

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 it's staff.



INSIDE THIS ISSUE:

Greetings from the President
Page 2

Technical
Page 3

Membership
Page 4

AYP
Page 5

Industry Ads
Pages 6-19

News
Page 20

Education
Page 21

Happy Holidays ~ December 2024

TOPIC: SIGNIFICANT UPDATES - 2021 VA PLBG CODE

**PRESENTER: LISA REIHELD, ICC DIRECTOR
PMG TECHNICAL RESOURCES**

HOSTED BY:

**WHEN: WED., DECEMBER 11th
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 Holiday's from your Richmond ASPE family! This month is the season of giving and we are no exception. As we did last year in December, we will again be holding a free gift card raffle for those that attend our December meeting in person. There are several changes to win, so your odds are very good. Come join us in person and help keep the holiday cheer going.

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 tomorrow **Wednesday, December 11th** at the Glen Allen Cultural Arts Center. 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.*

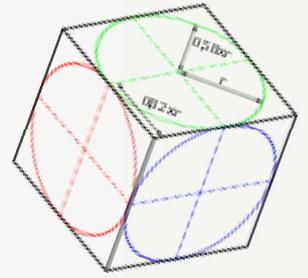
As always, if you have any questions, comments or concerns, please do not hesitate to reach out to me or anyone on the board.



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

TECHNICAL SCHEDULE

Presentation Lineup



- **Januray 8, 2025**
 - Tyler Berry - TLA
 - Heat Pump Water Heaters
- **February 12, 2025**
 - Jay Otto - Otto Sales
 - **TBD**
- **March 12, 2025**
 - Kevin Urbanowski - RMI
 - **TBD**
- **April 9, 2025**
 - Mathis Carlson - MediTrac
 - Preparing For The Future of Code Compliance: A Highlight of Major Code Changes From The NFPA 99 2012 Edition To The 2024 Edition
- **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

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!

Gray Lawson - New Ridge Engineering

**Please Continue Encouraging Colleagues to Consider
Joining Our ASPE Family**

LET'S CELEBRATE!



BIRTHDAYS

Aaron Eastwood	12/2
Jay Otto	12/2
Vic Hines	12/21
Jeff Mortensen	12/23

ASPE-VERSARIES

Jeff Mortensen	12/10/2001
Stephen Lyons	12/14/2001
Manan Haji	12/21/2006
Lars Frost	12/10/2013
Scott Mills	12/8/2020
John Hogarth	12/9/2020
Scott Gregg	12/9/2020
Tina Capece	12/12/2023

Hey Young Professionals!

REGION 1 AYP PRESENTS:



HOW TO CHOOSE THE "RIGHT" BALANCING VALVE

presented by

CODY MACK

WHO

THIS WEBINAR IS OPEN TO ALL REGION 1 ASPE YOUNG PROFESSIONALS

WHAT

- WHAT IS THE PURPOSE OF BALANCING AND THE CONSEQUENCES FOR NOT?
- WHAT ARE THE DIFFERENT TYPES OF BALANCING VALVES?
- HOW DO I SIZE BALANCING VALVES?
- DO YOU ALWAYS NEED SPECIAL EQUIPMENT FOR BALANCING?

WHEN

WEDNESDAY
DECEMBER 18, 2024
12-1PM EST

REGISTER

THIS WEBINAR IS FREE TO ASPE MEMBERS.

CODY IS THE NATIONAL TRAINING MANAGER AT CALEFFI NORTH AMERICA. HE HAS NEARLY 20 YEARS OF EXPERIENCE IN SEVERAL ROLES, WHICH INCLUDE INSTALLATION CONTRACTOR, SERVICE TECHNICIAN, APPLICATION ENGINEER AND PRODUCT MANAGER, ACROSS THE PLUMBING AND HEATING INDUSTRY. HE POUNDS THE PAVEMENT TRAINING ON THE PROPER USE AND APPLICATION OF PRODUCT, HELPING YOU TO GET THE MOST OUT OF YOUR SYSTEMS. HE'S A FAMILY MAN, GEAR-HEAD, AND MOTORCYCLE-ENTHUSIAST WITH A COMMONSENSE APPROACH TO HYDRONICS AND PLUMBING.



