried and true cast iron is a sustainable plumbing product. Reach out to schedule your ASPE approved CEU presentation on Environmental Sustainability.

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CELEBRATING THE WAY THE WORLD WASHES

# NEW! Digital Mixing Valve Recirculation Stations



## Key features

- Pre-assembled and tested recirculation system
- Navigator digital mixing valve
- Shutoff valves on inlets and outlets
- Temperature/pressure gauges on inlets
- Outlet setup and air purge connections
- Return line with circulating pump and check valves
- Easy installation and serviceability
- Electrical outlet
- Mounted to enamel-coated strut
- See technical data for available configurations



**The Need:** DHWR systems need to be balanced to ensure that hot water is available throughout a building on every floor, at every fixture, at all times.

**The Problem:** A building typically requires multiple branches off the hot water supply line, and water flows in the path of least resistance which constantly changes in dynamic, open systems. Manual balancing valves and fixed flow devices rely on flow and pressure calculations and cannot respond dynamically to changing needs.

**The Solution:** Install a CircuitSolver® at the end of each branch, downstream of the last fixture, and the system balances itself.

**How it Works:** The thermal actuator at the heart of the CircuitSolver® modulates the valve between open and closed in response to changing water temperature. This continuous response to temperature variation enables each hot water branch to quickly and consistently direct hot water flow to where it is needed – No manual balancing required.

**Note:** The valve never fully closes, allowing a small amount of bypass flow to the return to avoid deadheading the recirculation pump.

### CircuitSolver® Placement Do's and Don'ts

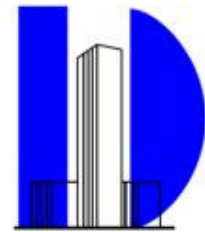
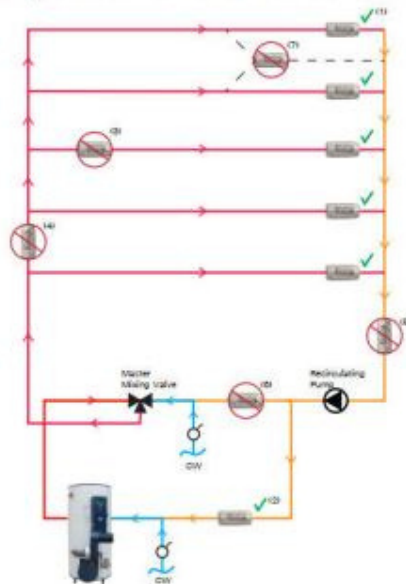
- (1) ✓ at the end of each branch/riser
- (2) ✓ in the return line back to the water heater
- (3) ✗ not in the middle of a branch/riser
- (4) ✗ not in a supply line
- (5) ✗ not in the return line
- (6) ✗ not after the recirculating pump
- (7) ✗ don't combine 2 branches/ risers

### Valve Selection

**Size:** Select the size equivalent to the branch/riser feeding the return line.

**Temperature:** Select the set-point temperature equal to the desired return temperature.

**Example:** A standard CircuitSolver® installed on a 3/4" branch/riser with a 120°F return temperature would be CS-3/4-120.



**E. J. Dwyer Co.**  
Since 1970

## CircuitSolver® (CS)



## CircuitSolver® Union Assembly (CSUA)



## CircuitSolver® Union Strainer Assembly (CSUAS)



**And many more!**



# POWERS INNOVATIONS

**DIGITAL MIXING SOLUTIONS ENABLE THE SAFE, EFFICIENT DELIVERY OF HOT WATER IN COMMERCIAL AND INSTITUTIONAL FACILITIES. BOTH PRODUCTS HAVE THE SAME FUNCTIONALITY BUT AT DIFFERENT FLOW CAPACITIES AND HELP TO PREVENT SCALDING WHILE SAVING ENERGY.**



## INTELLISTATION®

The IntelliStation®, with its large-capacity valves, is designed for use in hospitals, universities, and large hotels. The digital water mixing and recirculation solution can be integrated into a building automation system (BAS) to allow facilities managers to remotely monitor and control water temperatures. Help mitigate Legionella and other waterborne pathogens with the high-temperature sanitization mode. Key capabilities include a digital temperature regulation within  $\pm 2^{\circ}\text{F}$  to ASSE 1017, even during low and zero demand periods, and is field configurable without the need for a laptop or special software.



