

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

AYP
Page 5-6

Industry Opportunities
Page 7

Industry Ads
Page 8 - 21

News
Page 22

Education
Page 23

APRIL 2022

TOPIC: DIGITAL MIXING STATIONS

PRESENTER: DAN TOMLINSON - ARMSTRONG

**WHEN: WED., APRIL 13th
11:45 am - 1:30 pm**

WHERE: VIA ZOOM MEETING @
<https://moseleyarch.zoom.us/j/95282350445>
(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

Bill Lesemann, Jr. – W.G. Lesemann & Assoc.

Education Committee Chairperson

Tina M. Capece – Mason & Hanger
tina.capece@masonandhanger.com

ASPE Young Professionals Chapter Liaison

Eric Geisendaffer - Bay Associates
eric@bayassociates.com

GREETINGS FROM THE PRESIDENT

President's Message...

We're quickly approaching the last two meetings of our fiscal season! If you or anyone you know is interested in serving on the Richmond Chapter board, please reach out as we have a couple positions available currently.

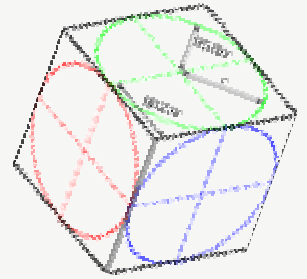
We are scheduling our next season (2022-2023) at this point and spots are beginning to fill quickly. Please reach out if you are interested in presenting.

I look forward to seeing everyone for the virtual monthly meeting, this upcoming Wednesday the 13th. If you need the virtual zoom meeting invitation please let me know and I'll get it to you as soon as possible.

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**



Presentation Lineup

(VIRTUAL VIA ZOOM UNLESS OTHERWISE NOTED)

- **May 11**
 - **Reading Pump Curves; Properly Sizing Pumps per Application; Best Range a Pump should Operate at.**
 - **Roberto Vidal-Garcia with Grundfos**

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 colleague's to attend our monthly meetings and consider joining the ASPE family. Visit <https://www.aspe.org/join> for more information.



WELCOME!

We are happy to welcome the following new members:

No new members for this month.
Would any of your colleagues be interested in
joining the Richmond Chapter family?

LET'S CELEBRATE!



BIRTHDAYS

Tina Capece	4/12
Eric Geisendaffer	4/22
Eric Scott	4/23

ANNIVERSARIES

David Dahl	4/30/1993
Robert Grubbs	4/10/2000
John Cutright	4/20/2013

April 2022



**ASPE
YOUNG
PROFESSIONALS**

REGION 1

NEWSLETTER

Nikita Patel
Baltimore

Roger Schultz
Blue Ridge

Amy Gebhardt
Boston

Mike Jacobsen
Connecticut

Jacob Otto
Hampton Roads

Tara Dollinger
Long Island

David Charbonneau
Montreal

Daniel Blatto
New York City

Jacob Schrage
Philadelphia

Eric Geisendaffer
Richmond

Patrick Dwyer
Washington D.C.

AYP Liaisons

Hey Young Professionals!

Thank you to those who joined last month's AYP presentation. This month, we are excited to have Dan Caufield from NIBCO Inc. present "Valves 101". It will be a general valve presentation covering types of valves for plumbing and mechanical piping systems, their features, benefits, pros/cons, applications, and comparisons.

Dan is the Commercial Sales Manager for NIBCO Inc. He assists with technical information, troubleshooting & field service calls, new product launches, start-ups, lunch and learns, and master spec updates for all NIBCO, Sureseal, and Webstone products. He has been with NIBCO for nearly 30 years. We look forward to seeing you there!

Scroll to the next page to register for this event and read about what else your AYP Liaison has planned for this month.



Dan J. Caufield

CASPE
American Society of
Plumbing Engineers...
BALTIMORE

AYP RICHMOND - ERIC GEISENDAFFER - cont'd

Chapter Meetings

AYP Region 1	4/20
Baltimore	4/27
Blue Ridge	4/12
Boston	4/20
Capital Region	4/21
Central NY	4/13
Connecticut	4/20
Hampton Roads	4/14
Long Island	4/20
Montreal	4/20
New Jersey	4/20
New York City	4/06
Philadelphia	4/28
Quebec City	4/12
Richmond	4/13
Washington D.C.	4/26

Have an Engineering question of your own? Send it to your AYP Liaison to be featured on our next newsletter!



