



Photo by Avery Skees

*The Monthly Newsletter of ASPE HAMPTON ROADS*



*The Latest From  
Hampton Roads*

## HAMPTON ROADS CHAPTER:

**MEETING TOPIC:** Restroom of the Future

**PRESENTED BY:** Michelle Stilley

**WHEN:** Thursday May 11th

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

**COST:** \$20.00



### INSIDE THIS ISSUE:

Message from the President	PG 2
Vice President Technical	PG 2
Vice President Membership	PG 6
AYP Liaison	PG 8
Vice President Legislative	PG 10
WOA	PG 12
Affiliates Corner	PG 14
Advertise with ASPE Hampton Roads	PG 16
What is a ASPE Connect	PG 18
ASPE Get Connected	PG 20
ASPE Mentoring Program	PG 22
Talk Around the Water Cooler	PG 23
Education Station	PG 24

## BOARD OF DIRECTORS:

President:  
Shane Miller - WSP  
Michael.Miller@wsp.com

Vice President Technical:  
Ghassan Abu Sultanah - Clark Nexsen  
Gassan.AbuSultanah@clarknexsen.com

Vice President Membership:  
Joey Adams - Otto Sales  
jadams@ottosales.com

Vice President Legislative:  
Marc Bedois - EYP  
M.Bedois@yahoo.com

Treasurer:  
Administrative Secretary:  
Newsletter Editor:  
Web Administrator:  
Lisa Sprague - Clark Nexsen  
Lsprague@clarknexsen.com

Chapter Affiliate Liaison / Resource  
Enhancement Chairperson:  
Pat McNally - Mason & Hanger  
pat.mcnally@masonandhanger.com

# MESSAGE FROM THE PRESIDENT

*Shane Miller*

Once again, we had a good turnout for our April meeting. It was our second joint meeting with ASHRAE. Chris Bove did a great job on his presentation and as always it is nice to see Miguel Ochoa in the house, Our First annual golf outing looks to be shaping up and will be on May 19th of this year. We have 12 teams for the outing. I would like to thank all of the sponsors and participants. I am sure it will be a fun day for all I am looking forward seeing everyone there. I am also putting a t-shirt order together. However, I would like to put a plumbing saying on the back of the shirt. So, to make it interesting I am turning it into a contest. The person to come up with the slogan or a logo for the back of the shirt will get a prize plus the t-shirt for free. I would like the slogan or logo to be clean seeing how we are representing ASPE. So please email me your suggestions at Lsprague@clarknexsen.com. We are still looking for Tabletops, Presenters, and Newsletter /Website sponsors for next year. Please see our advertising page for updated pricing. So please reach out to Lisa Sprague if you would like to be a part of any of these. Lsprague@clarknexsen.com (757) 961-7862. We have a new addition to our Chapter Will Hummel and would like to welcome back an old friend and member to the Chapter Rick O' Berry. We have Chapter elections coming up for the Board. So if you want to be a part of the Board toss your name in the hat for one of our Board positions. At election time all board positions are open to all members. Voting will take place in June so please if you want to be a board member just an email to Lisa Sprague at Lsprague@clarknexsen.com or reach out to one of the other board members.

## VICE PRESIDENT TECHNICAL

*Ghassan Abu Sultanah*

**NEXT MONTHS TOPIC:** Custom built skidding/trap primers/ booster pump stations/ fuel oil pump sets/ or High efficiency Commercial copper & stainless steel boilers

**PRESENTED BY:** JC Underwood

**WHEN:** Thursday: June 8th

**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. However, attending the virtual meetings you will receive an ASPE T-shirt. You must attend 8 of 10 of the meetings to be eligible. It is easier to attend virtual meetings than the in person ones. Also to attend the virtual meeting there is a catch you must be a **ASPE HAMPTON ROADS MEMBER**.

Friday May 19th 2023

# Hampton Roads ASPE Golf Outing



## Riverfront Golf Club

5200 River Club Drive  
Suffolk, Virginia 23435  
(757) 484-2200  
[riverfrontgolf.com](http://riverfrontgolf.com)

Friday, May 19th 2023

\$340 per team of 4  
\$85 per individual

Registration: 11:15 AM

Tee off: 12:30 PM

Awards: 5:30 PM

Enjoy 18 holes of golf including cart, lunch, drinks on the course, and much more!

