

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.



OCTOBER 24-27



## SEPTEMBER NEWSLETTER

First Meeting of the 2019-2020 Season ~  
Mark Your Calendars for the 2nd Wednesday  
of Every Month!

**TOPIC: CONSTANT PRESSURE BOOSTING SYSTEMS,  
COMPONENTS, OPERATION**

**PRESENTED BY: SENCILLO - TOM HALLEY**

**WHEN: WEDNESDAY, SEPTEMBER 11th**

**WHERE: DEFAZIO'S 2601 Tuckernuck Dr., Richmond VA 23294**

**COST: \$20.00\***

*\* Lunch Sponsored by Sencillo for all Engineers & Designers*

### INSIDE THIS ISSUE:

Greetings from the Board  
Page 2

Technical  
Page 2

Membership  
Page 3-4

Industry Ads  
Page 5-16

Industry Opportunities  
Page 18

News  
Page 19

Education  
Page 20

BOARD OF DIRECTORS:

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

**Vice President Technical**  
Jeff Bew - AKF Group  
jbew@akfgroup.com

**Vice President Legislative**  
Istvan Godri Martis - WSP  
istvan.godri-martis@wsp.com

**Vice President Membership**  
Robert V. Grubbs - Alliance Engineering  
r.grubbs@allianceengineering.com

**Treasurer**  
Eric C. Scott - Lu + Smith Engineers  
escott@lsengineers.net

**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.  
blesemann@wglesemann.com

**Education Committee Chairperson**  
Tina M. Capece – Mason & Hanger  
tina.capece@masonandhanger.com

**ASPE Young Professionals**  
Richmond Chapter Liason  
Peter Pastore - RMI  
ppastore@rmisales.com

GREETINGS FROM THE BOARD

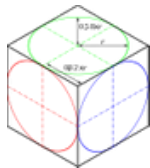
*President's Message*  
*2019-2020 ASPE Richmond Chapter Season*

*As we begin a new season, I'd like to thank everyone that reached out for this seasons meetings and this years Golf Tournament. This year is poised to be one of the best yet and I'm excited to see how it all comes together.*

*Please continue to reach out to the younger industry professionals in your area and help us become more actively engaged in mentoring our future plumbing designers and engineers.*

Joshua H. Landis, CPD  
President, ASPE Richmond Chapter

VP TECHNICAL - JEFF BEW



Welcome to the 2019-2020 season! We're excited to have a **full** schedule of technical presentations lined up to ensure you are up-to-date on the latest products and technologies. Take a look at the upcoming schedule below. **Lunch has been sponsored for most of them so Engineers and Designers attend at no charge!**

- Oct. 9th: Smart & Connected Plbg. Prod.-Commercial Bldgs. (ZURN - Alan Squires)
- Nov. 13th: Valves 101: The Ins & Outs of Valve Options in Commercial Plbg. (JOMAR - Aaron Eastwood, RepSouth)
- Dec. 11th: Cross Connection Control and Backflow Prevention (WATTS - Cameron Rapoport)
- Jan. 8th: Tankless Water Heater Syst. for Commercial Appl. (NAVIEN - Jeff Hubeny)
- Feb. 12th: TBD (IPEX - Ryan Boykin, Bradley-Hughes)
- Mar. 11th: Water Heater Sizing, Longevity, Efficiency (PVI - Jeff Henscheid)
- April 8th: Selecting Plbg. Fixt. for Healthcare Facil. Restrooms (W.G. Leseman - Betty Dabney)
- May 13th: The Future of Digital Mixing Valves (Chesapeake Systems - Frank Marsh)

# VP MEMBERSHIP - ROB GRUBBS

Welcome back members and a warm welcome to any new members. This is going to be a great season of fellowship and learning opportunities. Please encourage your colleague's to attend our monthly meetings and consider joining the ASPE family as a member!