SUN	MON	TUE	WED	THU	FRI	SAT
<h1>April</h1>					1	2
3	4	5	6 ☔	7	8	9
10	11	12 ☔☔	13 ☔☔	14 ☔	15	16
17	18	19	20 ☔☔☔☔	21 ☔	22	23
24	25	26 ☔	27 ☔	28 ☔	29	30

A Note from your AYP Liaison

With Spring quickly approaching we are looking to ramp up our AYP events. The first will be a disc golf outing at Gillies Creek. A follow up email will be sent to confirm who can attend and provide more information.

To sign up for the AYP presentation, please use the link below:

[April AYP Sign UP](#)

ASPE Connect Corner

Download the New ASPE Connect Mobile App!

ASPE has released their ASPE Connect Community mobile app! On the app, you can view and reply to existing threads, library entries, events, and more! You'll also be able to create a new discussion or ask a question from your device.

To start using the app:

1. Download the [Connected Community](#) app in the Apple or Google Store
2. Enter the community's domain name: connect.aspe.org
3. Login using your usual community credentials. Select "stay logged in" if the option appears.

Take some time to explore the community's new mobile app and reach out to me if you have any questions about the new experience!

Best,
 Andrew Hohman
 American Society of Plumbing Engineers
 Online Community Manager



INDUSTRY OPPORTUNITIES

Brandt Engineering INC.

Plumbing Designer/Engineer – Midlothian, VA.

A growing Richmond, Virginia Mechanical, Electrical and Plumbing firm seeking a Plumbing Designer/Engineer to manage and coordinate project design with clients.

Responsibilities

Develop construction documents in both AutoCAD and REVIT. REVIT not a necessity but willing to learn. Design new/renovation projects and include sizing domestic water, sanitary, vent, storm, and gas piping systems. Design knowledge in fire protection recommended. Review shop drawings, RFI'S and coordinate with other disciplines along with attending project meetings.

Qualifications

- CPD preferred.
- Four plus years of commercial plumbing design experience.
- Have a vast knowledge of the plumbing and architectural codes.
- Good communication skills to coordinate with other disciplines, architectural team members and function in a collaborative environment.
- Knowledge base in Word, EXCEL, and other related software.

Work Schedule/Salary

Monday thru Friday with optional Friday work at home schedule.

Salary commensurate with experience and qualifications. Great benefits and 401K plan.

Contact

David Moore CPD

(804)794-6656

Hubbell WATER HEATERS

High Volume Tepid Water Delivery System

The Model EMV is a fully packaged system designed to meet the requirements of ANSI/ISEA Z358 for tepid water delivery to an emergency drench system. This heavy-duty water heater is constructed using a carbon steel tank and internally lined with ½" thick Hydrastone.

- ☉ Hydrastone cement lining provides tank longevity
- ☉ Copper-silicon alloy tappings cannot rust or corrode
- ☉ High impact composite jacket cannot rust or corrode
- ☉ 3" thick polyurethane foam insulation reduces standby heat loss by over 24%
- ☉ Mixing valve designed specifically for emergency drench systems ensures a constant flow of tepid water

Hubbell Heaters offers a full range of styles, sizes, and optional features to meet your exact heating needs.

Contact our representative, Eric Geisendaffer, today! eric@bayassociates.com



HubbellHeaters.com



Advanced technologies and innovative designs are fused with industry-leading manufacturing expertise in Lync's complete, cost-effective water technology solutions. Our expertly engineered, fully integrated and assembled systems minimize planning, design and installation time while maximizing your return on investment.

Learn more at lyncbywatts.com.

Fully designed and assembled solutions from one source



Commercial heat pumps, wireless leak detection, and water heating, water quality, and water wellness solutions



Bay Associates Group, Inc.
1432 Front Ave / Lutherville, MD 21093

Eric Geisendaffer
eric@bayassociates.com
410-825-6616



817.335.9531 | lyncbywatts.com

©2021 Lync

INDUSTRY ADS



**Power.
Performance.
Endurance.**

PVI water heaters feature greater BTU input for quick reaction, an optimized storage buffer for extra power when needed, the benefit of high water turnover, and exclusive duplex stainless steel AquaPLEX® construction for unmatched performance and longevity. **Learn more at pvi.com.**