## INTELLISTATION® JR

IntelliStation® Jr. provides safe hot water consistently and on-demand for smaller applications than IntelliStation. It is also ASSE 1017 compliant, available in 3/4" through 2" sizes, and has a programmable temperature set-back/scheduling program that lowers water temperature when the building is unoccupied. Register the Jr. with the Watts OnSite mobile or web app for remote temperature control, monitoring, and visibility across locations and sublocations.

***Scan the QR Code below to access the Selexit Configuration Tool.***





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# DURAGUARD® PRODUCT LINE



Public health and safety are a common concern. Targeted for commercial applications, Bemis has a comprehensive offering of seats with DuraGuard® Antimicrobial Built-In Seat Protection™ and STAY·TITE™.

## WHAT IS DURAGUARD?

DuraGuard is an antimicrobial property built into the toilet seat to inhibit the growth of bacteria. The active ingredient in DuraGuard is zinc pyrithione, a non-VOC (volatile organic compound), broad-spectrum, highly effective antimicrobial agent used to control mold, mildew, yeasts, fungi, algae, gram positive and negative bacteria. DuraGuard does not protect users or others against bacteria, viruses, germs, or other disease-causing organisms.

## WHAT IS STAY·TITE?

STAY·TITE Seat Fastening System™ anchors the toilet seat to the bowl by using a patented bolt design with a finned bushing and glass-filled nylon nut, eliminating the need to retighten the seat to the bowl after installation.

**CONTACT YOUR REP FOR  
ADDITIONAL INFORMATION**

OFFICE



HOSPITALITY



SCHOOLS



HEALTHCARE



# Schedule of Events

<u>DATE</u>	<u>TOPIC</u>	<u>PRESENTER</u>
<b>SEPTEMBER 9</b>	Enhance Revit Design to Increase Design Efficiency	Microdesk - Boston Chapter
<b>SEPTEMBER 15</b>	Industry Night on the Terrace	MCA
<b>SEPTEMBER 28</b>	Lab Gas Design Using the NIH DRM	Sherman Engineering - Nikita Patel
<b>OCTOBER 26</b>	Commercial Water Softening & RO Systems	Canature Water Group
<b>NOVEMBER 14</b>	Valve Material Applications	Jomar - Lauren Berenato
<b>DECEMBER 14</b>	Natural Gas Design	OmegaFlex
<b>JANUARY 25</b>	VPMIA Code Review	Amtron
<b>FEBRUARY 19-25</b>	Engineer's Week	-
<b>FEBRUARY 22</b>	Sprinkler Design	UMD - Ken Isman
<b>MARCH 22</b>	Fire Pumps	STH
<b>APRIL 6</b>	Joint ASPE/UA486 Event	-
<b>APRIL 26</b>	Booster Pumps	QuantumFlo
<b>APRIL 28</b>	Annual Golf Outing	-
<b>MAY 24</b>	WSSC Code Update	WSSC - Chris Imhof
<b>JULY 29</b>	Summer Holiday Party	-

MONTHLY  
SPONSORSHIP  
OPPORTUNITIES

**Tabletop Presentations:** \$100 to provide a tabletop presentation of equipment or material relative to the plumbing profession. The tabletops will be set up from the beginning to the end of the monthly meeting and provides the opportunity to provide a brief (under 5 minutes) presentation.

*Please make checks payable to the Baltimore Chapter of ASPE. Contact Kathy Dwyer or Chuck Swope if interested*