



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.

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JANUARY 2018

<http://richmond.aspe.org/>

<http://www.aspe-plumbing.org/>

FEBRUARY MEETING

WEDNESDAY 2/14/18

TOPIC:	FIRESTOP 101: A MATTER OF LIFE SAFETY
PRESENTED BY:	JARED GARDINER - HILTI NORTH AMERICA
WHEN:	11:30 AM - 1:00 PM
WHERE:	DiFazio's Restaurant 2601 Tuckernuck Drive Richmond, VA 23294
COST:	\$20.00

REMINDERS.....

March Revit Workshops aspe.org/revit2018

The popular, hands-on workshop on Revit MEP will be held in Detroit on March 2 and Denver on March 9. To save \$50 off the registration fee, be sure to register by February 9.

A special deal for nonmembers combines the workshop fee with a one-year ASPE membership.

You can sign up for it [here](#)

Legionella 2018 in Baltimore on May 9-11

This symposium presented by NSF International will feature experts on the latest monitoring, preventive, and mitigation treatment technologies and provide essential information for plumbing industry professionals, water suppliers, and public health authorities.

[More>>](#)

GREETINGS FROM THE BOARD

PRESIDENT'S MESSAGE

2017-2018 ASPE Richmond Chapter Season

January 2018

On August 28, 1968 the Richmond Chapter of ASPE was chartered making it the 5th chartered chapter and the **1st** chapter on the East Coast. This August 2018 will mark the ASPE Richmond Chapter's 50th Anniversary! We would like to put some ideas together on way of celebrating this milestone of our chapter's history. If you have any ideas that you think would be good for this please don't hesitate to let us know. Thank you all for being a part of this wonderful chapter and it's continued success!

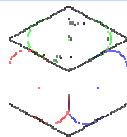
Please feel free to provide comments, feedback or recommendations. I look forward to hearing from you all and hope to grow our chapter by actively reaching out, supporting, and mentoring those who will ultimately take our industry to new heights.

Joshua H. Landis, CPD

President, ASPE Richmond Chapter

VP TECHNICAL

Jeff Bew



Check out the line-up for the coming season. Lots of interesting & educational content coming your way!

3/14/18	Fire Pump Testing and Installation (Joint SFPE meeting)	Bill Jones - via SFPE
4/11/18	USBC Provisions & Overview	Skip Harper - VPMIA
5/7/18	Joint ASHRAE Meeting-Westwood	TBD

VP MEMBERSHIP

Rob Grubbs



GETTING TO KNOW OUR MEMBERS...

January Birthdays:

Lawrence Knight	9th
Dave Dahl	12th
Gena Claudel	18th
Joseph Scerbo	18th
Kevin Sherlock	23rd
Michael Stover	29th
Steve Lyons	31st

January Anniversaries:

Charles Martin
David Hanson
Randall Merkel
Frances Franklin

Member Since

1998
2010
2013
2017

The ASPE Mentoring Program is in need of the following:

* We have three mentees looking to be mentored in AYP and CPDT

* We have seven mentors that are looking to provide their time and dedication to mentor anyone in the areas of WOA, CPD and GPD.

If you are aware of any members that are looking to be a mentor or mentee in the areas listed above, please have them contact Stacey Kidd at skidd@aspe.org

The Professional Licensure Working Group has been working diligently for a long time and we need the help of the Chapters and their licensed Professional Engineers (PE). 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/pewg> 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 https://aspe.org/sites/default/files/webfm/PEWG/Plumbing_PE_template.pdf 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.

Members can contact me if they're interested in helping out

We are always in need of new membership, which benefits us all. We would also ask everyone to encourage your colleagues to join or attend meetings.