DynamiC®
Water Heating















Bay Associates Group, Inc.
1432 Front Ave / Lutherville, MD 21093
Eric Geisendaffer
eric@bayassociates.com | 410-825-6616



800.784.8326 | pvi.com

©2021 PVI

Manufacturers represented by RMI

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

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

Website:
www.rmisales.com

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



Ecovie

Grey water and Rainwater Solutions

Scan me



AQUALOOP

Assured Performance with Low Maintenance and High Water Quality



NSF
CERTIFIED TO
NSF/ANSI 350 (C)

Greywater Recycling

Rainwater Collection

Applications: Greywater from showers, laundry, and lavatories to use in cooling towers, toilet flushing, irrigation, and laundry.

- ✓ **The Only Listed NSF 350C Greywater System**
- ✓ **LADBS and LA County Accepted!**
- ✓ **NSF 350 Listing = No Costly 6 Month Field Test**
- ✓ **Scales to > 30,000 GPD**
- ✓ **Packaged and Custom Systems**
- ✓ **99.9999% Bacteria Removal**

Key projects - Proven Performance



Local Virginia, DC and Maryland Manufacturer's Representative:

P.O. Box 6005
Ashland, Virginia 23005

info@ottosales.com
www.ottosales.com

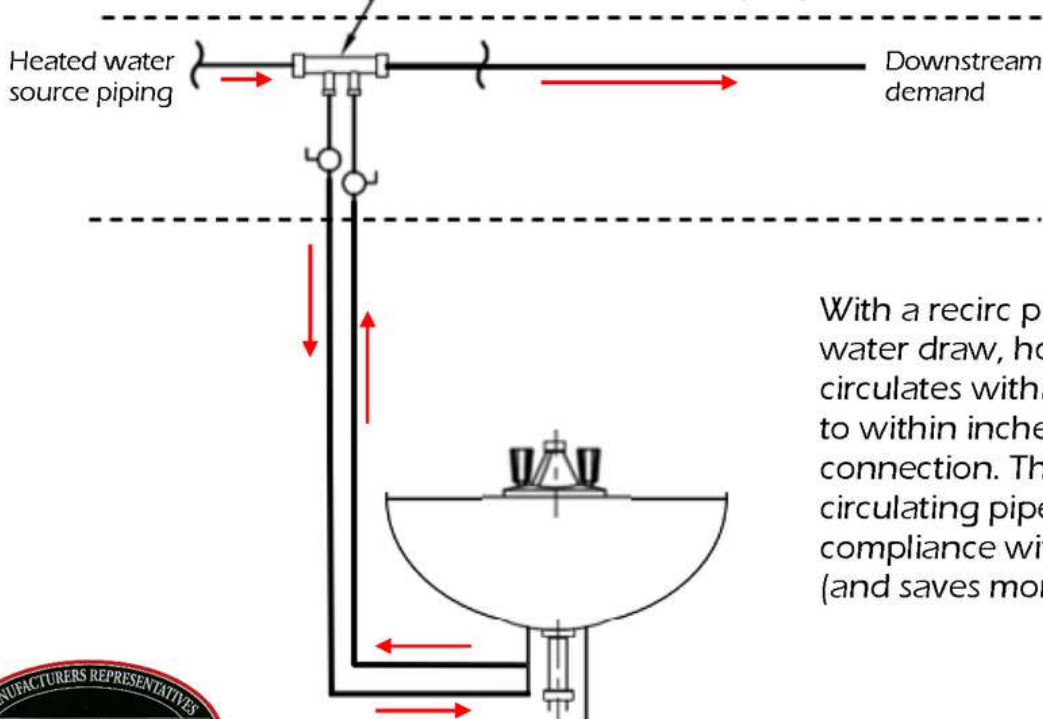
Tel: 804-798-2600
Fax: 804-798-1356

How to comply with the Energy Code C404.5.1 (requiring a maximum of only 24" of non-circulating pipe length).

The **Kemper Flow-Splitter** gives the designer the ability to route smaller circulation loops to public lavs and other fixtures from the primary heated water source. It's a 'no-brainer'.



Flow-Splitter
Figure 651 06 XXX



With a recirc pump or downstream water draw, hot water automatically circulates within the connected loop to within inches of the fixture connection. This minimizes non-circulating pipe lengths for compliance with the energy code (and saves money).