### ALSO:

- Putting contest
- 2 longest drive awards

### DON'T FORGET:

- Awesome Raffle Prizes
- 50/50 Cash Raffle
- Sponsorship Opportunities!

## 1st Annual GOLF OUTING FUNDRAISER



The Hampton Roads ASPE Chapter is organizing its first annual golf tournament to raise funds for our chapter. It will be held on Friday, May 19th 2023 at Riverfront Golf Club at 11:15 a.m. and we invite all of you to join us for a day of fun.

We hope the outing will become a tradition for the Chapter and that the proceeds allow us to continue funding the chapter activities. Our first annual event is open to all members, vendors, reps and manufacturers to spend time together for socializing and networking. Please consider participating or providing sponsorship of a hole, beverage cart, etc.

The beautiful Riverfront Golf Club is located minutes from Downtown Norfolk, Newport News, Portsmouth, Chesapeake and Hampton. This course is sure to deliver an unforgettable experience for both the novice and the advanced golfer.



# **Hampton Roads ASPE CHAPTER 2023 GOLF OUTING REGISTRATION FORM**

**DATE:** Friday May 19th 2023

**TIME:** Registration at 11:15 AM.

**PLACE:** Riverfront Golf Club  
5200 River Club Drive  
Suffolk, Virginia 23435  
(757) 484-2200

**ENTRY FEE:** **\$340.00** (includes green fees, cart, lunch, and drinks on course for 4 players)

**\$85.00** (includes green fees, cart, lunch, and drinks on course for 1 player)

**\$25.00** (lunch only)

**Payment due April 14 2023**

**Format:** Tournament will be played Captain's Choice with 4-person teams.

**Rules:** Rule sheets will be posted in each cart and will be reviewed by the Pro on outing day.

## **TEAM/INDIVIDUAL ENTRY FORM:**

TEAM NAME: \_\_\_\_\_

PLAYER  
NAME(S): \_\_\_\_\_

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

### **Mail Form and Check to:**

(checks payable to ASPE Hampton Roads Chapter)  
Clark Nexsen  
c/o Lisa Sprague  
4525 Main Street Suite 1400  
Virginia Beach, VA 23462  
email: lsprague@clarknexsen.com  
cc email: jadams@ottosales.com

## **SPONSORSHIP FORM:**

Level specific sponsorship benefits are explained below.  
Sponsor are responsible for their own signage.

### **LIST SPONSORSHIPS HERE:**

**A. HOLE AND TEAM SPONSOR\*** (\$500) ***GREAT VALUE!***

**B. HOLE SPONSOR** (\$200)

**C. BEVERAGE CART SPONSOR** (\$250)

**D. LUNCH SPONSOR** (\$350)

**E. DRIVING RANGE SPONSOR** (\$200)

**F. PUTTING CONTEST SPONSOR** (\$200)

**G. Toilet Repair Kits** (\$10 per player)

Sponsor and Level (A-G)      Donation

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_

Subtotal \_\_\_\_\_

Team/Individual fee (\$340/\$85 if not included in sponsorship) \_\_\_\_\_

Lunch only (\$25 per person) \_\_\_\_\_

**GRAND TOTAL due by April 14, 2023** \_\_\_\_\_

"Toilet Repair Kits" include 2-Mulligans (which can be used on any shot, not on the green), 1-Tee Buster (Men may drive from the Ladies Tee on any hole, except for the longest drive or closest-to-pin holes; Ladies & Juniors may use as a Mulligan from any Tee, except for the longest drive or closest-to-pin holes), 1-Throw (under or over hand, can be used for any shot, does not count as a stroke) & 3 feet of string (to be used on the green. If your birdie putt is 3 feet short, use the 3 feet of string and the birdie counts. If your birdie putt is 3 inches short, cut 3 inches from your string and the birdie counts, and then you still have 2 feet 9 inches of



**Viega, LLC**

## Lunch & Learn sessions, project support, specification review

Learn more about the advantage of Viega's innovative piping systems. MegaPress®, MegaPress Stainless, MegaPress CuNi, SeaPress and ProPress® systems are suitable for virtually any type of project. Consider any of Viega's products for new or retrofit construction.

