



Photo by Avery Skees

The Monthly Newsletter of ASPE HAMPTON ROADS



The Latest From Hampton Roads

HAMPTON ROADS CHAPTER:

Minimizing dead legs and recirculation temperature maintenance for

MEETING TOPIC: Legionella management

PRESENTED BY: Jay Otto

WHEN: Thursday Nov 9th

WHERE: Clark Nexsen: 4525 Main St, Suite 1400
Virginia Beach, VA 23462

COST: \$20.00

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- filtration systems, and more

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MESSAGE FROM THE PRESIDENT

Shane Miller

Octobers Meeting went very well Cindy Lau was here to do a presentation on Flue Gas Vent Materials and Standards (Centrotherm). We don't have a lot of news to announce this month, but I would like to try to get some tabletops for the upcoming meetings. So if you are interested in having a tabletop at a meeting please reach out to Lisa Sprague, Lsprague@clarknexsen.com or (757) 961 7862. I would also like to mention that we have a new member this month and would like to welcome Andrew Bergeron from Pace Collaborative to the Chapter.

VICE PRESIDENT TECHNICAL

Ghassan Abu Sultanah

NEXT MONTHS TOPIC: Legionella and Pathogen Control

PRESENTED BY: JC Underwood

WHEN: Thursday: Dec 14th

WHERE: Clark Nexsen: 4525 Main St, Suite 1400
Virginia Beach, VA 23462

Contact me or any of the board members if you have a topic you would like to learn about or if you have a topic of interest to present.

We are looking for speakers for this years meetings. All months are currently open except for Sept, Oct & Nov. The Nov meeting is an ASPE, ASHRAE & VSHE meeting that will be held in the evening. So please contact me at ghassan.abusultanah@clarknexsen.com or call me at (757) 961-7752 or reach out to Lsprague@clarknexsen.com (757) 961-7862. if you have a presentation you would like to do.

We would like to grow our meeting attendance and make things easier for our members to have as much access to the Chapter as possible. So, we would like to offer a virtual meeting to our members who have offices outside the Virginia Beach Area or find it tough to drive to Town Center for a meeting. Please just let Lisa Sprague know if you would like to attend the virtual option.

Kemper Multi-Therm® thermostatic balancing valves have been trusted for over 25 years. Packed with unique and innovative features, these compact thermostatic balancing valves offer unparalleled ingenuity, dependability, and trustworthiness.

Thermal Disinfection

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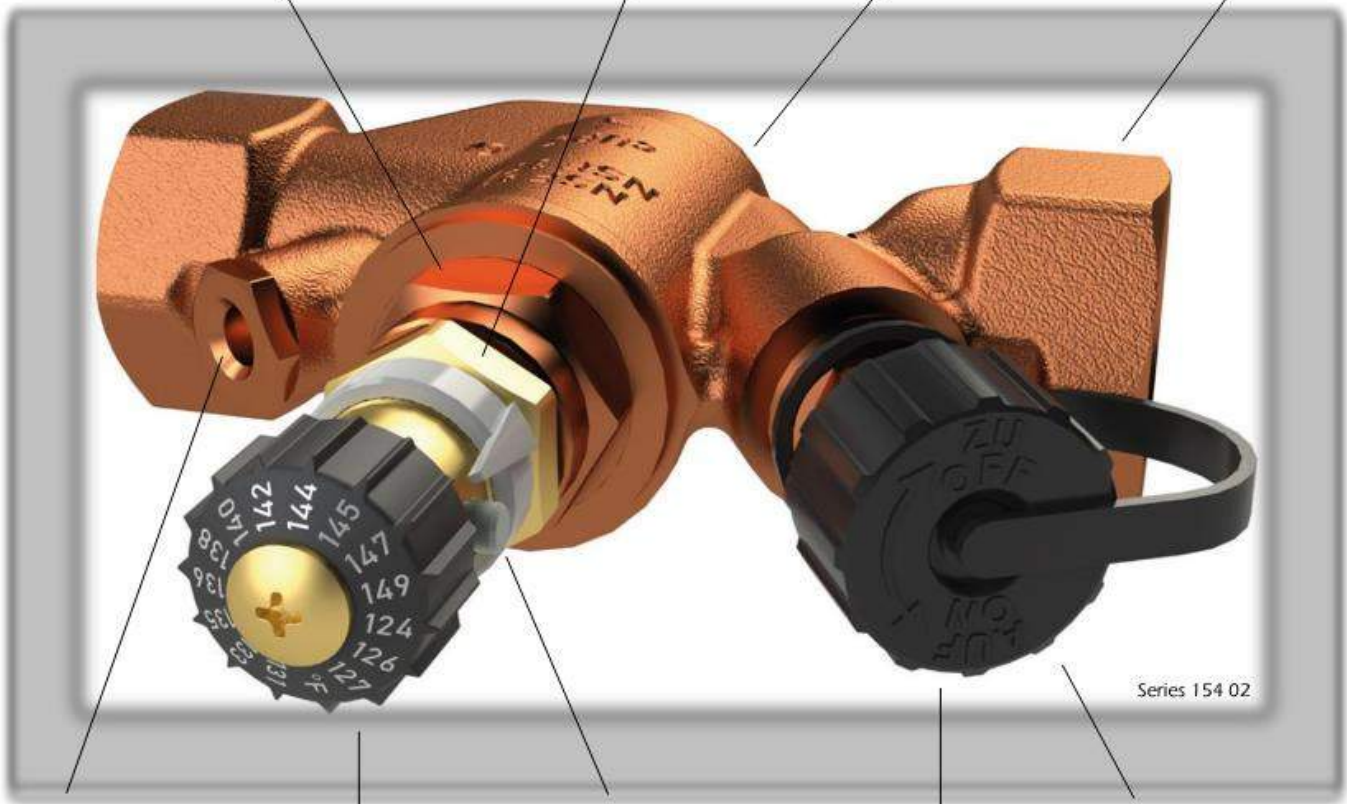
Replaceable or serviceable while valve body remains connected to piping.