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

info@ottosales.com
www.ottosales.com
FAX: (804) 798-1356

KEMPER
WATER CONTROL SYSTEMS

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 804-798-2600

QuantumFlo is an ASPE Accredited CEU provider

QuantumFlo received the 2020 ASPE Industry Award

INDUSTRY ADS



RELIABILITY BUILT IN™

EXPERIENCE YOU CAN TRUST.

T&S has been supplying highly durable plumbing products to the healthcare industry for more than six decades. From hospital rooms and surgical suites to assisted living facilities and more, T&S' wide and deep range of specialized products helps meet the unique needs of today's healthcare facilities.



SPECIALIZED FEATURES FOR A SAFER, MORE HYGIENIC AND MORE EFFICIENT ENVIRONMENT

- ANTIMICROBIAL COATING
- ENERGY- AND WATER-SAVING DESIGNS
- PLAIN END SPOUTS/LAMINAR FLOW OUTLETS
- AUTOMATIC LINE PURGE FUNCTION ON SENSOR FAUCETS



Aaron Eastwood
MidAtlantic
REPSOUTH
16251 Sycamore Drive
Ashland, VA 23005
(804) 650-0025 office
(804) 650-0074 fax
(804) 516-4510 cell

aaron.eastwood@midatlanticropsouth.com

[f](https://www.facebook.com/midatlanticropsouth) [i](https://www.instagram.com/midatlanticropsouth) [t](https://www.twitter.com/midatlanticropsouth)
www.midatlanticropsouth.com

Water Dispensers

Standard In Wall ezH2O Liv Pro™
Commercial for Businesses



ezH2O Liv Pro™

Filtered, Stylish and Sustainable

Serve guests and colleagues cleaner, healthier water in a sustainable way with an ezH2O Liv Pro. This eco-friendly filtered water dispenser is engineered to accommodate the extra capacity needed in commercial spaces such as lobbies and conference rooms.

ezH2O Liv Pro includes:

- Water dispenser with glass panel
- Filter box kit and remote filter cable; install based on application
- WaterSentry® 3,000-gallon NSF certified filter
- Two color options: Aspen White or Midnight

Note: Chiller sold separately; various options available, based on application



Aspen White



Midnight

Indoor use only



Our ezH2O Liv won Business Intelligence's 2020 Sustainability Award!

ELKAY / 100 YEARS



2518 Waco Street, Henrico VA 23294
 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
 60+ 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
- Copper Finned Water Heaters & Boilers
- Pool & Spa Heaters



WWW.WEILPUMP.COM

- Sewage Pumps
- Grinder Pumps



WWW.CLIMATEMASTER.COM

- Water-Source Heat Pumps
- Dedicated Outdoor Air Systems
- Tranquility® Vertical Stack Systems



WWW.TIGERFLOW.COM

- Engineered Plumbing Booster
- HVAC Pump Packages



WWW.WEISSINSTRUMENTS.COM

- Digital / Industrial Thermometers
- Pressure Gauges



WWW.HYDROLEVEL.COM

- Controls For Residential & Commercial Boilers



WWW.ARMSTRONGFLUIDTECHNOLOGY.COM

- Hydronic Specialties
- Centrifugal Pumps/Circulators
- Pressure Booster Systems
- Air Control Balancing Valves
- Heat Exchangers
- Design Envelope/Intelligent Variable Speed Pumping



WWW.BURNHAMCOMMERCIAL.COM

- Wetback Scotch Boiler
- Packaged Fire Tube Boilers
- Forced Draft Firebox
- Low NOx Boilers
- Shock Proof Boilers



WWW.WEBSTER-ENGINEERING.COM

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



WWW.CARLINCOMBUSTION.COM

- Residential / Commercial Gas & Oil Burners
- EZGas Pro Universal Conversion Burner
- Gas & Oil Burner Controls



WWW.MUELLERSTEAM.COM

- Domestic / International Strainers
- Y-Strainers, Check Valves, & Butterfly Valves



WWW.MEPCOLL.C.COM

- Steam Traps
- Condensate/Boiler Feed/Vacuum/Pressure



WWW.WEIL-MCLAIN.COM

- Cast Iron Sectional Boilers—All Fuels
- Residential & Commercial Boilers
- Multiple Boiler & Energy Management
- High Efficiency Condensing Boilers
5.0 Ranging Up To 2.0 MBH



