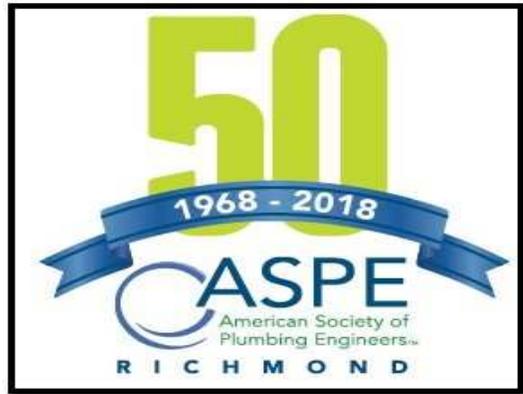




Chapters are not authorized to speak for the Society, the views and opinions of this Chapter are those of the respective authors and do not necessarily reflect the official policy or position of the Society or its staff.



August 28th, 2018 marked the Richmond ASPE Chapter's 50th Anniversary since being chartered as a chapter in 1968. The Richmond Chapter was the 5th chapter within ASPE to be chartered overall and the 1st on the East Coast!!

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SEPTEMBER MEETING

WEDNESDAY 9/12/18

TOPIC:	ADA SHOWER COMPARTMENT DESIGN
PRESENTED BY:	JOE GROTE - COMFORT DESIGNS
WHEN:	11:30 AM - 1:00 PM
WHERE:	DiFazio's Restaurant 2601 Tuckernuck Drive Richmond, VA 23294
COST:	LUNCH PROVIDED BY REPSOUTH FOR ALL ENGINEERS & DESIGNERS!

**OCTOBER MEETING: WED., 10/10/18
TOPIC: STEAM 101**



[CLICK HERE FOR ALL EVEN INFO](#)



If you have any ideas or want to see something in particular let a board member know or email the editor

PRESIDENT'S MESSAGE

2018-2019 ASPE Richmond Chapter Season

Before we start the 2018-2019 season officially, I'd like to take a moment to thank everyone who was able to make it out for our Annual Golf Tournament. We had a great turnout and phenomenal weather for late August. I'd also like to thank those who have already expressed interest in Tabletop and Newsletter advertisements. We've completely booked our 2018-2019 season meetings already! If you, or anyone you know, is interested in advertisement options and/or placing want ads in the ASPE-Richmond Newsletter, please feel free to reach out.

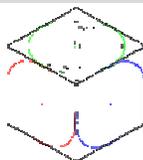


Our meetings this season will continue to be held at DiFazio's Restaurant from 11:30am-1:00pm on the second Wednesday of each month. Please spread the word and sign-up early so we can continue to get accurate head counts. We will have one month this season where we will have our meeting at an alternative location (November 14th at Mekong, same time) due to scheduling conflicts at DiFazio's.

Please feel free to provide comments, feedback, or recommendations. I look forward to hearing from you all and hope to grow our chapter by actively reaching out, supporting, and mentoring those who will ultimately take our industry to new heights.

Joshua H. Landis, CPD
President, ASPE Richmond Chapter

VP TECHNICAL - Jeff Bew



We have secured presentations for every meeting this season! That may be a first this early on. Check out the line-up below for details. Many of these meetings also include free lunch to all engineers and designers!! We look forward to seeing everyone.

2018/19 Line-Up:	Oct. 10th:	Sewage, Effluent and Sump Pumps - Mike Carfagno, Liberty Pumps
	Nov. 14th:	Legionella Facts and Engineered Solutions – Craig Boyce, Kemper AIP Metals
	Dec. 12 th :	Mixed Systems – Michael Segala,
	Jan. 9th, 2019:	Grease Interceptor Sizing & Applications – Joe Werner/Adam Hemminger, Highland Tank
	Feb. 13 th :	Trench Drain Uses, Sizing, Selection & Specs – Wes Bonafe, Newmark Corp
	Mar. 13 th :	2015 IPC Code Update Training – Skip Harper, VPMIA
	Apr. 10 th :	Thermoplastic Valves, Actuation, etc. - Ryan Boykin, Bradley-Hughes
	May 8 th :	Steam 101 - Steve Cooper/Roger Shultz, Carotek



Hello members! Since our last meeting in May a new web link has been created for members.

