

Chapters are not authorized to speak for the Society, the views and opinions of this Chapter are those of the respective authors and do not necessarily reflect the official policy or position of the Society or its staff.



INSIDE THIS ISSUE:

Greetings from the President
Page 2

Technical
Page 3

Membership
Page 4

Industry Ads
Pages 5-18

News
Page 19

Education
Page 20

April 2025



TOPIC: PREPARING FOR THE FUTURE OF CODE COMPLIANCE: HIGHLIGHTS OF MAJOR CODE CHANGES FROM NFPA 99 2012 TO 2024 EDIT.

PRESENTER: TROY MONTEITH - MEDITRAC

HOSTED BY: THE JOYCE AGENCY

**WHEN: WED., APRIL 9th
11:45 am - 1:30 pm**

**WHERE: THE CULTURAL ARTS CENTER AT GLEN ALLEN
Dogwood Salon
2880 Mountain Rd, Glen Allen, VA 23060**

VIA ZOOM MEETING @ <https://moseleyarch.zoom.us/j/83922360996>
(highlight web address then right click & select Go To...)

BOARD OF DIRECTORS:

President

Joshua H. Landis - Moseley Architects
jlandis@moseleyarchitects.com

Vice President Technical

Vice President Legislative

Istvan Godri Martis - WSP
istvan.godri-martis@wsp.com

Vice President Membership

Robert V. Grubbs - Mason and Hanger
robert.grubbs@masonandhanger.com

Treasurer

Joshua H. Landis - Moseley Architects
jlandis@moseleyarchitects.com

Administrative Secretary

Jay Otto – Otto Sales
jayotto@ottosales.com

Corresponding Secretary

Robbie Shearon - Baskervill
rshearon@baskervill.com

Newsletter Editor

Cydney Johnstone – The Joyce Agency
cydney@thejoyceagency.com

Chapter Affiliate Liaison / Resource Enhancement Chairperson

Education Committee Chairperson

Tina M. Capece – Dept. of State-West OBO

ASPE Young Professionals Chapter Liaison

Eric Geisendaffer - Bay Associates
eric@bayassociates.com

GREETINGS FROM THE PRESIDENT

President's Message...

Happy early Easter and thank you to everyone that was able to make it out to the March meeting. The flowers are blooming and the pollen is flying. The Great Yellowing of VA has begun. Please try and attend our meeting in-person if you can as it definitely makes for a better event and we pay for the meeting space either way.

*As a reminder, we also have a joint **SFPE meeting** scheduled on **April 28th**, which will be a dinner meeting at SFPE's location. See schedule on next page for additional information.*

Please be sure to sign-up for the meeting using the Signup Genius link, as we are using that to keep track of how many people will be attending for catering purposes.

<https://www.signupgenius.com/go/70a044fada822a3fd0-lunch#/>

*I look forward to seeing everyone **Wednesday, April 9th** at the Glen Allen Cultural Arts Center - **Dogwood Salon**. The virtual zoom meeting invitation is shown on page 1. If you did not receive the Outlook email invitation for the season meetings please let me know so we can get it out to you. It acts as a good reminder for when the meetings are coming up and has virtual link information included for those that can't attend in person.*

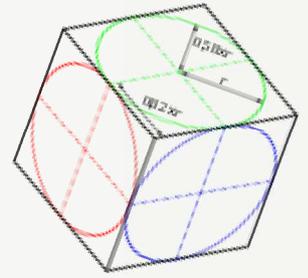
As always, if you have any questions, comments or concerns, please do not hesitate to reach out to me or anyone on the board.



**JOSHUA H. LANDIS, CPD
PRESIDENT, ASPE RICHMOND CHAPTER**

TECHNICAL SCHEDULE

Presentation Lineup



- **April 28, 2025**
 - Joint SFPE & ASPE Richmond meeting being held at O'Toole's (Forest Hill Ave location)
 - Lithium-Ion Batteries & Parking Structures by Viking Supply Net
- **May 8, 2025**
 - Brian Calotta - Uponor
 - Integrating PEX Into Plumbing Design Using ASPE Best Practices
- **JUNE - AUGUST**
 - BREAK

VP MEMBERSHIP - ROB GRUBBS

It's never too late to join ASPE! The monthly meetings are just one of the advantages to becoming a member. Current members, please encourage your colleagues to attend our monthly meetings and consider joining the ASPE family. Visit <https://www.aspe.org/join> for more information.