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



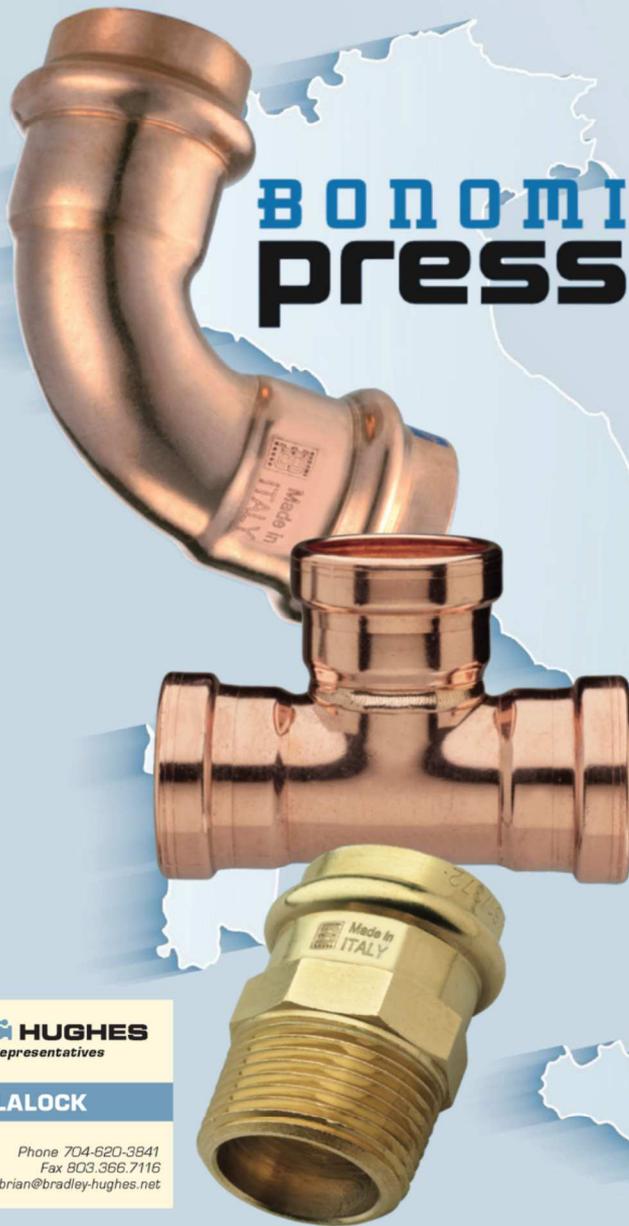
Increase your productivity

*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





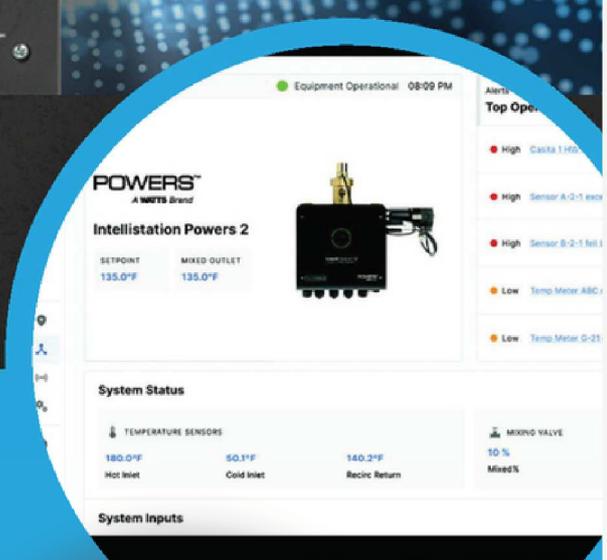
THE NEXT GENERATION OF DIGITAL MIXING

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!**

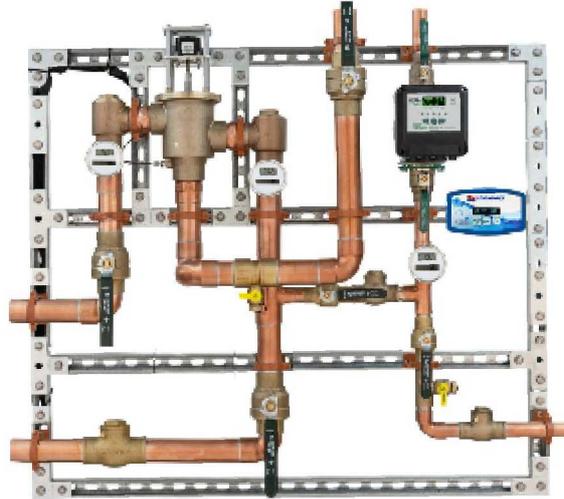


A MEMBER OF THE KENDALL GROUP

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



Complete Mixing Valve Solutions



www.ottosales.com

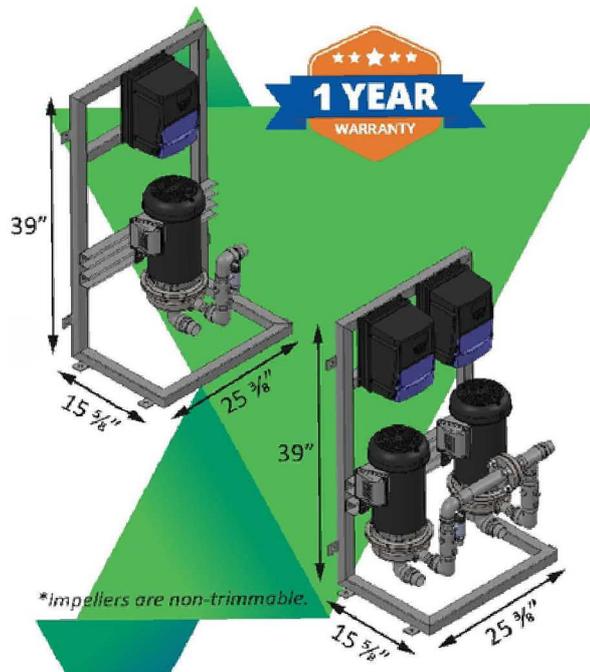
P.O. Box 6005
Ashland, VA 23005
804.798.2600