For new information on member benefits go to <https://sites.google.com/site/membershipcouncil/tips-tricks/member-benefit-tips>

Have you heard about the New Committee forming to push for Professional Engineering License for Plumbing?

I would like to form a small committee to help in pushing for state recognition of a professional engineering license for plumbing. I understand we've gone down this road before a few times with little progress or success, but momentum is building again nationally, so we need to take advantage of that.

From our national VP Membership, Vincent Falkowski aspevpm@gmail.com
Chapter Presidents & VPM's

It's important to build awareness that ASPE is seeking the inclusion of a Plumbing option within the Mechanical Engineering licensure examination. Without state endorsement of the need for this exam, the National Council of Examination for Engineers and Surveyors (NCEES) will not be able to get us to the next step in licensure for plumbing engineers, for our members.

ASPE Staff built the working group an area in the members-only section of the website at <https://aspe.org/pewc> to keep you informed and to provide templates to contact the state boards. You must be logged in to view the content.

*It's important for your **licensed members** to use the template provided or a similar one to contact your State Board to ask for this consideration. If you or a member is unsure of the need for this exam it is vital that they contact someone on the working group to discuss the details.*

https://aspe.org/sites/default/files/webfm/PEWG/Plumbing_PE_template.pdf

Licensure changed my life and without it, I would not have had the opportunities that have shaped my career. I wish the option to seek licensure to be one that every member of ASPE can elect to pursue.

Please contact me if you're interested in helping with this committee.

rgrubbs@syska.com

Also, we're continuing with **Getting to Know our Members!**

Check out the birthdays & anniversaries that occurred during the break, and upcoming ones....

BIRTHDAYS

Brandon Cash	June 4	Steve Cooper	July 1	Darryl Lawson	Aug. 18	John Cain	Sept. 7
Paul Greenberg	June 4	David Moore	July 6	Christopher White	Aug. 19	Istvan Martis	Sept. 11
Chris Tanner	June 13	Lars Frost	July 7			Brandon Tanner	Sept. 14
Ryan Boykin	June 15	Rob Grubbs	July 7			Kim Griffin	Sept. 25
David Hanson	June 15	Mike McCarthy	July 16				
Brandol Bradshaw	June 19						
Michael Murphy	June 23						

ANNIVERSARIES

Ira Leary	June 5	Ryan Boykin	July 5	Jim McCollum	Aug. 4	Gena Claudel	Sept. 2
Joseph Scerbo	June 22	Charlie Hockett	July 25	Randy Lowery	Aug. 17		
Kyle Jenkins	June 26	Tina Capece	July 31	Istvan Martis	Aug. 20		
				Darryl Lawson	Aug. 21		
				Wes Bonafe	Aug. 22		

- ➡ **WHAT IS ASPE?**
- ➡ **DO YOU KNOW WHAT THE ORGANIZATION DOES?**
- ➡ **DID YOU KNOW IT WAS FOUNDED IN 1964 AND HAS OVER 6300 MEMBERS WORLDWIDE?**

Check out the next page for answers to these questions along with other interesting facts via the InfoGraphic!

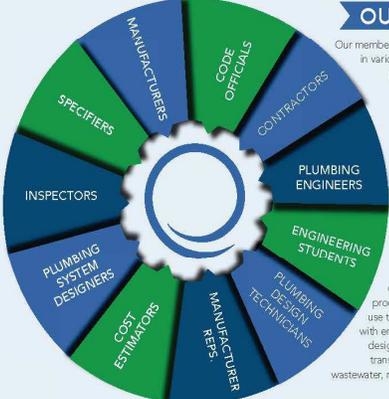
What is ASPE?

The **AMERICAN SOCIETY OF PLUMBING ENGINEERS (ASPE)** is the only organization dedicated to promoting the plumbing engineering profession to both enhance career opportunities for our members and ensure the health, safety, and well-being of the public through the design of safe plumbing, drinking water, and sanitation systems.