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This feature stops the flow of water through the valve.

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NOV NEW MEMBERS

Douglas Bellows
Scott Gregg

NOV MEMBERS

Kenneth Holloway
Matthew Kovarek
Ryan Schalk



Thank you to each and every member who encouraged a colleague to join the Hampton Roads ASPE Chapter this year. We had some growth and I am excited to continue and build on that growth in the 2022-2023 season! Be on the lookout for membership drive events in the Fall!

We want to create this incentive to continue our growth in the Chapter. For every member that joins the chapter, they will receive a Hampton Roads Polo shirt. The catch to receiving the shirt is coming to a chapter meeting to pick it up. You also must be a member of the Hampton Roads Chapter to receive the shirt NOT just an ASPE member.



Photo by Clark Nexsen



EVERY SYSTEM



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Simple and intuitive user commissioning and setup	•	•	•	•
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Automatic hot/cold water shutoff upon cold/hot water inlet supply failure	•	•	•	•
Valve controls at time of no use: 0.0 GPM*	•	•	•	•
Single valves available in 1" to 3" valve outlet sizes	•	•	•	•
Manifold assemblies available in up to 6" valve outlet sizes	•	•	•	•
Enhanced controller with programmable disinfection mode		•	•	•
Three additional temperature probes (inlet hot, inlet cold, return temp.)		+	+	•
Five relay contacts that switch on during alarm states		+	+	+
Remote alerts to assist Maintenance and Service Personnel		+	+	+
Loss of power alert		+	+	+
Broken temperature probe alert		+	+	+
"Out of range" temperature alert (± 10 °F)		+	+	+
Motor connectivity and operation alert		+	+	+
Service required @90% full shuttle movement alert		+	+	+
Enhanced controller with BACnet MS/TP connection			•	•
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**BEECO-2022
BACKFLOW PREVENTERS
AND ACCESSORIES
(LIT-071)**



**NH-2022-06
NO HUB COUPLINGS
(LIT-044)**



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TRENCH DRAINS
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SHOWER DRAINS
(LIT-077)**



**TDSS-2023
STAINLESS STEEL
TRENCH DRAINS
(LIT-072)**



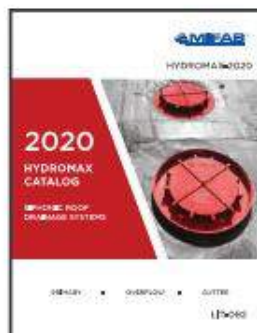
**ROOFGUARD-2020
ROOFGUARD ROOF
DOMES
(LIT-058)**



**C-PORT-2023
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(LIT-047)**



**DB-2022
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**INT-2023
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NEUTRALIZATION TANKS
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**TSP-2022-08
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ADVERTISE WITH YOUR LOCAL CHAPTER

A SPECIAL THANK YOU TO EVERYONE WHO HAS PLACED ADS THIS SEASON.