WELCOME NEW MEMBERS!

Nick Williams - CMTA
Christopher White - Duhart

**Please encourage your friends and colleagues to
join our ASPE family!**

LET'S CELEBRATE!



BIRTHDAYS

Tina Capece	4/12
Joseph Dunleavy	4/17
Charles Radford	4/22
Eric Geisendaffer	4/22
Eric Scott	4/23
Brian Blalock	4/28

ASPE-VERSARIES

Rob Grubbs	4/10/2000
John Cutright	4/20/2014



TO LEARN MORE CONTACT
 Eric Geisendaffer: Bay Associates
 ERIC@BAYASSOCIATES.COM

OMNI PBX

A fully integrated, energy efficient heat pump water heater. Available in 50, 65, 80 & 119 gallon capacities.



Air or water source heat pump

Fully configurable heat pump system with 120-5000 gallon storage capacity and fully programmable controller



PLC Controller



Recirc/backup heater



Cement lined storage tank

OMNI HHP



Experience Ease of Installation, Integration, and Control with Lawler's Fully Electronic Mixing Valve, Neptune!

Neptune EMX Electronic Mixing Valve

- Accurate control of domestic hot water in all flow conditions
- Simple 3 button interface
- High temperature alarm
- Two valve installation in parallel with one controller
- ModBus and BACnet™ communication standard
- Rugged lead-free stainless-steel valves
- ASSE 1017 and NSF 372 listed



NEPTUNE

Neptune EMX Electronic Mixing Valve Manifold Systems for Recirculation

- Plug-and-play
- Pre-assembled / tested
- Standard and custom designs

Contact your local rep, Eric Geisendaffer at Bay Associates (Eric@Bayassociates.com), or visit www.temperedwater.com to learn more.