## IMPORTANT MESSAGE FROM THE NATIONAL ASPE PRESIDENT.....

*August 22, 2019*

*Dear Chapter Leaders,*

*It has come to our attention that some attendees at Chapter meetings have been taking pictures of the technical presentation and then using those pictures in other presentations without permission.*

*This practice goes against copyright law, and we ask you to take steps to ensure that it does not happen at your meetings to prevent any liability on the part of the Chapter or Society.*

*Therefore, please read the following at the beginning of all of your chapter technical meetings:*

*"All content displayed at ASPE meetings is copyrighted. No one may copy any part of it without permission of the copyright owner. Violation of this rule can lead to monetary damages."*

*Thank you for your assistance in this very serious matter.*

*Sincerely,*

*Carol Johnson, CPD, LEED AP, CFI, FASPE  
2018-2020 ASPE  
President*

We know it goes without saying but let's be sure to not be an offender!

# VP MEMBERSHIP - Rob Grubbs cont'd

Everyone seems to enjoy seeing the birthdays & anniversaries of our members, and there have been numerous ones since our last meeting in May!

LET'S CELEBRATE!



## BIRTHDAYS

### JUNE

Brandon Cash	4th
Chris Tanner	13th
Ryan Boykin	15th
David Hanson	15th
Ryan Cooke	20th
Michael Murphy	23rd

### JULY

Steve Cooper	1st
Matthew Caparrelli	3rd
David Moore	6th
Lars Frost	7th
Rob Grubbs	7th
Mike McCarthy	16th

### AUGUST

Manan Haji	6th
Darryl Lawson	18th
Christopher White	19th

### SEPTEMBER

John Cain	7th
Istvan Godri-Martis	11th
Patrick Wright	21st
Kim Griffin	25th

## ANNIVERSARIES

### JUNE

Ira Leary	5th
Joseph Scerbo	22nd
Kyle Jenkins	26th
Frank Marsh	26th

### JULY

Ryan Boykin	5th
Charlie Hockett	25th
Tina Capece	31st

### AUGUST

Randy Lowry	17th
Christopher Geiger	17th
Istvan Godri-Martis	20th
Darryl Lawson	21st
Wes Bonafe	22nd
Patrick Wright	31st

### SEPTEMBER

Gena Claudel	2nd
Eric Geisendaffer	7th
Keith Workman	14th
James Trexler	30th



# INDUSTRY ADS



2518 Waco Street, Richmond VA 23294

**Manufacturers Representatives-  
Mechanical Equipment**

Toll Free Phone #: 800-572-2875  
Main Office Phone #: 804-672-8885  
Main Office Fax #: 804-672-1583  
Roanoke Office Phone #: 540-345-5800  
General E-mail: [seb@seburks.com](mailto:seb@seburks.com)  
Website: [www.seburks.com](http://www.seburks.com)



[WWW.ARMSTRONGPUMPS.COM](http://WWW.ARMSTRONGPUMPS.COM)

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



[WWW.ALFAVAL.COM](http://WWW.ALFAVAL.COM)

- Highly Efficient & Durable Heat Exchangers For Any Heat Transfer Application



[WWW.BURNHAMCOMMERCIAL.COM](http://WWW.BURNHAMCOMMERCIAL.COM)

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



[WWW.COLUMBIABOILER.COM](http://WWW.COLUMBIABOILER.COM)

- Dual Fuel Boilers
- Steam Boilers
- Condensate Return Systems



[WWW.HIGHLANDTANK.COM](http://WWW.HIGHLANDTANK.COM)

- Bulk Storage Tanks—Fuel and Water



[WWW.HEATSPONGE.COM](http://WWW.HEATSPONGE.COM)

- Stack Economizers
- Heat Sponge Sidekick



- Gas Fired Heating Systems
- Copper Finned Water Heaters and Boilers
- ASME Tanks
- Storage Type Heaters
- Electric Boilers/Heaters
- High Efficiency Condensing Boilers up to 5.0 MBH
- High Efficiency condensing Water Heaters up to 1.5 MBH



[WWW.MEPCOLLC.COM](http://WWW.MEPCOLLC.COM)

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



[WWW.MUELLERSTEAM.COM](http://WWW.MUELLERSTEAM.COM)