NEWSLETTER AND WEBPAGE ADVERTISEMENT COSTS

FULL PAGE NEWSLETTER (PER SEASON)

ASPE MEMBER \$375.00

NON-ASPE MEMBER \$450.00

HALF PAGE NEWSLETTER (PER SEASON)

ASPE MEMBER \$275.00

NON-ASPE MEMBER \$350.00

BUSINESS CARD NEWSLETTER (PER SEASON)

ASPE MEMBER \$75.00

NON-ASPE MEMBER \$150.00

TABLETOP COSTS

TABLETOPS - PER MEETING

ASPE MEMBER \$80.00

NON-ASPE MEMBER \$100.00

TABLETOPS - YEARLY (SEPT THRU MAY)

ASPE MEMBER \$450.00

NON-ASPE MEMBER \$550.00



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WHAT IS A Plumbing Engineer?

PLUMBING ENGINEERS are a vital part of design/build construction teams for residential, commercial, and industrial facilities. They interact with other construction trades to provide building owners with efficient, functional, and sustainable plumbing systems that protect the health, welfare, and safety of the public and prevent environmental contamination.

WHAT DO PLUMBING ENGINEERS DO?

PLUMBING ENGINEERS use the principles of fluid flow along with engineering calculations to design plumbing systems that transport fluids and gases throughout buildings. Those systems include:

$$S = \frac{rpm\sqrt{Q}}{NPSH^{0.75}}$$

$\times 2.31 - h_f$ $L_v + \frac{(P_n - V)}{\text{Specific gravity}}$



Domestic water systems



Wastewater



Fuel gas



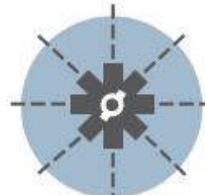
Medical gas & vacuum



Compressed air



High-purity water



Fire suppression



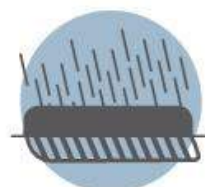
Chemical waste



Rain & stormwater systems



Venting



Site & building drainage



Water efficiency

WHAT DOES THE PROFESSION ENTAIL?

"The old adage that 'anyone can do plumbing' does not hold water anymore. A diversified and accomplished plumbing engineer is a valuable commodity in the design/build market."



PLUMBING ENGINEERS are highly skilled individuals involved in many different aspects of the design/build process, including:

PLUMBING SYSTEM DESIGN	COMMISSIONING
PROJECT MANAGEMENT	CODE & STANDARD EXPERTISE
CONSTRUCTION ADMINISTRATION	FORENSIC & SUBSURFACE SYSTEM EVALUATION
BUILDING INFORMATION MODELING (REVIT)	COST ESTIMATION
PRODUCT & SYSTEM SPECIFICATION	PROBLEM SOLVING

PROTECTING PEOPLE & THE ENVIRONMENT

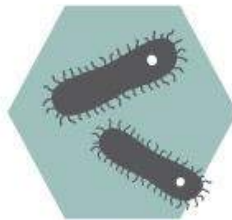
PLUMBING ENGINEERS help eliminate many of the threats that sicken people and harm the environment on a global scale by:



Delivering safe drinking water & sanitation systems



Combating groundwater contamination & depletion

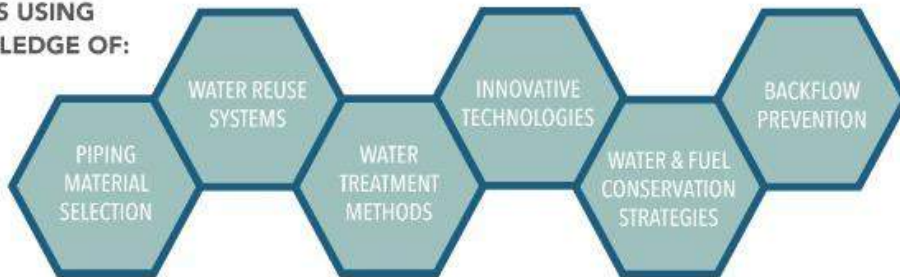


Preventing waterborne diseases



"Through their designs, plumbing engineers affect every life."

THEY DO THIS USING THEIR KNOWLEDGE OF:



HOW TO LEARN MORE

The American Society of Plumbing Engineers (ASPE) is the only association dedicated to promoting the plumbing engineering profession and helping plumbing engineers advance in their careers. Our members have a wealth of knowledge and experience and are ready to help others learn more about the industry.



To discover ASPE and find local contacts, visit:

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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 inned bushing and glass-illed nylon nut, eliminating the need to retighten the seat to the bowl after installation.

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TALK AROUND THE WATER COOLER

Check-out these sites for interesting and educational topics & tools so you can stay in 'the know'!



ASPE PIPELINE

Some recent excerpts:

A Look at ASPE's Professional Engineer Working Group

The ultimate goal of the Society's initiative is the establishment of a verifiable measure of competency for the discipline of plumbing.