In addition to comprehensive product assistance, our sales force offers more to make your project successful. Benefits offered at no charge include general or specialized training, product demonstrations and Lunch & Learn sessions.

- More than 1,300 press fitting choices in multiple materials including copper, stainless, carbon steel and PEX
- Most press connections are secure and finished in seven seconds or less
- Save 60-90% on installation time as compared to other traditional pipe joining methods
- More approved applications than any other press fitting system
- System-matched tools and jaws provide a consistent connection every time



**For Lunch & Learns or more information, contact:**

Mike McCarthy | Technical Manager  
[Mike.McCarthy@Viega.us](mailto:Mike.McCarthy@Viega.us), (571) 328-1143

Based in the Northern Virginia D.C. Metro area, Mike formerly worked for a fire protection manufacturer and was a volunteer firefighter. Mike holds a Business Degree with a specialization in entrepreneurship and brings strategic business planning to the Viega team.

**viega**

# VICE PRESIDENT MEMBERSHIP

*Joey Adams*

## MAY NEW MEMBERS

Rick O' Berry  
Will Hummel

## MAY MEMBERS

Dimori Rodriguez  
Jason Haigh  
Joey Adams  
Michael Pearce  
Miguel Ochoa  
Patrick McNally



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!

To continue our growth in the Chapter we would like to create this incentive. For every member that you get to join the Chapter you will earn a prize. For instance 1-2 members gets you an ASPE HR tumbler 3-4 gets you the tumbler and a HR t-shirt and for 5 or more you get the tumbler, HR T-shirt & padded folio. So please start getting your co-workers to sign up for the Chapter



Photo by Clark Nexsen



Ultra-reliable water heaters  
built with AquaPLEX durability



AquaPLEX®  
Engineered Duplex Alloy



800.784.8326 | pvi.com

Engineered, pre-assembled  
water heating, water quality  
and heat pump solutions



Lync®  
by WATTS

817.335.9531 | lyncbywatts.com



1432 Front Ave | Lutherville, MD 21093  
410-825-6616 | bayassociates.com | Eric@Bayassociates.com

# Longevity, efficiency and reliability

Hubbell cement lined tanks last 2 to 3 times  
longer than glass-lined tanks providing  
a lower lifetime cost of ownership.

Ask about our heat pump water heaters,  
the PBX and OMNI.



Contact our representative, Eric Geisendaffer  
at Bay Associates to learn more!  
eric@bayassociates.com



## AYP LIAISON

*Jacob Otto*

---

**ASPE  
YOUNG  
PROFESSIONALS®**

**ASPE AYP is always looking to grow our 35 and younger engineer network!**

**Please join us this season in support of your local ASPE Chapter as well as AYP for exciting and educational topics**

**ASPE  
YOUNG  
PROFESSIONALS®**

**We would love to hear what sort of topics would interest you?  
What meeting format is most beneficial to get the most out of  
it? We want to hear from you!**

Jacob Otto

(804)822-0435

[jacobotto@ottosales.com](mailto:jacobotto@ottosales.com)

# ASPE Design Guide Volume 4 Chapter 4

“The goal of the designer should be for the system to operate with as little energy as possible for a given demand.”

“At no time is a booster at 100 percent flow based on Hunter’s diversity curves”

“When selecting the total flow capacity, one preferred way to evaluate the operational efficiency is to use a method that can be scientifically proven, such as the 70 percent method.”

“Tanks will typically be required when the manufacturer does not utilize low flow testing algorithms to detect low flow”

“New energy standards concede that reducing the speed of a pump during most of its operational time and restarting for makeup loads is more efficient than using tanks as “water storage batteries” during low-flow conditions.”

\*\* The above is taken from American Society of Plumbing Engineers design guide volume 4 chapter 4\*\*

Thank You for your support!