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



[WWW.PROHYDRONICSPECIALTIES.COM](http://WWW.PROHYDRONICSPECIALTIES.COM)

- Automatic/Manual Balancing Valves
- Coil Hookup Kits
- Hose Kits



[WWW.HYDROLEVEL.COM](http://WWW.HYDROLEVEL.COM)

- Controls For Residential & Commercial Boilers



[WWW.CARLINCOMBUSTION.COM](http://WWW.CARLINCOMBUSTION.COM)

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



[WWW.RECOUSAHEATERS.COM](http://WWW.RECOUSAHEATERS.COM)

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



[WWW.SHIPCOPUMPS.COM](http://WWW.SHIPCOPUMPS.COM)

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



[WWW.REYMSA.COM](http://WWW.REYMSA.COM)

- Fiberglass Cooling Towers
- Closed Circuit Fluid Coolers



[WWW.TOPPINDUSTRIES.COM](http://WWW.TOPPINDUSTRIES.COM)

- Polyethylene Basin
- Fiberglass Basins



[WWW.WEILPUMP.COM](http://WWW.WEILPUMP.COM)

- Sewage Pumps
- Grinder Pumps
- Condensate Pumps



[WWW.WEIL-MCLAIN.COM](http://WWW.WEIL-MCLAIN.COM)

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



[WWW.WEISSINSTRUMENTS.COM](http://WWW.WEISSINSTRUMENTS.COM)

- Digital/Industrial Thermometers
- Pressure Gauges

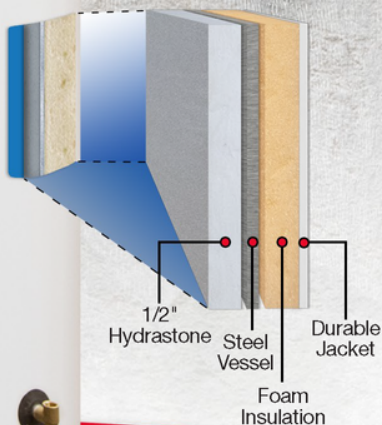


[WWW.WESTANK.COM](http://WWW.WESTANK.COM)

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



# GREAT LEADERS ARE CARVED IN STONE



## Hubbell HydraSTONE, a true LEADER

Through 3rd party analysis provided by Nationally recognized Utility Rental Programs using Hubbell Hydrastone lined tanks found over the past 60+ years an average life span of over 20+ years. In fact, the longest running tank that we are aware of has over 60 years of service and is still going strong!

- 1/2" thick Hydrastone cement is 100x thicker than glass
- Highly resistant to corrosion from harsh effects of hot water
- No sacrificial anode rod is require

Hubbell water heaters are available in electric, gas, steam and indirect.

Represented by:



Bay Associates Group | 1432 Front Ave | Lutherville, MD 21093 | P: 410.825.6616  
For More Information: Contact - Eric Geisendaffer eric@bayassociates.com

# Hubbell™

## WATER HEATERS

[hubbellheaters.com](http://hubbellheaters.com)



# Superior Reliability with the Industry's Best Warranties



Power VTX®  
500 to 1000 MBH  
225 gallon tanks



Conquest®  
199 to 1000 MBH  
100, 130 gallon tanks

PVI's Conquest and Power VTX are two of the most reliable condensing water heaters for the commercial market. With 96% efficiency, Conquest and Power VTX feature tanks and heat exchangers fabricated exclusively from AquaPLEX® duplex stainless steel, and are backed by a 15-year tank warranty (8 years full, 7 years prorated). Learn more at [pvi.com](http://pvi.com).

Represented by:  
Bay Associates Group  
[bayassociates.com](http://bayassociates.com)  
Contact: Eric Geisendaffer  
[Eric@bayassociates.com](mailto:Eric@bayassociates.com)

AquaPLEX®  
Engineered Duplex Alloy



800.784.8326 | [pvi.com](http://pvi.com)

# INDUSTRY ADS



## VIRGINIA

*Manufacturer's Representative Since 1984.*

*Celebrating Over 35 years!*



Condensing & Non-Condensing Boilers and Water Heaters for Natural Gas, Propane or Natural Gas/Propane Dual-Fuel Applications, up to 6,000 MBH.