INDUSTRY ADS

Aegis® Eco-Friendly CO₂ Heat Pump Water Heaters



The Cleaner
Way to Heat

 **Lync**[®]
by **WATTS**

817.335.9531 | lynccbywatts.com/aegis



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

Ultra-reliable Electric and Gas-Fired Water Heaters



Industry's Best
Warranties

AquaPLEX[®]
Engineered Duplex Alloy

 **PVI**[®]
A **WATTS** Brand

800.784.8326 | pvi.com



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



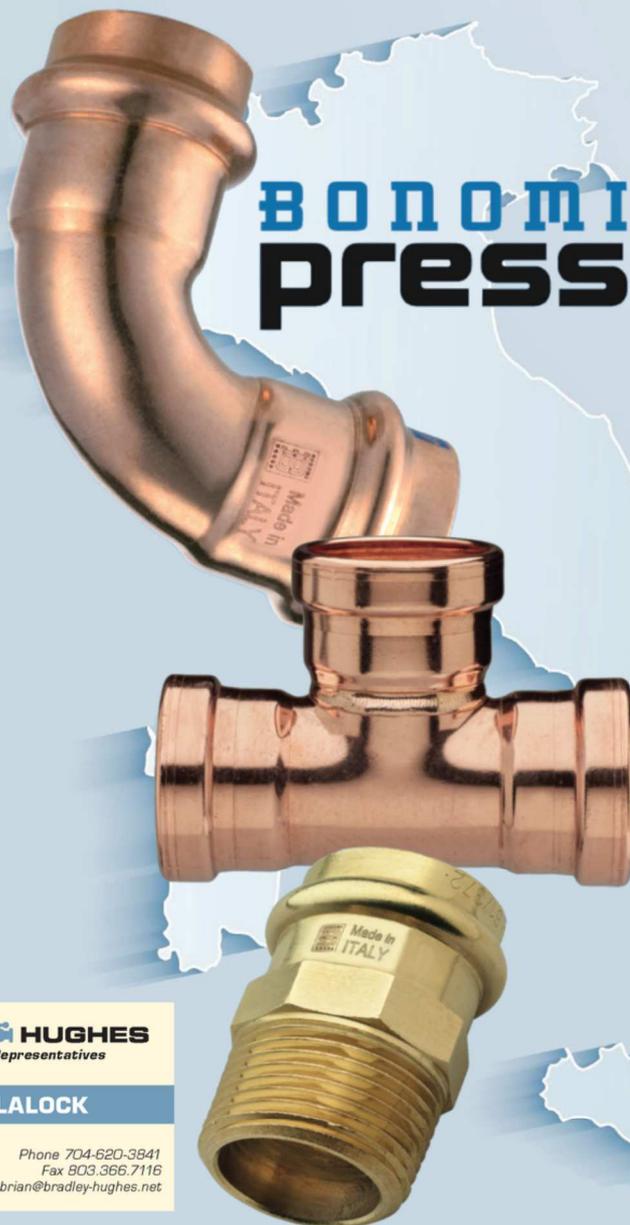
Increase your productivity

*design your next project
with the KITZ extensive
BIM e-catalog*

BRADLEY  HUGHES

Manufacturer's Representatives
www.bradley-hughes.net

bim.kitzus-kca.com
800-772-0073



Introducing Bonomi Press™:
high-quality European-made
copper and lead-free brass
press fittings for commercial
plumbing

Don't settle for inferior Far East imports. Choose BONOMI PRESS™ fittings, 100% manufactured by the Bonomi Group in Italy from high-purity copper and lead-free brass for joining copper pipe.

Ideal for drinking water applications, they meet NSF/ANSI/CAN 61 requirements and are certified lead-free under NSF/ANSI/CAN 372. They are also used in heating and cooling, low pressure steam, non-potable water, ethanol, compressed air, vacuum and more.

All BONOMI PRESS fittings feature a unique leak prevention system which allows any unpressed fitting to be detected during installation, avoiding time-consuming repairs.

Get the highest quality and the strongest liability protection available with BONOMI PRESS. Contact Bonomi North America today for more information.



BRADLEY  HUGHES
Manufacturer's Representatives

BRIAN BLALOCK

741 East Willet Ct. Phone 704-620-3841
Corolla, NC 27927 Fax 803.366.7116
www.bradley-hughes.net brian@bradley-hughes.net

BONOMI
NORTH AMERICA

704-412-9031 • www.bonominorthamerica.com

INDUSTRY ADS



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

CYDNEY JOHNSTONE

The Joyce Agency

Cell: 804-240-8014

Email: cydney@thejoyceagency.com

OFFICE



HOSPITALITY



SCHOOLS



HEALTHCARE





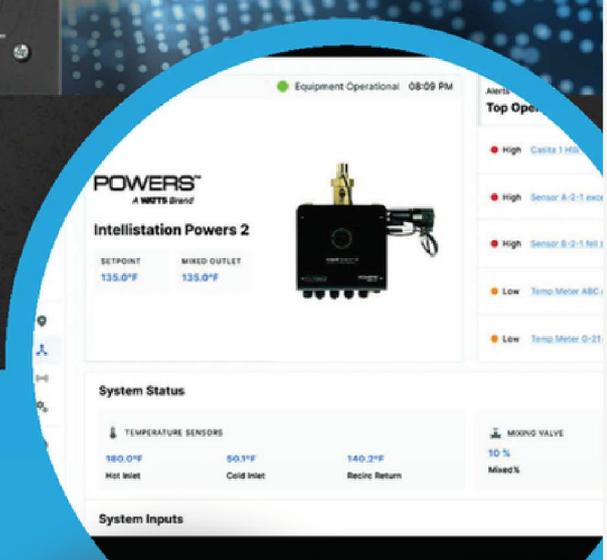
THE NEXT GENERATION OF DIGITAL MIXING

Temper Water. Not Expectations.

Key Features:

- Improved temperature control with Globe Valve Design
- Sensor package options to fit any application
- Improved touchscreen with screen swipes
- Full temperature monitoring and pressure/flow rate monitoring options

IntelliStation 2 performance data can be viewed from anywhere and tracked over time for trends that can help optimize your system and anticipate issues. This next generation mixing valve can be monitored and controlled remotely via Nexa or your BMS, and doesn't require factory preprogramming, a laptop, or special software when commissioning or making or adjustments.



nexaplatform.com

POWERS[™]
A WATTS Brand



powercontrols.com

The
JOYCE
AGENCY

Interested in learning more?