## Your Trusted Partners

Please contact us for in person or virtual lunch & learn [jayotto@ottosales.com](mailto:jayotto@ottosales.com) 804-798-2600

QuantumFlo is an ASPE Accredited CEU provider

QuantumFlo received the 2020 ASPE Industry Award

# VICE PRESIDENT LEGISLATIVE

*Marc Bedois*

## CODES & STANDARDS

### [National BIM Standard-US Version 4 Opens for Public Comment](#)

The National Institute of Building Sciences, Building Information Management (BIM) Council, partners, industry experts, and members have been working hard to complete the core modules of the next version of the National BIM Standard-United States.....[More](#)

### [IAPMO Publishes 2024 Editions of Uniform Plumbing Code \(UPC\), Uniform Mechanical Code \(UMC\)](#)

The International Association of Plumbing and Mechanical Officials (IAPMO®) has published the 2024 editions of the Uniform Plumbing Code® (UPC) and Uniform Mechanical Code® (UMC) in both hardcopy and electronic versions, completing a three-year consensus development cycle accredited by the American National Standards Institute (ANSI).....[More](#)

### [IAPMO Seeks UPC Adult Changing Station Task Group Members](#)

The International Association of Plumbing and Mechanical Officials (IAPMO) is accepting applications and seeking technical experts to participate on a task group to address adult changing station requirements toward the [development of the 2027 Uniform Plumbing Code \(UPC\)](#). The scope of the Adult Changing Station Task Group is to address concerns and establish health and safety requirements, including:

- Design and minimum equipment requirements
- Minimum fixture requirements
- Hygiene and sanitation
- Further development of the provisions from the 2024 UPC Item #097














The task group recommendations will be forwarded to the UPCTechnical Committee for consideration in the development of the 2027 edition of the UPC.....[More](#)

### [ASHRAE Publishes First Zero Net Energy and Zero Net Carbon Building Evaluation Standard](#)

ASHRAE has released a new standard to measure zero net carbon and energy goals in buildings.

[ANSI/ASHRAE Standard 228-2023: Standard Method of Evaluating Zero Net Energy and Zero Net Carbon Building Performance](#) sets requirements for evaluating whether a building or group of buildings meets a definition of “zero net energy” or a definition of “zero net carbon” during building operation. The standard draws from ASHRAE Standard 105, among others, to address energy and carbon flows across a site boundary, their measurement, and their balance.....[More](#)

# Manufacturers represented by RMI

	Advance Products and Systems <a href="http://www.apsonline.com">www.apsonline.com</a>		Homestead <a href="http://www.homesteadvalve.com">www.homesteadvalve.com</a>
	AquaShield <a href="http://www.aquashieldenclosures.com">www.aquashieldenclosures.com</a>		Jones Stephens <a href="http://www.jonesstephens.com">www.jonesstephens.com</a>
	BK Resources <a href="http://www.bk-resources.com">www.bk-resources.com</a>		Niagara <a href="http://www.niagaracorp.com">www.niagaracorp.com</a>
	Blue Angel Pumps <a href="http://www.blueangelpumps.com">www.blueangelpumps.com</a>		Normandy Products <a href="http://www.normandyproducts.com">www.normandyproducts.com</a>
	Pipe & Foundry <a href="http://www.charlottepipe.com">www.charlottepipe.com</a>		Santec <a href="http://www.santecfaucet.com">www.santecfaucet.com</a>
	General Wire <a href="http://www.drainbrain.com">www.drainbrain.com</a>		JC Whitlam <a href="http://www.icwhitlam.com">www.icwhitlam.com</a>
	Bathware <a href="http://www.hamiltonbathware.com">www.hamiltonbathware.com</a> Swan <a href="http://www.swanstone.com">www.swanstone.com</a> IMI <a href="http://www.imitoday.com">www.imitoday.com</a>		Zurn Spec Drain, Wilkins, Commercial Brass, PEX <a href="http://www.zurn.com">www.zurn.com</a> Just Mfg <a href="http://www.justmfg.com">www.justmfg.com</a>