WWW.SHIPCOPUMPS.COM

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



WWW.WESTANK.COM

- Expansion Tanks
- Flash & Blowdown Tanks
- Separator Tanks
- Glycol Make-Up Packages



WWW.COLUMBIABOILER.COM

- Dual Fuel Boilers
- Steam Boilers
- Condensate Return Systems



WWW.RECOUSAHEATERS.COM

- ASME Pressure Vessels
- Atmospheric Commercial Water Heaters
- Storage Type Water Heaters
- Hydropneumatic Tanks

America's Grease Interceptor™



SCHIER MAKES IT EASY TO SIZE YOUR INTERCEPTORS WITH GREASE MONKEY



Grease Monkey guides you through the important aspects of sizing and produces a plans-ready sizing report using Grease Production Sizing. Once you receive your recommended interceptor, you can opt-in to Schier's complimentary **Pre-approval Service** in which sizing experts double-check your work and confirm local code approval for your grease interceptor installation.

Key Features and Functionality:

- Easy-to-use interface that recommends the right sized grease interceptor
- Gives users the ability to save and modify previous sizings
- Produces PDF plan-ready sizing calculations, perfectly sized for construction documents
- Accommodates local jurisdictional requirements
- Pre-approval Service backed by Schier's sizing experts...all for free!

The
JOYCE AGENCY
MANUFACTURERS REPRESENTATIVE

For more information on Schier and Grease Monkey, please contact The Joyce Agency!

Cydney Johnstone: 804-240-8014 | cydney@thejoyceagency.com

Visit our website: www.thejoyceagency.com

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 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.

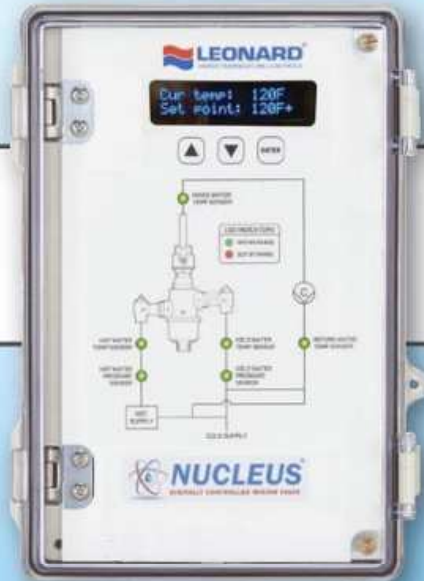
viega

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



TRUE INDUSTRY PARTNER

A STRATEGIC PARTNERSHIP YOU CAN COUNT ON

When working with AB&I, you're part of the family. Our team cares about every customer at every level—always finding solutions to help you succeed.



CAST IRON SOIL PIPE & FITTINGS

Made in the U.S.A. • ABIFoundry.com/sales

HUSKY CR 7000 THE NEWEST MEMBER OF OUR PACK.

Husky HD 2000 | Husky SD 4000 | Husky CR 7000



316 Stainless Steel

First Heavy-duty coupling for corrosive applications

The first of its kind, the Husky CR 7000 is made with 316 stainless steel to perform better than any others in highly corrosive environments.



ChooseHusky.com



PLUMBING
TECHNICAL SERVICES

QUALITY NEVER GOES OUT OF STYLE—CAST IRON SOIL PIPE & FITTINGS

Learn more about the benefits of using
a cast iron plumbing system.



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

McWanePlumbingTechServices.com/continuing-education



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 \$375

Non-Member \$450

Half Page Newsletter (per season)

ASPE Member \$275

Non-Member \$350

Business Card Newsletter (per season)

ASPE Member \$75

Non-Member \$150

Meeting Tabletop Costs

Per Meeting

ASPE Member \$80

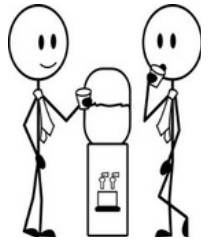
Non-Member \$100

Per Year (8-9 Meetings)

ASPE Member \$450

Non-Member \$550

TALK AROUND THE WATER COOLER...