WHAT WE DO

-  **Provide** continuing professional education programs
-  **Publish** design manuals, tools, and standards
-  **Host** conferences, tradeshow, and networking events
-  **Certify** professionals skilled in plumbing system design
-  **Promote** safe and sustainable water and sanitation systems
-  **Represent** the industry in local and national government
-  **Help** develop safe plumbing and building codes and standards

OUR MEMBERS



Our members are individuals working in various professions related to plumbing system design.

What is Plumbing Engineering?

Plumbing engineering is a vital part of the design/build construction process. Plumbing engineers use the principles of fluid flow with engineering calculations to design plumbing systems that transport fluids such as water, wastewater, natural gas, and rainwater throughout buildings.

BY THE NUMBERS

-  Founded in **1964**
-  Number of Members Worldwide **6,300+**
-  **12** Elected Board Positions
-  **61** Local Chapters
-  **20+** Technical Publications
-  **2** Special-Interest Groups for Young Professionals and Women
-  **3** Professional Certification Programs
-  **12** Staff Members

INDUSTRY PARTNERS

To achieve our goals, ASPE collaborates with the following organizations:

American Backflow Prevention Association	National Institute of Building Sciences
ARCSA	NSF International
ASHRAE	Plumbing Efficiency Research Coalition
ASPE International	Plumbing Industry Leadership Coalition
Canadian Institute of Plumbing & Heating	Plumbing Manufacturers International
CSA Group	United Association
IAPMO	Water Quality Association
International Code Council	World Plumbing Council

HOW YOU CAN GET INVOLVED

Our Chapters host monthly meetings, golf outings, tradeshow, seminars, picnics, baseball outings, and more fun networking events to help local professionals connect.



To contact the Chapter in your area:

aspe.org/regions

To join ASPE:

aspe.org/join

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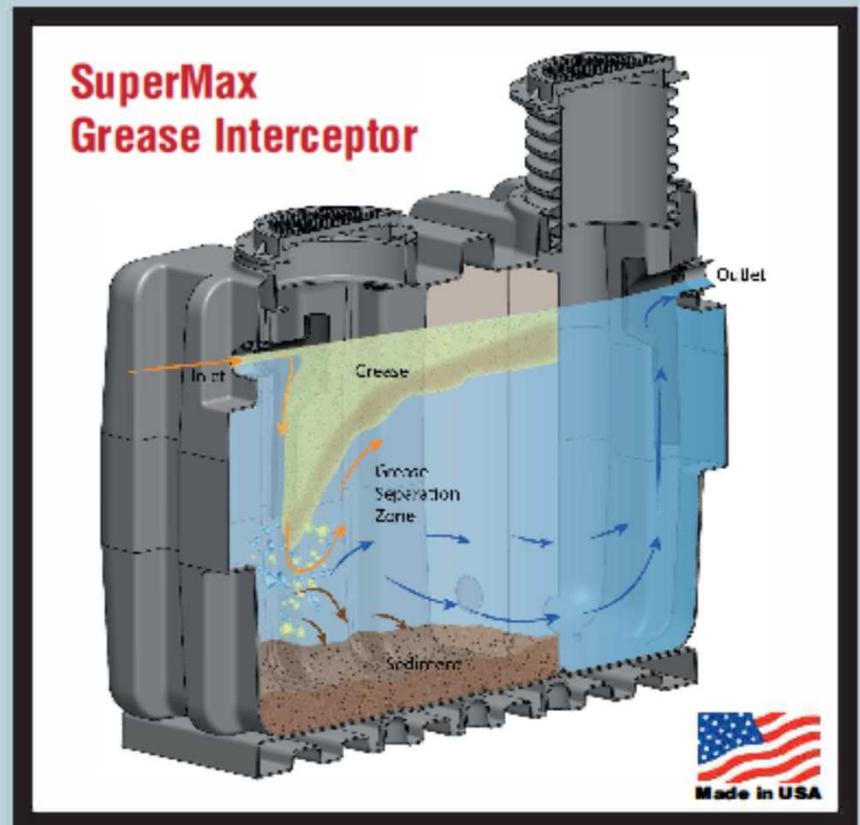


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Is it steel, concrete, fiberglass, or HDPE?