Contact Cydney Johnstone of The Joyce Agency
804-240-8014 | cydney@thejoyceagency.com

HOW DIRTY IS YOUR HOT WATER SYSTEM?



Make your hot water system more durable and energy-efficient by removing and preventing scale build up with Armstrong Nanobubble Generators.
Save up to 35% on energy and maintenance costs.

- ✓ Improved Heat Transfer
- ✓ Lower Maintenance Costs
- ✓ Extended Equipment Life
- ✓ System Cleaning & Repair
- ✓ Increased Production
- ✓ Reduced Chemical Use

See the results for yourself and start saving today!

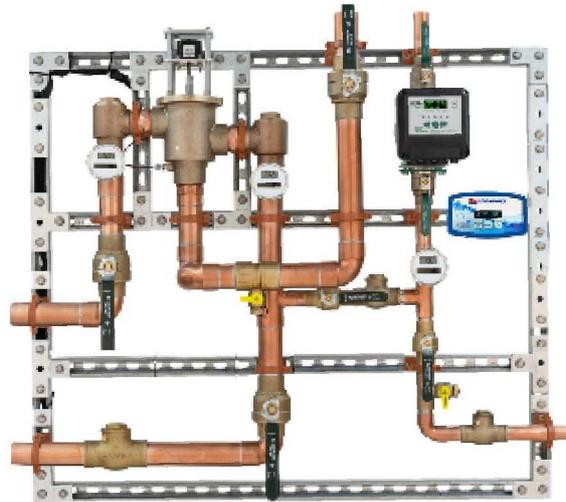


A MEMBER OF THE KENDALL GROUP

Questions? Contact Us:
800-362-4994
sales@merloenergy.com



Complete Mixing Valve Solutions



www.ottosales.com

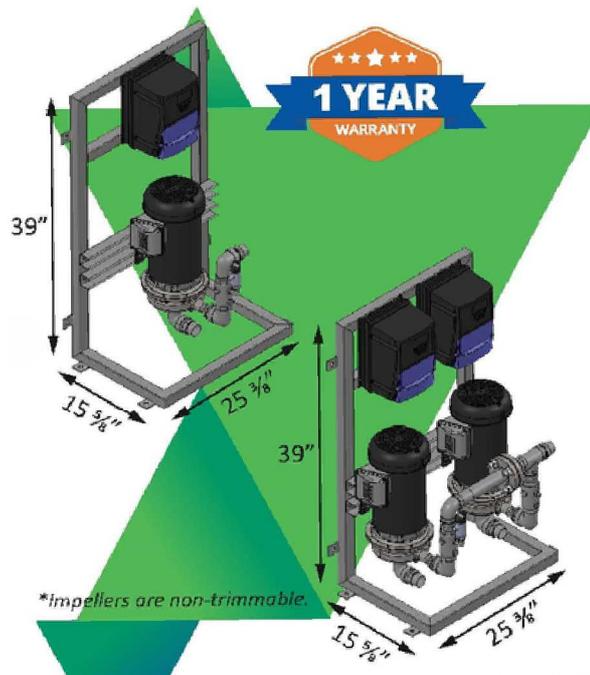
P.O. Box 6005
Ashland, VA 23005
804.798.2600

When You Need a Micro Boost, Insist on a MicroFlo



MicroFlo Series Out of the Box High Efficiency Compact Booster.