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

ASPE Pipeline

News for the Plumbing System Design Industry

1. ASPE Launches the New ASPE Connect Mobile App

We are excited to announce that the [ASPE Connect Community](#) is now available at your fingertips through our new mobile app. On the app, you can view and reply to existing discussions, start new discussions, download library entries, and make connections. Just download the Connected Community app in the [Apple App Store](#) or [Google Play Store](#) and enter the community's domain ([connect.aspe.org](#)) to get started.

2. Early Bird Deadline Extended

Are you thinking about attending the 2022 Emerging Water Technology Symposium (EWTS) this May? The co-conveners have extended the early bird deadline to April 15 to allow more industry professionals the opportunity to participate. Visit [ewts.org](#) to view the conference schedule, register, and reserve your hotel room at the Westin Riverwalk in San Antonio.

3. ASPE Seeks Board of Directors Applicants and Proposed Bylaws Amendments

In every Convention year, members have two opportunities to make their mark on ASPE: by applying for a position on the ASPE Board of Directors or proposing an amendment to the ASPE Bylaws. Board applications are due by May 16 and Bylaws amendments are due by May 21 to ASPE Executive Director/CEO Billy Smith, FASPE, at bsmith@aspe.org.

4. U.S. DOE Releases Energy-Saving Requirements for Federal Buildings

The U.S. Department of Energy has announced the release of new energy-efficiency requirements for federal buildings that will take effect in 2023. The DOE also proposed new standards for residential room air conditioners and pool heaters to help consumers save on utility bills. The new codes and standards are estimated to potentially save more than \$15 billion in net costs over the next 30 years and allow the federal government to lead by example in energy efficiency.

In April of 2023, all new federal buildings and major retrofits to existing federal buildings must comply with the International Code Council's 2021 IECC and the 2019 ASHRAE Standard 90.1.

https://www.aspe.org/pipeline/us-department-of-energy-releases-energy-saving-requirements-for-federal-buildings/?_zs=Mwala&_zl=FKc33

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/)



NEW COLUMN BEGINS!

Firestop industry expert Sharron Halpert starts her monthly column on ASPE Pipeline with a review of six critical steps to reducing firestop headaches. [Visit the Pipeline Exclusives link to read it now.](#)



THE LIMITS OF A CODE ADMINISTRATOR

While some may believe that code administrators have superpowers, Dave Dexter maintains that there are limits on what they may require. [Go to the Pipeline Exclusives link to continue reading.](#)



IN CASE YOU MISSED IT...

Anthony J. Curiale, CPD, LEED AP, FASPE, reflects on his decades-long career in the plumbing engineering industry in [his three-part series on ASPE Pipeline.](#)

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>.

ASPE ANNOUNCES ANOTHER FREE WEBINAR TITLED: FIRESTOPPING VERTICAL AND HORIZONTAL PENETRATIONS

On April 21, Jim LeStage, Specification Sales Manager at Reliance Worldwide Corp. (RWC), will present this one-hour webinar and ASPE members can attend for free thanks to the generous sponsorship of RWC. Registration is now open at ASPE Education. You will earn 0.1 CEU/1 PDH for participating. [Visit ASPE Education to register.](#)

NEW WEBINAR SERIES FROM ASPE AND IAPMO IS OPEN FOR REGISTRATION



ASPE/IAPMO Webinar Series Continues.....

Each webinar is just \$39, and registration is available at iapmolearn.org.

- April 14, 2022: Water Quality 101: Theory and Practice
- May 2, 2022: New Perspectives on Water Quality: Is Water Hammer and Air in Domestic Water Pipe Causing Corrosion?

IAPMO TO OFFER A TWO-PART WEBINAR SERIES ON THE WDC IN MAY

On May 12-13, IAPMO will host "*The Water Demand Calculator Webinar: Understanding Its Application and Benefit,*" a two-part, free webinar series that will explore the application of the Water Demand Calculator (WDC) as an alternative to Hunter's Curve for estimating water supply demand for residential buildings. You can register at iapmolearn.org



APRIL 2022 BOOK OF THE MONTH IS THE DIGITAL EDITION OF ***DOMESTIC WATER HEATING DESIGN MANUAL***.

THROUGH **APRIL 30, 2022**, YOU CAN PURCHASE THE PDF VERSION OF THIS BOOK FOR **35% OFF** THE REGULAR MEMBER PRICE. JUST ENTER COUPON CODE **SPRINGSHOWERS** WHEN YOU CHECK OUT.