You can go to this link to get your application started:

<https://aspe.org/content/join-aspe>

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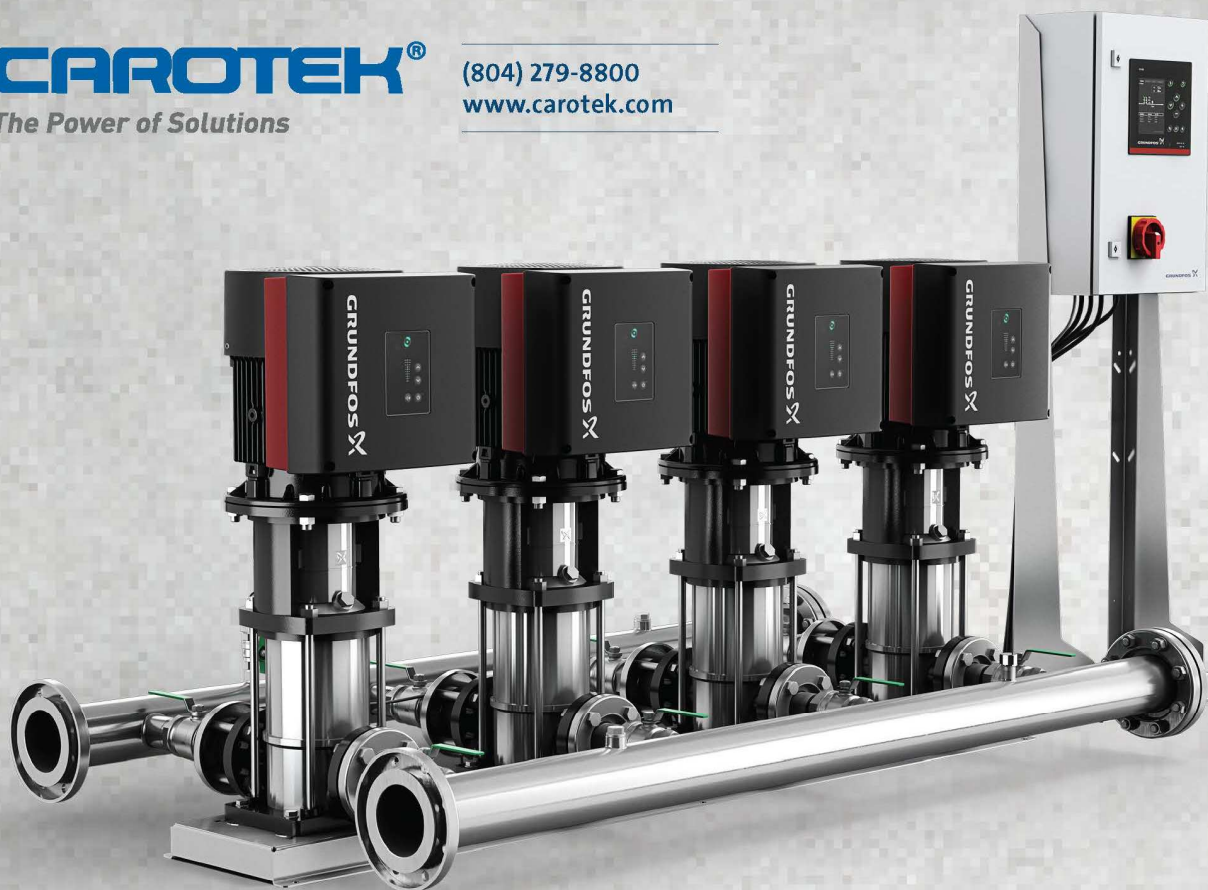
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acredited testing agencies to CISPI 301, ASTM
A-888, & A-74.