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)**



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



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



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



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



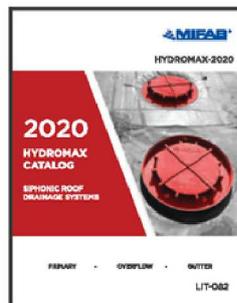
**ROOFGUARD-2020
ROOFGUARD ROOF
DOMES
(LIT-058)**



**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



**QUICK
FILTER CHANGE
WRAPPER**



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® 400A 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.TOWERTECHING.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

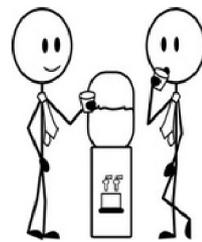
Per Year (approx. 9 meetings)

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!



ASPE Pipeline

News for the Plumbing System Design Industry

1. ASPE President Is Featured by HPAC

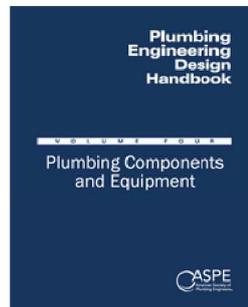
ASPE's 2024-2026 President, Bryan Hutton, CPD, MBA, FASPE, was recently featured on the latest "HPAC on the Air" podcast, where he discusses ASPE's future and the road ahead for plumbing engineers. [Listen now>>](#)



2. 2024 Version of ASPE's Plumbing Engineering Design Handbook, Volume 4, Is Now Available

ASPE has released the latest updated volume in its *Plumbing Engineering Design Handbook* series, **Volume 4: Plumbing Components and Equipment**, as a convenient eBook. This encompasses more than 50 chapters in four volumes and provides comprehensive details of the accepted practices and design criteria used in the field of plumbing engineering. Volume 4 covers selection and sizing practices for various components and equipment, including fixtures, pipes, valves, pumps, and more. ASPE members can [access all four volumes as eBooks for free](#) while non-members can [purchase the Volume 4 eBook](#) for \$259.95.

Visit the ASPE Bookstore > Publications & News to place your order. <https://aspe.org/publications-news/>



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/)



From the
President's
Keyboard

by Jim Zebrowski, PE, CPD, FASPE
2022/24 ASPE President

SAYING FAREWELL

In his final column as President of ASPE, Jim Zebrowski reflects on ASPE's impact on his career, and he thanks numerous people who have helped and supported him along the way.



From the
President's Pen

by Bryan L. Hutton, CPD, MBA, FASPE
2024-2026 ASPE President

DECEMBER 2024 FROM THE PRESIDENT'S PEN: CONDUIT OF SUCCESS, VOLUME 3—LEADING UP THE CHAIN

I hope that as you read this article, you had a most enjoyable Thanksgiving! We all have much to be thankful for. Today brings me a lot of joy as I reflect on our tremendous experience in Columbus. Thanks to all of you, the 2024 Convention & Expo was one of my favorites from the past two decades. Read the full article and try your hand at the [Volume 3 ASPE education crossword puzzle!](#)

LAST BUT NOT LEAST

In the final article of our "ASPE Committees A to Z" series, you can learn how the Women of ASPE Committee helps advance women in the industry.



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>.

NEW EDUCATIONAL OFFERING!

As part of our commitment to train the next generation of medical gas system designers, we have created a new MedGas Basics class bundle on ASPE Education. The four instructional video classes provide an introduction to medgas system design for those looking to get into this exciting specialty of plumbing engineering. You can take the classes at your leisure, and each offers 0.1 CEU upon completion. Classes are available for purchase individually (members \$50/ea.; non-members \$80/ea.) or as a bundle (\$150; \$270). [Visit ASPE Education to get started.](#)



education.aspe.org

NEED CEU'S?

At ASPE Education you can find archived webinars, our popular Read, Learn, Earn program, and more to help you earn the CEUs needed for CPD and CPDT recertification. [Visit ASPE Education to get started.](#)



WATTS RELEASES UPDATED DATA CENTER SERVER COOLING WEBINAR

During this one-hour, ASPE-accredited CEU webinar on [Watts Works Online](#) you will learn how a well-designed cooling system can increase the efficiency of a data center and lower operational costs. [Visit ASPE Education to get started.](#)



ASPE's December 2024 Book of the Month is the [CPD Study Guide](#) (eBook version).

Through December 31, 2024, you can purchase this eBook for **25% off** the regular member price. Just enter coupon code **holidaycheer** when you check out.