The MicroFlo Series is a highly compact, 1 or 2 pump booster for LOW FLOW -- LOW BOOST applications. Buildings that are only a couple stories, have lower water movement needs, or small footprints. The MicroFlo is designed specifically for these smaller appli-



www.ottosales.com

P.O. Box 6005
Ashland, VA 23005
804.798.2600



P.O. Box 6005
Ashland, VA 23005
(804) 798-2600



**MPB-2022-USA
SPECIFICATION
DRAINAGE
(LIT-067)**



**CLPB-2022
LIGHT COMMERCIAL
PRODUCTS
(LIT-048)**



**AD-2022-USA
ACCESS DOORS
(LIT-043)**



**BEECO-2022
BACKFLOW PREVENTERS
AND ACCESSORIES
(LIT-071)**



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



**TGPC-2023
POLYMER CONCRETE
TRENCH DRAINS
(LIT-076)**



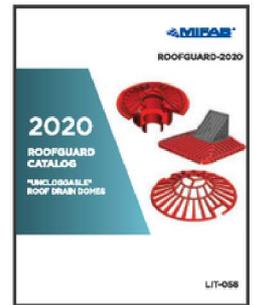
**TD-2023
GRP & STEEL
TRENCH DRAINS
(LIT-046)**



**TSDS-2023
SHOWER DRAINS
(LIT-077)**



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



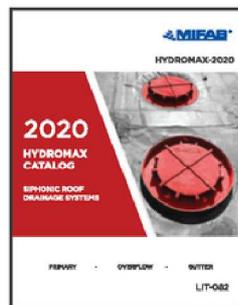
**ROOFGUARD-2020
ROOFGUARD ROOF
DOMES
(LIT-058)**



**C-PORT-2023
ROOFTOP RUBBER
PIPE SUPPORTS
(LIT-047)**



**DB-2022
DIALYSIS BOXES
(LIT-070)**



**HYDROMAX-2020
SIPHONIC DRAINAGE
(LIT-062)**



**INT-2023
INTERCEPTORS & ACID
NEUTRALIZATION TANKS
(LIT-095)**



**TSP-2022-08
TRAP SEAL
PRIMERS
(LIT-062)**





WILLOUGHBY

COUNT ON US.



Family-owned and -operated since opening in 1947, Our fixtures and water management systems are Willoughby-tough and purpose-built for their environment! From sinks and lavatories to ligature-resistant plumbing fixtures for behavioral health facilities, we can help with fixtures for the most extreme environments.



www.ottosales.com

P.O. Box 6005
Ashland, VA 23005
804.798.2600

INDUSTRY ADS



Richmond VA
2533 Mechanicsville Tpke

Phone
804-643-7355

Alexandria VA
4750 Eisenhower Ave

Email
rmisales@rmisales.com



ZURN ELKAY

WATER SOLUTIONS



900XL3 Backflow

- Shortest lay length in its class
- Top test ports
- EZSwap check valves

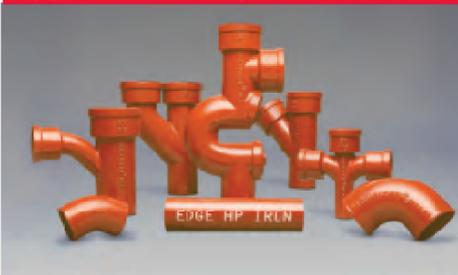


Z100F Floforce

- Parabolic Body Design
- Updated Dome Design
- Redesigned Gravel Guard

CHARLOTTE PIPE AND FOUNDRY COMPANY

Charlotte Pipe® Edge HP Iron® for Aggressive DWV Applications



NIAGARA



Industry Leading
15-Year Warranty



Designed with Quality Parts:
Fluid master® 400% Fill Valve



Powerful, Vacuum-Assist
Stealth Technology®



Exceptional Performance

- Line Carry
- MaP Score
- WaterSense® Certified



Factory Assembled,
Designed to Install with
Speed in 10 Minutes or Under



Extra-Large Footprint,
Great for Renovations



BALL VALVES



BALANCING VALVES



GATES, CHECKS, STRAINERS

INDUSTRY ADS



8235 Hermitage Rd, Henrico, VA 23228
 Main Office Phone # 804-672-8885
 Toll Free Phone # 800-572-2875
 Roanoke Office Phone # 540-529-2089
 Company Website: www.seburks.com
 General E-Mail: seb@seburks.com
 75+ Years of Industry Expertise



WWW.LOCHINVAR.COM

- Gas Fired Heating Systems
- High Efficiency Condensing Boilers up to 6.0MBH
- High Efficiency Condensing Water Heaters up to 4.0MBH
- ASME Tanks & Storage Type Heaters
- Pool & Spa Heaters