**Richmond Office / Warehouse**  
2533 Mechanicsville Turnpike  
Richmond, VA 23223  
Phone: (804) 643-7355  
Fax: (804) 643-7380  
**General Email:**  
[rmisales@rmisales.com](mailto:rmisales@rmisales.com)

**Website:**  
[www.rmisales.com](http://www.rmisales.com)

**Northern Virginia Warehouse**  
4750 Eisenhower Ave, Suite 2  
Alexandria, VA 22304



*Slim & Trim!* → 

**INTRODUCING THE H<sub>2</sub>O TO GO! INDOOR BOTTLE FILLER!**

- Stainless Steel
- Custom Colors
- Custom Branding





**H<sub>2</sub>O to go!™**  
INDOOR BOTTLE FILLER

**A DESIGN AS REFRESHING AS THE WATER IT SERVES.**

**murdock**  
SINCE 1853

BF12-BCD WITH A171  
(Shown with optional Bottle Counter Display=BCD)

# Women of ASPE®



Sponsored by



## Women of ASPE®

Dedicated to **engaging**, **retaining**,  
and **advancing** women in the plumbing  
design industry through:

- Mentoring programs
- Membership outreach
- Partnerships with industry-related associations
- Educational and leadership offerings

To join WOA, email [rrodriguez@aspe.org](mailto:rrodriguez@aspe.org)  
For more information, visit [aspe.org](http://aspe.org)





# WILLOUGHBY

COUNT ON US.

## PRODUCTS OF UNCOMMON QUALITY

Security			
Behavioral			
Park & Rec.			

Specify Willoughby:



AUTODESK  
REVIT

Product  
MasterSpec

Proudly represented by:

Otto Sales  
P.O. Box 6005  
Ashland, VA 23005  
804-798-2600  
www.ottosales.com



# AFFILIATES CORNER

Pat McNally

I would like to welcome you all back to the in house meetings and let you all know we are offering our tabletops once again. So please reach out to Lisa Sprague to reserve your tabletops.

## Cyclone XL Water Heaters Keep Guests Comfortable at Nashville-Area Hampton Inn

Located in Ashland City, Tennessee—just 30 minutes from downtown Nashville—a new four-story Hampton Inn welcomes travelers from around the globe. Opened to the public on March 3, 2022, the hotel has had consistent occupancy thanks to its proximity to Music City.

During planning and construction, hotel general manager Sammy Naquin knew he needed a dependable water heating solution to help provide a continuous supply of hot water for the 75-room hotel, which also includes a kitchen and industrial laundry facilities....[More](#)

## Uponor North America Names Anna Picchetti as VP, Marketing & Strategy

Uponor North America has announced Anna Picchetti as the new Vice President of Marketing & Strategy, effective May 8, 2023. In her role, Anna will oversee Channel Marketing, Portfolio, Analytics, Sustainability, Segment, Engagement, Brand, and Communications. She will report to Uponor North America President [Andres Caballero](#) and be a key member of the company's Senior Management Committee.

Anna Picchetti joins Uponor with 20 years of experience in marketing and operations across industrial, technology, and medical device industries. She brings a wealth of experience developing forward-thinking strategies with a strong track record of execution at industry-leading brands such as Tennant, SPS Commerce, and Honeywell. She has worked at the forefront of innovations like autonomous vehicles and renewable energy, managed high-growth SaaS products and positioning, and transformed customer experiences....[More](#)

## Learn How to Get Rid of Hydrogen Sulfide: The “Rotten Eggs in My Water”

Do you dread turning on the hot water in your shower or sink? Does the smell of rotten eggs take over your house as soon as the water runs? Chances are, you are dealing with hydrogen sulfide.

Hydrogen sulfide is a poisonous gas that is formed by sulfur-reducing anaerobic bacteria. These bacteria feed on organics in groundwater, and trace elements of iron and magnesium can catalyze their growth and development. While the gas is rarely in high enough concentration to be a danger, it is certainly unpleasant. It can also damage your pipes, as it renders water slightly acidic, leading to corrosion in copper, lead, and steel piping. It can even ruin the ion-exchange media in water softeners.....[more](#)

## Watts Deploys AquaBlock Emergency Water System in Turkey through PWF

On February 6, 2023, a 7.8-magnitude earthquake devastated large areas in Turkey and Syria, causing a significant number of deaths and displacing hundreds of thousands of refugees who desperately need access to water, food, and shelter.