[www.camus-hydraulics.com](http://www.camus-hydraulics.com)



Semi-Instantaneous water heater products used to generate domestic hot water using Boiler Steam or Boiler Hot water.

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



Aldrich Company serves the global market as a premier manufacturer of firetube boilers for a wide range of commercial and industrial applications. Oil and gas fired 15 PSI steam.

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



Tranter Plate and frame heat exchangers for the HVAC Commercial Market in a variety of sizes and material configurations.

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



Air Elimination Equipment, Filtration, Hydro Pneumatic Tanks, Glycol Make-Up, Hydronic Expansion Tanks, Storage Tanks, Thermal Expansion Tanks.

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



Chimney Automation Systems, Modulating Combustion Air Fans, Modulating Overdraft Dampers & On-Demand Fans for Dryers, Kitchens & Bathrooms.

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



Vertical/Horizontal Storage Tanks, Hot Water Generators, Buffer Tanks, Electric Power Water Heaters, Bladder Tanks, Powered Anode Systems, Built to order Tanks.

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



Round / Oval Breeching & Stack for Boilers, Water Heaters, Generator Exhaust & Kitchen Grease Duct. Building Supported & Freestanding, Engineered Stack Capabilities.

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



Providing dependable products to the HVAC industry. Committed to bringing the best and latest in HVAC technology from all over the world. UEP is a Stocking Master Distributor—WE HAVE STOCK

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



Single Wall, Flexible and Concentric Polypropylene flue gas venting.

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

***Virginia's boiler, water heater, and venting specialists!***

Keith Workman \* 804-350-7635 \* [keith@uepsales.com](mailto:keith@uepsales.com)

Chris Lombard \* 804-334-6844 \* [clombard@uepsales.com](mailto:clombard@uepsales.com)

**804-288-0960    [www.uepsales.com](http://www.uepsales.com)**



## INDUSTRY ADS

**CHARLOTTE**  
PIPE AND FOUNDRY COMPANY

CHARLOTTE PIPE IS PROUD TO OFFER A FULL LINE OF  
CAST IRON PIPE & FITTINGS MADE RIGHT HERE IN THE USA.

visit [www.charlottepipe.com](http://www.charlottepipe.com)

LAURA SIMONS  
Field Technical Representative  
609-816-2350 [laura.simons@charlottepipe.com](mailto:laura.simons@charlottepipe.com)



# Experience the **DIFFERENCE**



## The IPEX Advantage

As one of the world's leading manufacturer of thermoplastic pipe, valves, fittings and related products for plumbing and mechanical applications, IPEX offers a broad range of products to meet the needs of engineers, contractors and distributors in commercial, institutional, industrial and residential construction.

Endura® Grease  
Management



System 1738® & System 636®  
Flue Gas Venting



Enfield™ Electrofusion  
Acid Waste



1-800-463-9572 | [ipexna.com](http://ipexna.com)



**Mechanical  
Piping Systems**

Endura®, System 1738®, System 636® and Enfield™ are trademarks of IPEX Branding Inc.

The  
**JOYCE** AGENCY  
MANUFACTURERS REPRESENTATIVE

HIGH PERFORMANCE  
OUTSTANDING EFFICIENCY  
PROVEN RELIABILITY



**HAS YOUR COMMERCIAL  
NEEDS COVERED.**

From hotels to restaurants, office buildings to schools, commercial installations have their own set of unique challenges. Bradford White's commercial water heater and boiler line-up uses advanced technology to meet virtually every need:

- For outstanding efficiency, the popular eF Series® (now available in 119 gallon capacity)
- For fast installs with no wait to order, the ElectriFLEX™ Series Field-convertible with no UL bench needed
- For proven boiler performance, our Brute® Series boilers

See more at our website dedicated to pros like you - [bwfortheapro.com](http://bwfortheapro.com)

**FOR THE PRO**

©2019, Bradford White Corporation. All rights reserved.