WWW.ARMSTRONGFLUIDTECHNOLOGY.COM

- Centrifugal Pumps / ECM Circulators
- Pressure Booster Systems
- Hydronic Specialties: Air Separator/Suction Guides
- Heat Exchangers
- Design Envelope/Intelligent Variable Speed Pumping



WWW.WEIL-MCLAIN.COM

- Cast Iron Sectional Boilers—All Fuels
- Residential & Commercial Boilers
- Multiple Boiler & Energy Management
- High Efficiency Condensing Boilers



WWW.WEILPUMP.COM

- Sump / Effluent / Sewage Pumps
- Grinder Pumps
- PLC Control Panels



WWW.BURNHAMCOMMERCIAL.COM

- Wetback Scotch Boiler
- Packaged Fire Tube Boilers
- Forced Draft Firebox



WWW.SHIPCOPUMPS.COM

- Condensate & Boiler Feed Pumps
- Turbine Pumps / Vacuum Pumps
- Deaerators



WWW.TIGERFLOW.COM

- Engineered Plumbing Booster
- HVAC Pump Packages



WWW.WEBSTER-ENGINEERING.COM

- Gas, Oil, & Dual Fuel Powered Burners
- High Efficiency Along With Low NOx Burners



WWW.WESTANK.COM

- Tanks: Expansion / Flash / Blowdown
- Glycol Make-Up Packages



WWW.SCHWANKGROUP.COM

- Infrared Tube Heaters & High-Intensity Heaters
- Commercial & Industrial Air Curtains
- MonsterFans "HVLS Fans"



WWW.TOWERTECHINC.COM

- Patented Modular Cooling Towers
- Fiber-Glass Closed Circuit Modular Cooling Towers
- Factory Assembled Modular Cooling Towers



WWW.COLUMBIABOILER.COM

- Dual Fuel Boilers
- Steam Boilers
- Condensate Return Systems



WWW.NEWYORKERBOILER.COM

- Residential Water or Steam Steel Boilers
- Residential Oil Boilers
- Residential Combi Heaters



WWW.BOILERMAG.COM

- High Performance Magnetite Separators
- Commercial Separators Up To 12" Connections
- Residential Separators In NPT & Press Connections



WWW.RECOUSAHEATERS.COM

- ASME Pressure Vessels
- Semi-Instantaneous Water Heater



WWW.WEISSINSTRUMENTS.COM

- Digital / Industrial Thermometers
- Pressure Gauges



WWW.HYDROLEVEL.COM

- Controls For Residential & Commercial Boilers
- Flow Switches / LWCO / HW Limit



WWW.MEPCOLLIC.COM

- Steam Traps: Radiator / Float & Thermostatic
- Condensate/Boiler Feed/Vacuum/Pressure

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, (571) 328-1143

Based in the Northern Virginia - D.C. Metro area, Mike has been with Viega in Business Development calling on Engineers, Owners and Code Officials for the last 6 years.

viega

Manufacturers Representative Since 1968
Harry Eklof
Representing: **& Associates, Inc.**

CALEFFI
Hydronic Solutions



FIELD CONTROLS



FLORESTONE
A spec above.



SCAN THE QR-CODE

to get more information
on product and training!



YOUR AD COULD BE HERE!

ADVERTISE WITH YOUR LOCAL CHAPTER

*A Special Thank You to Everyone Who has Placed Ads This Season!
Let us know if you want your ad included*

Newsletter and Webpage Advertisement Costs

Full Page Newsletter (per season)

ASPE Member \$395

Non-Member \$475

Half Page Newsletter (per season)

ASPE Member \$295

Non-Member \$375

Business Card Newsletter (per season)

ASPE Member \$95

Non-Member \$180

Tabletop Advertisement

Per Meeting

ASPE Member \$100

Non-Member \$150

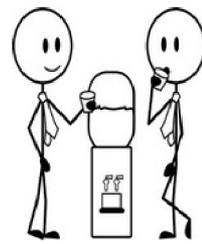
Per Year (approx. 9 meetings)

ASPE Member \$500

Non-Member \$600

TALK AROUND THE WATER COOLER...