The American Society of Plumbing Engineers (ASPE) has established the Professional Engineer Working Group (PEWG) to develop a program for the placement of a Plumbing option within the framework of the Mechanical Engineering Principles and Practice (MEPP) examination as developed by the National Council of Examiners for Engineering and Surveying (NCEES) and administered by the various State and Territorial Boards of Registration for Engineers and Surveyors.....[More](#)

October 2023 From the President's Keyboard: Thank You, 2023 Tech Symposium Participants!

I just returned from my trip to Bellevue, Washington for the 2023 ASPE Tech Symposium. Well, maybe not exactly just—we did take some time to see that part of the country. Now that I am back, it means time to catch up on everything: emails, phone calls, and voice messages. Among those emails was one announcing the October 5, 2023 issue of ASPE Pipeline. One item jumped out at me. In the Affiliate Corner of that newsletter, the first headline reads, "Thank You, American Society of Plumbing Engineers." Reading further, "Willoughby Industries would like to thank ASPE for another amazing event—the 2023 Tech Symposium in Washington!"...[More](#)

October 2023 New Society Members

Please help us welcome the following plumbing industry professionals who recently joined ASPE or affiliated with a new Chapter. If you are interested in becoming part of our great organization as well, visit [ASPE.org](https://www.aspe.org) to join today!.....[More](#)



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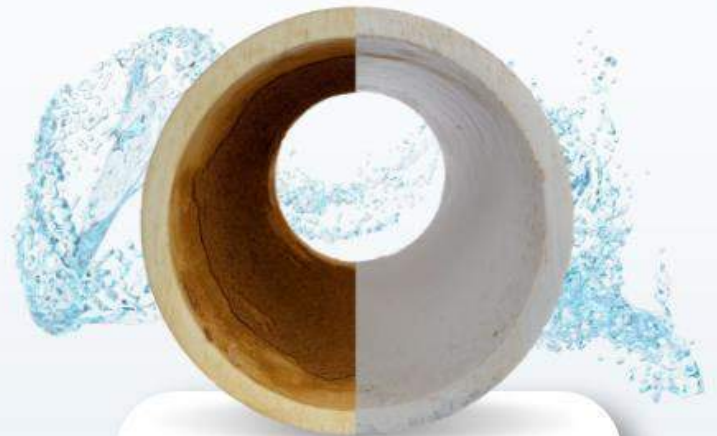
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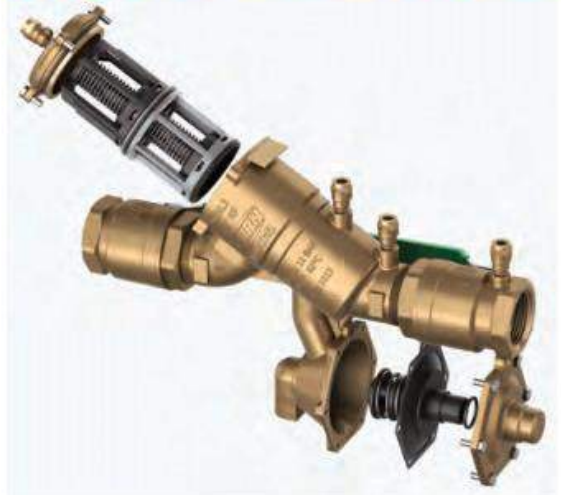


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Ryan Schalk

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<https://www.aspe.org/pipeline/category/education-opportunities/>

Stay Ahead This Heating Season with Coffee with Caleffi

The Ask Caleffi Team is back to the head of the class to discuss heating season tips and tricks during the [next Coffee with Caleffi™ webinar](#) on Thursday, October 26 at 12:00 p.m. CDT. This contractor-focused conversation will cover the methods to keep systems running at peak conditions when the heat is on.

Joining the Ask Caleffi panel is guest speaker Matt Lebow with Green Point Plumbing (Somerset, Mass.) to share his pragmatic field insights. Lebow is a third-generation master plumber licensed through the state of Massachusetts to perform high-quality plumbing work to residential and commercial properties in the Somerset and Bristol County area and has been providing top-notch plumbing services for more than 10 years....[More](#)

Watts to Host ASPE-Accredited Webinar on Industrial Pipe Solutions

Watts has announced “Industrial Pipe Solutions: The Science Behind Making the Right Choice,” an ASPE-accredited webinar worth 0.1 CEUs, on Tuesday, November 14, 2023 from noon to 1 p.m. EST.

Many types of industrial facilities have specific drainage requirements for sanitation, contamination, chemical resistance, temperature, mechanical stress, and fire safety. The right choice of drainage materials, methods, and attention to proper engineering practices can help mitigate contamination and corrosion that can affect drainage systems while providing installation and operational benefits.....[More](#)