[bradfordwhite.com](http://bradfordwhite.com)



# INDUSTRY ADS



## CHESAPEAKE SYSTEMS DPG MANUFACTURERS



**AIRTHERM:** Fan Coil Units and Air Handlers



**Barmesa**

**BARMESA:** Submersible Sump and Sewage Pumps, Pumps Controls



**BOCK:** Gas/Electric/Oil Water Heaters, Indirect Water Heaters, Solar/Geothermal Water Heaters, Storage Tanks



**DELTA P CARVER:** BOOSTER SYSTEMS



**HYDROTEK INTERNATIONAL:** Sensor-Operated, Automatic Faucets and Flush Valve



**LAARS:** Hydronic Boilers, Water Heaters, Storage Tanks, and Pool Heaters



**LEONARD:** Thermostatic Water Mixing Valves, Hose Station and Emergency Mixing Valves



**MIFAB:** Interceptors, Couplings, Trench Drains, Floor and Roof Drains and Accessories



**NILES STEEL TANK:** Water Storage Tanks, Buffer Tanks, Pressure Vessels, Solar Tanks



**ROOF PENETRATION HOUSING:** Rooftop Pipe Chase Housing for All Trades



**SPIROTHERM:** Air/Dirt/Hydraulic/Combination Separators, Air Scoops, Vents



**STIEBEL ELTRON:** Tankless Electric Water Heaters, Indirect and Solar Storage Tanks, Heat Pump Water Heaters, Hand Dryers, Infrared Electric Radiant Heater



**TRERICE:** Thermometers and Gauges



**UPONOR:** PEX Plumbing, Heating and Cooling, Residential Fire Protection Equipment



**WILLOUGHBY**

**WILLOUGHBY:** Stainless Steel Prison Fixtures, Solid Surface Lavatory Stations, Patient Care Units and Panel/Column Showers



**WILO:** End-suction/Base-mounted pumps, Circulators, In-line/Multistage Pumps



Scan QR Code  
for Contact Information

**3595 MAYLAND COURT  
HENRICO, VA 23233**  
**Phone: 804.379.8123 | Fax: 804.379.8435**  
**info@chesapeakesystems.com**



## PRESSURE DROP ACTIVATED TRAP SEAL PRIMER

- **3 P.S.I Pressure Drop**  
Handles low flow toilets
- **Sediment Filter**  
Replaceable
- **No Adjustments**  
Eliminates confusion  
during installation
- **4 View Holes**  
Easy inspection
- **No Precharge**  
Field repairable

## SAVE TIME AND MONEY!

### CHESAPEAKE SYSTEMS

PHONE: 800-559-2665 | INFO@CHESAPEAKESYSTEMS.COM

MIFAB'S Series of trap seal primers can be disassembled in the field. Our unique design permits filter replacement without affecting the performance of the primer.

[WWW.MIFAB.COM](http://WWW.MIFAB.COM)





## INDUSTRY ADS



**YOUR NEW BIG MAX  
GREASE INTERCEPTOR  
GOES HERE**

- H-20 LOAD RATED LID
- STRUCTURAL INTEGRITY
- PATENTED EXTENSIONS
- INDUSTRY APPROVALS

**CHESAPEAKE SYSTEMS**

800-559-2665 | [INFO@CHESAPEAKESYSTEMS.COM](mailto:INFO@CHESAPEAKESYSTEMS.COM)

**VISIT [WWW.MIFAB.COM](http://WWW.MIFAB.COM)  
FOR MORE INFO**



# INDUSTRY ADS



## BEECO® Barracuda Backflow Preventers

Since the 1940's, plumbing engineers have been specifying BEECO® backflow preventers for commercial buildings, and for over 36 years they have identified MIFAB as an innovative manufacturer of commercial plumbing products.



### Barracuda 20 & 40

#### Double Check and Reduced Pressure Backflow Preventers

- USC approved (2 1/2"-8" sizes)
- Short lay length
- Light weight
- Great flow performance



Preventing  
water contamination  
is **easier** than you  
think.