Check-out these articles for interesting and educational topics & tools to stay up to date!



ASPEPipeline

News for the Plumbing System Design Industry

1. Second Public Comment Period for ASPE 45 Revision Is Open

ASPE's Main Design Standards Committee and Working Group 45 have reviewed the comments received during the first comment period for the revision to ASPE/ANSI 45-2018: Siphonic Roof Drainage, and the substantive changes resulting from that review are now available for public comment until April 28, 2025.



2. ASPE and IAPMO Release Peak Water Demand Study

Peak Water Demand Study: Full Study is a comprehensive analysis redefining water supply system sizing for residential and multifamily buildings. It provides an evidence-based approach to right-sizing plumbing systems—demonstrating reductions in water waste, construction costs, and public health risks.



3. Do You Know Our Affiliate Partners?

Our Affiliate Partners are essential in helping our members design the most technologically advanced plumbing systems. To meet our affiliate partners and learn more about their services, visit <https://aspe.org/membership-global-community/affiliate-sponsors/>



BE SURE TO CHECKOUT THESE COLUMNS FOUND IN PIPELINE EXCLUSIVES SECTION:
[HTTPS://WWW.ASPE.ORG/PIPELINE/CATEGORY/PIPELINE-EXCLUSIVES/](https://www.aspe.org/pipeline/category/pipeline-exclusives/)



BACK TO BASICS

In a new quarterly series on ASPE Pipeline, Francisco DeHoyos explores the concept of grandfathering and explains why it should be avoided when working on existing building renovation projects.



SHE'S BACK!

"Lessons in Firestop" columnist Sharron Halpert kicks off her 2025 series with a look at sealants. How are you supposed to determine which sealant you need for your project?



WHICH PIPE IS RIGHT?

In a recent Pipeline Exclusive, Jonathan Simon of Lubrizol compares plumbing pipe types and explains which offer performance, reliability, and cost savings for different systems

EDUCATION STATION



REMINDER! ASPE revamped their learning platform!! The new site is education.aspe.org. All educational programs and articles have transitioned over to the new site now. If you are looking to earn CEU's and/or enhance your skills and knowledge then this is the site for you! Once in the site Sign in (top right) using your ASPE Connect credentials. If you have not activated your ASPE Connect credentials, go to this link to reset your ASPE Connect password: <https://connect.aspe.org>.

SHOWCASE YOUR SUSTAINABLE SKILLS

Our Green Plumbing Design designation signifies professionals dedicated to ensuring the efficient use of resources via water-conserving plumbing systems. The GPD designation signifies professionals who are dedicated to ensuring the efficient use of our precious water resources via water-conserving plumbing system designs for commercial and residential applications. Member cost is \$500, and the course must be completed within 6 months.

<https://education.aspe.org/products/green-plumbing-design>



SAVE THE DATE!

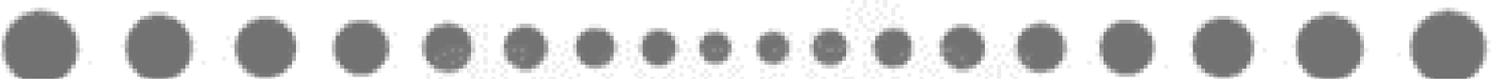
If you weren't able to join us in Chicago this week for our in-person MedGas Workshop, you have at least two more opportunities this year: [August 21–24 in North Andover, Massachusetts](#) (hosted by Watts) and [October 16–19 at ASPE's headquarters](#). To learn more about our ASPE 6060 training options, [visit aspe.org](https://aspe.org)



WATTS LEAK DETECTION SOLUTIONS WEBINAR IS AVAILABLE ON DEMAND

Innovative Solutions for Leak Detection in Commercial Spaces," an ASPE-accredited webinar worth 0.1 CEU from Watts, will teach you how advanced leak detection solutions can protect commercial and multifamily properties.

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



ASPE's April 2025 Book of the Month is [ARCSA/ASPE/ANSI 63 \(2020\): Rainwater Catchment Systems](#) (eBook version).

Through April 30, 2025, you can purchase this eBook for **25% off** the regular member price. Just enter coupon code **volunteer** when you check out.