To support those impacted by the natural disaster, Watts generously donated a [Planet Water Foundation AquaBlock Emergency Water System](#), which provides clean, safe drinking water in the wake of emergencies and natural disasters.

The system, which was placed at a relocation area where people impacted by the earthquake are currently living, offers a lifeline to impacted communities by creating access to a turnkey emergency water supply system housed in a lockable, vandal-resistant, aluminum container. To ensure the safety of users, there is a four-stage water purification process to turn surface- and groundwater into clean, potable water....[More](#)

## Kohler Broadens High-End Bathroom Portfolio with Acquisition of Kast Concrete Basins

Kohler continues to grow its global leadership in the design, innovation, and manufacture of kitchen and bath products with the acquisition of U.K.-based Kast Concrete Basins, a boutique designer and manufacturer of contemporary concrete basins and sinks. Kast specializes in bathroom basins within the premium market and is a design-led brand known for its bold colors.....[More](#)



# SLOAN'S LATEST INNOVATIONS



## Gravity Toilet

The NEW toilet from Sloan features Centriflo technology that delivers a more powerful flush. The sleek bowl design without rim holes provides a surge of water that makes a vigorous water cyclone that clears and cleans the bowl with every flush. Available in 1.1gpf, 1.28gpf, and 1.6gpf for ultra-high efficiency options. The 17" elongated rim is ADA-compliant, making it ideal for a wide range of applications. Get all the features of a one-piece look with the benefits of a two-piece toilet!



## Optimix Faucet

Bring market-leading anti-scald technology to any facility with the new line of Optimix faucets that are ASSE-1070 compliant! This faucet offers the industry's fastest, most effective anti-scald technology incorporated directly into the faucet spout, providing a safe water temperature for new or retrofit projects. The water is mixed as it passes through the spout of the faucet and can be set to the desired temperature to get comfortable, safe water every time.



## Bluetooth Connected Products

Wirelessly monitor the health and status of your fixtures with Sloan's newest line of connected products. Easily generate and share diagnostic reports, quickly access product technical data, and simplify tracking through Bluetooth technology. Stay in control with the Sloan Connect App to adjust and configure the connected faucets and flushometers, all from a smartphone device. Existing fixtures can easily be updated with the Bluetooth Adapter, available for qualifying fixtures.

# 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)

BUY 2 ADS AND GET THE 3RD ONE FREE

ASPE MEMBER \$350.00

NON-ASPE MEMBER \$400.00

HALF PAGE NEWSLETTER (PER SEASON)

BUY 2 ADS AND GET THE 3RD ONE FREE

ASPE MEMBER \$250.00

NON-ASPE MEMBER \$300.00

## TABLETOP COSTS

TABLETOPS - PER MEETING

ASPE MEMBER \$120.00

NON-ASPE MEMBER \$140.00

TABLETOPS - YEARLY (SEPT THRU JUNE)

ASPE MEMBER \$600.00

NON-ASPE MEMBER \$700.00

Advertising

Thank You!

# ADVERTISING

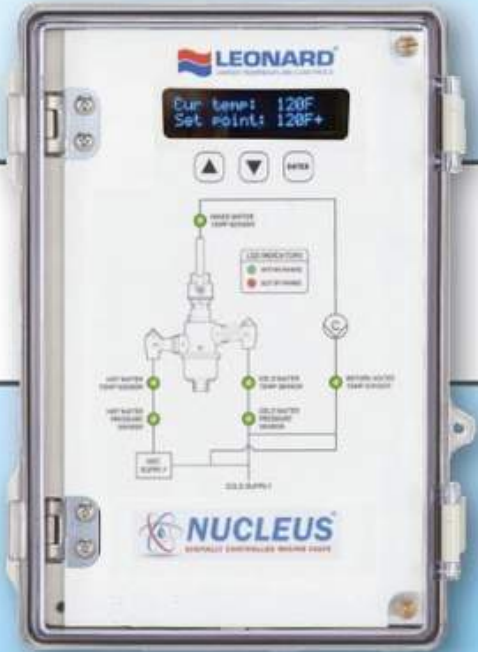


# Water Temperature Control Revolutionized



## VIRTUAL STATUS CHECKS!

In these trying times when your staff is low, there is peace of mind with **Leonard's Self Diagnostic Digital Mixing Valves** – check from anywhere!