**CHESAPEAKE SYSTEMS**

800-559-2665 | [INFO@CHESAPEAKESYSTEMS.COM](mailto:INFO@CHESAPEAKESYSTEMS.COM)

[WWW.BEECOBACKFLOW.COM](http://WWW.BEECOBACKFLOW.COM)

Beeco also manufactures: Pressure Reducing Valves, Automatic Control Valves, Strainers, Gauges, Dual Check Valves, Silent Check Valves, Gate Valves and Pressure Vacuum Breakers



# Owner Satisfaction

**Specifying a quality product while accepting a VE substitution rarely equals Owner Satisfaction**

**Be certain your client is getting all they pay for by specifying:**

- Standard 5 year Warranty
- VFD's mounted in a NEMA 3r control panel with NEC 409 and current SCCR ratings.
- Built in surge protection
- ASHRAE 90.1 compliant without remote sensors or bladder tank
- Structural 304 stainless steel square tube mounting frame and suction/discharge header pipe support
- 100% witnessed wet flow testing on EVERY unit to design conditions.
- Guaranteed performance when using calQflo calculator
- iQFlo 3.0 software - The most energy efficient booster pump operating system.
- 70% redundancy per the latest ASPE sizing guide.
- Non proprietary repair parts
- Proudly made in the USA



### Your trusted partners

Authorized manufacturer representative factory trained in sales and service.



## INDUSTRY ADS

# MEET THE INDUSTRY STANDARD IN PRESSURE BOOSTING

**CAROTEK®**  
*The Power of Solutions*

(804) 279-8800  
[www.carotek.com](http://www.carotek.com)



Grundfos pressure boosting solutions are the optimal choice for water supply applications. The Grundfos Hydro MPC BoosterpaQ® is UL-listed, NSF61/NSF372 certified, and provides consistent, reliable and efficient control; whether pressure, flow, or remote measurement.

Grundfos offers a complete portfolio of products and services to the market through a number of marquee product brands.

**GRUNDFOS** 

 YEOMANS

**PACO**

 **PEERLESS  
PUMP**

 **Chicago  
PUMP**

 **KAMSTRUP**

 **MORRIS**

be  
think  
innovate

[www.grundfos.us](http://www.grundfos.us)

**GRUNDFOS** 



# 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

*CONTACT: JOSH LANDIS @ [jlandis@moseleyarchitects.com](mailto:jlandis@moseleyarchitects.com)*

# INDUSTRY OPPORTUNITIES

*If you'd like to advertise your employment opportunity here, please contact one of the list board members above.*

## BASKERVILL

### Plumbing Designer/Engineer - Richmond, VA - #EP-L34

Baskervill has an immediate need for a Plumbing Designer to Support our Plumbing Department on a variety of projects.

#### RESPONSIBILITIES

Develop construction documents (drawings, models, details, schedules, and specifications) working in Revit. Conduct site inspections/surveys to obtain key field data; reviewing RFI's and shop drawings, coordinating with other disciplines, and attending project meetings.

#### QUALIFICATIONS

- Bachelors/2-Year technical degree in Mechanical Engineering/Plumbing focus.
- CPD preferred
- 5 to 7 years of commercial experience, at least 3 in plumbing design.
- Working knowledge of plumbing code
- Exceptional communication skills to coordinate with other disciplines and function in a collaborative environment.
- Proficiency in Revit required. Other related software a plus.

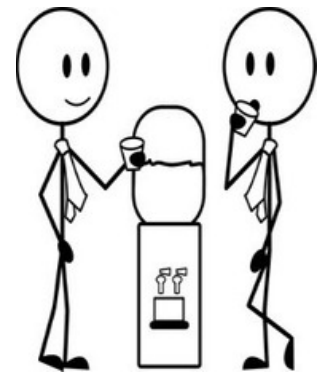
*Salary will commensurate with experience.*

Please email resume, work sample, and salary requirements and reference Job No. EP-L34 for consideration to [careers@baskervill.com](mailto:careers@baskervill.com). If you are disabled or otherwise unable to apply online please mail to: Baskervill, PO Box 400, Richmond VA, 23218.