**“If you don’t embrace change, You’re gonna hate being
irrelevant”**

Cast Iron Soil Pipe Specification

- A. General: Pipe and fittings shall meet or exceed the latest editions of the following standards
 - a. Cast Iron Pipe, Hubless: ASTM A888 or CISPI 301
 - b. Cast Iron Couplings, Hubless: ASTM C1277, ASTM C1540 or CISPI 310
 - c. Cast Iron Pipe, Hub and Spigot: ASTM A74
 - d. Cast Iron Pipe, Hub and Spigot Gaskets: ASTM C564
- B. Cast Iron Soil Pipe Markings: All cast iron soil pipe shall be clearly marked with the manufacturer’s name, country of origin, eight-digit date code, pipe diameter and length, relevant ASTM standard and registered trademark of the third party certifier. Third party certifier shall be IAPMO, ICC, NSF or other organization that is accredited as an ANSI - Guide 65 organization. See www.ansi.org.
- C. Material Test Reports: Supplier of cast iron soil pipe and fittings shall be able to provide material test reports in accordance with the relevant ASTM standards and shall include testing and analysis on: radioactivity, dimensional characteristics, tensile strength and chemical/metallurgical content. Suppliers shall also provide MSDS on all coatings.

WWW.OTTOSALES.COM

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AIRTHERM: Fan Coil Units and Air Handlers



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Barmesa

BARMESA: Submersible Sump and Sewage Pumps, Pumps Controls



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



FROET: Specialty Bi-Functional Roof Drain Products and Flow Sensors



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



JOMAR: Unique Valve Solutions, Plumbing, HVAC, Industrial, Utility and Process Applications



JUST: Stainless Steel Commercial, Institutional, and Culinary Sinks, Faucets and Accessories.



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



LEONARD: Thermostatic Water Mixing Valves, Hose Stations, and Emergency Equipment



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



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MAXIMUM WORKING TEMPERATURE OF CAST IRON SOIL PIPE IS 212° F

by Laura Simons

During the ASPE Blue Ridge chapter's monthly meeting on November 14th the speaker reported that bituminous asphalt coatings, which are used to coat cast iron soil pipe, have a maximum working temperature of 135 degrees Fahrenheit.

The speaker reported that once this temperature is exceeded, the coatings will break down and clog the pipe. I've been asked to provide information from the SDS on the maximum working temperature of the bituminous asphalt coating.

I did not speak at the time because I wanted to research the topic and provide accurate information.

Here are the facts:

- The initial boiling point is 800 degrees Fahrenheit
- The flash point is 540 degrees Fahrenheit
- The auto-ignition temperature is 600 degrees Fahrenheit

Additionally, the coating is applied at the foundry at a temperature of 350 degrees Fahrenheit. This information can be verified on the SDS, located at http://www.charlottepipe.com/material_safety_data_sheets.aspx

Charlotte Pipe and Foundry proudly produces the highest quality cast iron, PVC, ABS and CPVC pipe and fittings systems in our seven plants. All of our products are made in America. We strive to provide the industry with the most current and accurate information. Please contact me if I can be of assistance.

Laura Simons is a Field Technical Representative for Charlotte Pipe and Foundry Company. She can be reached at 609.816.2350 or Laura.simons@charlottepipe.com.

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INDUSTRY OPPORTUNITIES

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

ADVERTISE WITH YOUR LOCAL CHAPTER

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

Per Year (8-9 Meetings)

ASPE Member	\$450
Non Member	\$550

[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>

Women of ASPE

<https://www.aspe.org/WOA>

New download assists in researching code changes

[Complete Revision History to the 2018 I-Codes: Successful Changes and Public Comments](#)

collects all of the changes that occurred in the 2018 International Building, Residential, Fire, Plumbing, Mechanical, Energy Conservation, and Existing Building Codes, including the original proposals, committee actions, and final actions

Water agencies release resources on onsite nonpotable water systems

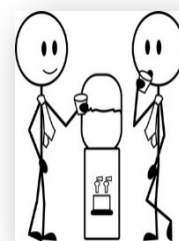
The National Blue Ribbon Commission for Onsite Nonpotable Water Systems has published a new set of resources for developing and implementing regulations for water systems that collect, treat, and reuse nonpotable water.

[More>>](#)

New Water Demand Calculator for residential buildings is available

This tool from IAPMO will help size systems consistent with the lower flow rates and consumption values from water-efficient plumbing fixtures and appliances.

[More>>](#)





<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