- ASSE 1017 Listed
- Easy Setup
- +/- 2 F Temperature Accuracy
- Daily Self Cleaning
- Self Balancing
- Disinfection Mode
- Six Standard Protocol Languages



NSF 372 COMPLIANT  
Made in the USA with domestic and imported parts



Mixing safety and performance...  
For over 100 years.

Proudly represented by:  
Otto Sales  
804-798-2600



A network of grey person icons connected by thin lines, set against a dark background.

# What Is ASPE CONNECT?

A network of grey person icons connected by thin lines, set against a dark background.

## HOW CAN YOU CONNECT?

[connect.aspe.org](https://connect.aspe.org)

A collection of colorful question marks in various colors (blue, green, purple, yellow) scattered across a grey background.

*Got a plumbing  
design question?*

[connect.aspe.org](https://connect.aspe.org)



## THE FEATURES YOU NEED. A BRAND YOU CAN TRUST.

Whether you work in a hospital, manufacturing facility, office park or school, T&S has a plumbing product made specifically for you, with the features you need to do your job right.

With robust, sturdy and proven-reliable construction, you'll find that T&S is a brand you can trust.

So the next time you're looking for the right plumbing product, consider one from the manufacturer with a 70-year history: T&S Brass.



RELIABILITY BUILT IN™



# Have you checked out ASPE Connect yet?

*It's one of ASPE's greatest member benefits!*

Our online community, ASPE Connect, is an invaluable resource to help you get expert advice and new insights on your design, career advancement, and product questions. And it's available only to ASPE members!

*It's like having a brainstorming session with the world plumbing community.*

- Paula Leatherman, CPD, FASPE

## How to Get Started

1. Visit [connect.aspe.org](http://connect.aspe.org)



2. **Sign in.** Your ASPE Connect login information is the same as your login for ASPE.org and ASPE Education. Once you are signed into one site, you are signed into all of them.



3. **Build your profile.** Help your fellow ASPE members get to know you by including a headshot, bio, education, and career history.



4. **Go to the Open Forum** and browse the discussions to add your thoughts to an ongoing conversation or start a new discussion.

Get Connected Today! [connect.aspe.org](http://connect.aspe.org)

# Maintenance Advantage®

Water Cooler by Murdock Manufacturing

## Less is More.

Easy Maintenance + Fewer Parts = MORE SAVINGS!

- **Less Time:** Routine maintenance takes 2 minutes.
- **Less Maintenance:** Access water shut off, cartridge, and filter from the front without removing the shroud!
- **Less Expense:** Fewer parts to repair and less expensive parts.
- **Less Work:** Universal rough-in will match existing footprints for easy retrofit.
- **Water Shut Off:** Patented Auto Stop.
- **Premium Features at a Value Price.**
- Available with Bottle Filler

Barrier-Free, Wall Mount  
Water Cooler with H2O  
to go!® Deck Mount  
Sensor Activated  
Bottle Filler  
A171408F-BF12-BCD



*Designed with Ease of  
Maintenance in Mind!*

**murdock**  
SINCE 1853

**MURDOCK MANUFACTURING**  
Member of Morris Group International

P.O. Box 3527 • City of Industry, CA 91744-0527 U.S.A • Tel 800.453.7465  
[www.murdockmfg.com](http://www.murdockmfg.com)

  
**MORRIS GROUP**  
INTERNATIONAL  
[www.morrisgroup.ca](http://www.morrisgroup.ca)

**MidAtlantic**  
**REPSOUTH**

**Bubba Rose**

[bubba.rose@midatlanticrepsouth.com](mailto:bubba.rose@midatlanticrepsouth.com)

(804) 550-0025 Office

(804) 550-0074 Fax

(804) 837-3832 Cell

10261 Sycamore Drive, Ashland, VA 23005

[www.midatlanticrepsouth.com](http://www.midatlanticrepsouth.com)

# ASPE Mentoring Program



## ASPE Mentoring Program

Connecting **ASPE members** who have a particular skill set with others who want to acquire the same skills to achieve their personal and professional goals.