Baskervill is an E/O/E/M/F/D/V and drug-free environment.

# 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:

### 1. What are people saying about ASPE Connect?

- "I am really impressed with the flow of knowledge on this site. Being in this business of engineering and construction for 53 years, I can say this blog is the most helpful and friendly around." — David L. Lewis, Technical & Cx Project Director, St. Louis Chapter
- "This forum is excellent, and responses are always quick and helpful." — Andrew Peter, Piping Engineer, Central Florida Chapter
- "This is a great forum and is very helpful." — Scott Jackson, PE, Senior Mechanical Engineer

Start getting answers to your design questions at [connect.aspe.org](https://connect.aspe.org)

### 2. Registration for the 2019 ASPE Tech Symposium is open!

"Maintaining Domestic Hot Water Return Temperatures Above the Growth Range of Legionella" written by John S. Lansing, CPD, LEED Green Associate, a Plumbing Designer with interface Engineering in Portland, Oregon and a member of ASPE's Portland Chapter, presents methodologies for maintaining return temperatures above a selected minimum while optimizing the temperature differential across a system. This new white paper is available for free download at <https://education.aspe.org>

### 3. ASSE publishes revised performance requirements for plumbing

ASSE 1008 applies to the plumbing aspects of residential food waste disposers designed to reduce food waste particle sizes for discharging into sanitary drainage systems, and ASSE 1053 establishes design and performance requirements for freeze-resistant dual-check backflow preventer wall hydrants.

### 4. Have you checked out our new education site yet?

We are pleased to announce the launch of [ASPE Education](https://education.aspe.org), a new platform where you can build your knowledge base and skills at your own pace, access and register for all of ASPE's education offerings, maintain your CEU database, print certificates, and more. Visit [education.aspe.org](https://education.aspe.org) to start learning.

### 5. ASPE member develops a new plumbing design calculation app

The [Plumbing Engineer's Toolkit](#), created by Ilya Aptekarev, EIT, of the Philadelphia Chapter, contains eight calculators, including a DFU calculator, storm drain sizer, and gas pipe sizer. All of the calculators reference the IPC or NSPC. The app is available for iOS devices for just \$0.99 in the Apple App Store. Questions? Contact Ilya at [iaptekarev33@gmail.com](mailto:iaptekarev33@gmail.com).

# EDUCATION STATION

ASPE has recently revamped their learning platform!! The new site is [education.aspe.org](https://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>.



## Upcoming Webinars

DATE	September 25, 2019
SUBJECT	<b>Plumbing Systems Commissioning</b> Instructor Paul E. Petrilli, PE, BCxP, LEED BD+C, of H.F. Lenz Company will help you understand the differences between start-up and commissioning, the roles of all parties in the process, and the plumbing systems that should be commissioned. By the end, you will be able to complete commissioning documentation and test requirements. Registration is open at <a href="https://education.aspe.org/products/plumbing-systems-commissioning-webinar?_zs=Mwala&amp;_zl=BPJk1">https://education.aspe.org/products/plumbing-systems-commissioning-webinar?_zs=Mwala&amp;_zl=BPJk1</a>
DATE	Now available for viewing
SUBJECT	<b>Three-Part Leadership Development Series Presented by AYP</b> Free for ASPE members, these on-demand webinars are catered to the young professional, but any engineer or designer at any stage in their career can benefit. Each webinar will increase the participant's knowledge and confidence in how to resolve conflict and seek opportunities within the situation. <a href="https://education.aspe.org/products/leadership-development-series-presented-by-aspe-young-professionals-ayp?_zs=Mwala&amp;_zl=HPJk1">https://education.aspe.org/products/leadership-development-series-presented-by-aspe-young-professionals-ayp?_zs=Mwala&amp;_zl=HPJk1</a>

These one-hour webinars award 0.1 CEUs for participating.  
Can't attend during the live presentation? Don't worry, the webinars will be archived for viewing on a later date!