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- The EPA says there are **over 40,000 sanitary sewer overflows** a year.
- According to the Water Environment Research Foundation (Alexandria, VA, USA), a **low PH level below 5 begins deteriorating concrete and fiberglass within a week of operation.**



Corroded Concrete



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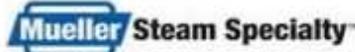
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Newsletter and Webpage Advertisement COSTS

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 Tabletops

Per Meeting

ASPE Member	\$80
Non Member	\$100

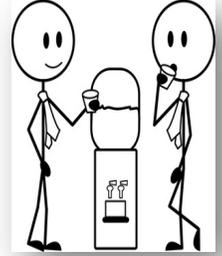
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[CONTACT JOSH LANDIS @ jlandis@moseleyarchitects.com](mailto:jlandis@moseleyarchitects.com)

TALK AROUND THE WATER COOLER....

Check-out these sites for interesting and educational topics & tools so you can stay in 'the know'!



ASPE PIPELINE <https://aspe.org/Pipeline>

Some recent excerpts:

➔ Registration is open for the 2018 CPDT exam

ASPE developed the Certified Plumbing Design Technician program to provide professional recognition of qualified individuals who design plumbing systems but who do not yet have the experience required for the Certified in Plumbing Design (CPD) credential.

The 2018 CPDT exam dates are October 25 and 26, and registration is available at aspe.org/CPDT-exam

➔ ARCSA invites ASPE members to its 2018 Annual Conference activities

The American Rainwater Catchment Systems Association (ARCSA) is co-locating its 2018 Conference with the ASPE Convention & Expo in Atlanta and will be offering their two-day rainwater harvesting workshop, which satisfies the prerequisite for the ASSE Series 21120 Rainwater Catchment Systems Designer Certification exam, as well as expert presentations on innovative water management topics.

To learn more about the program and to register visit [ARCSA Conference website](https://arcsa.org/conference)

➔ Did you miss our webinar on CPVC piping systems? It's now available in our archives

This one-hour webinar offers a comprehensive discussion of the capabilities of CPVC piping systems used for potable water distribution. Even if you missed the live version you can still earn 0.1 CEUs for watching the webinar at aspe.org/cpvcwebinar. Thanks to IPEX AquaRise, ASPE members can view it for free.

➔ Updated Legionella prevention standard is now available [More>>](#)

The 2018 version of ANSI/ASHRAE Standard 188: *Legionellosis: Risk Management for Building Water Systems* clarifies compliance requirements and updates enforceable, code-intended language to facilitate adoption of the standard for code and regulatory purposes.

➔ Save the date: 2019 CPD exam has been announced

The next Certified in Plumbing Design (CPD) exam will be held on April 4 and 5, 2019 at testing sites around the world, and registration will open on December 1. To learn more, visit aspe.org/CPDExam

➔ Construction spending is projected to grow 4.7 percent this year

However, future growth may be negatively impacted by economic factors such as an aging workforce, rising interest rates, and rising inflation in building costs, according to latest [AIA Consensus Construction Forecast](#)

➔ PMI CEO testifies on proposed Section 301 tariffs [More>>](#)

Dozens of plumbing-related products and components would be impacted by the tariffs of up to 25 percent on products imported from China, which if implemented would result in significant supply chain disruptions and increased costs, according to Plumbing Manufacturers International.

EDUCATION STATION

<https://aspe.org/EducationalProgramsTools>



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

Some examples:

Webinars - Live, interactive one hour long technical educational programs you can view without leaving your desk and archived for 24/7 access

Online Education - ASPE E-Learning courses are one-hour-long PowerPoint presentations developed by your peers in the industry, and designed to help increase your knowledge or earn CEU/PDH credits. Topics range from basic training for plumbing engineers and designers to the latest in new technologies.

Read Learn Earn - Click on any link to find the latest CE article and exam. Download the article you wish to read with the accompanying test at the end, then submit your answers online! This process will require approximately one hour.

Workshops - Start the year off right with new skills! ASPE workshops are an excellent way to earn CEUs and boost your career potential. Go to aspe.org/workshops for registration details