Become a mentor or mentee today!

To learn more, visit  
[connect.aspe.org](http://connect.aspe.org)



# 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:*

### *May 2023 From the President's Keyboard: Show-Your-Appreciation-for-Affiliates Month*

*Let me apologize in advance if I come off as having some attitude this month. The NFL Draft just concluded, and somehow my phone did not ring once through all seven rounds. When Bryce Young went No. 1 to Carolina, I was encouraged. He is not the prototypical size for the NFL, so I thought maybe one GM would take a shot on a smaller, slightly slower, slightly older wide receiver. I thought my 40 time was respectable at 6.41—heck, Bryce Young didn't even run a 40 at the Combine. According to my agent, Billy Smith, word of my recent knee surgery may have scared off some teams. (Note to self: I am going to suggest to Billy that he stick to his day job as ASPE's Executive Director/CEO.) I suppose there's always a chance of getting signed as an undrafted free agent. Now that's what I call "fantasy football." ...[More](#)*

### *May 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](#)*

### *April 2023 Lessons in Firestop: How to Firestop Metal Pipes at an Angle*

*How often do things work exactly like you plan them? I don't know about you, but I think the larger part of my life has gone contrary to my plan—but that's not necessarily a bad thing. It doesn't mean that I made bad plans. It's just that in life, we often have to do things a bit differently than we may have thought.*

*Construction is not much different. If you think about the last few projects you've worked on, did you have any pipes running at an angle? If you did, did you properly firestop them? If you have the right conditions, this may not be an issue at all. However, if you have the wrong conditions, you could be facing a really expensive solution...or a liability because you didn't do things right. This article will help.....[More](#)*

# EDUCATION STATION

---

*If you are looking to earn the required CEU's and/or enhance your skills and knowledge then this is the site for you! Once you've landed on Educational Program & Tools page, simply point & click to gain access to a variety of ways to accomplish your goals.*

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

## Learn How to Troubleshoot DHW Recirculation at the May 2023 Coffee with Caleffi

It is of utmost importance to understand how to effectively apply mixing and balancing technology to optimize hot water delivery times, energy efficiency, water conservation, and safety in domestic hot water (DHW) systems. On May 18 at noon CDT, Cody Mack and Kevin Freidt will reveal common symptoms found in problematic DHW recirculation systems and how to effectively resolve these issues. The seasoned duo will recap strategies they have shared with engineers and installers over the years, which led to a positive result for the occupants.

You'll learn:

- What to do if a mixing valve is not controlling the temperature consistently
- How to size a [digital mixing valve](#) when replacing a thermostatic mixing valve
- How to rectify DHW recirculation temperature fluctuations
- How energy codes can impact your DHW recirculation systems
- Addressing long wait times in multi-family projects
- What to do in applications with multiple pressure zones

Cody has nearly 20 years of experience as installation contractor, service technician, application engineer, product manager, and national training manager for Caleffi.....[More](#)

## More Than 100 Technical Sessions Scheduled for 2023 ASHRAE Annual Conference in Tampa

The [technical program](#) for the [2023 ASHRAE Annual Conference](#), taking place June 24–28 in Tampa, is now available online and in the [ASHRAE 365](#) app.

The conference includes more than 100 sessions within seven conference tracks on a full range of built environment topics, including urgency of addressing the climate crisis, measures to reduce human impact on the natural environment, and strategies for making the built environment more resilient and sustainable. In-person and virtual attendees will have access to all sessions in the program (and PDHs) through June 2024.....[More](#)