

2025 CHAPTER SPONSORS

Volume 25, Issue 09

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President's Message



Curtis Ray, Jr., CPD, FASPE

Last month we held our annual golf outing, and it was a huge success, 92 golfers and a record number of hole sponsors. A huge thanks to our chair, Tim Collins and all the other helpers to make it a fantastic day. A special thanks to Ethan Grabill of Commercial Products for donating back to the chapter his winnings from the putting contest.

We only have 2 more meetings until we take a break for the summer. Your board of directors will be meeting in July to hold our annual planning meeting for the upcoming year, 2025-2026. If any of you have any ideas that you would like to see implemented within our chapter, please contact anyone of our board members.

Next month Todd and I will be traveling to Raleigh for the Region 3 Presidents meeting. This is always a good time we leaders from the chapters within our region meet and discuss ideas.

See you at the next meeting.

A handwritten signature in black ink, appearing to read 'Curtis Ray'.

Curtis Ray, CPD, FASPE



Register NOW!



aspe.org/2025-aspe-tech-symposium

Join Us in Orlando!

The 2025 ASPE Tech Symposium is a 2.5-day conference being held at the Rosen Centre Hotel in Orlando, Florida. This is a premier opportunity for plumbing engineers and designers at all career levels to engage in productive technical exchanges and networking.

At the ASPE Tech Symposium, you can choose from a variety of professional development sessions in several tracks to customize your learning experience. The sessions are designed to teach you how to integrate the most current design techniques into your projects, with hands-on calculation and application examples.

To further immerse you in the latest engineering innovations, a Product Show will be running from Thursday afternoon to Friday morning. The industry's top manufacturers will be showcasing their newest products and teaching you how to apply them in your plumbing system designs.

September 24–28
Rosen Centre Hotel
Orlando, Florida



V.P. Technical



Todd Rebhahn, CPD

MAY'S TECHNICAL MEETING

Tuesday, May 13, 2025

**Location: Sheraton Tampa Brandon Hotel
10221 Princess Palm Avenue, Tampa, FL 33610**

CORROSIVE WASTE DRAINAGE SYSTEMS AND PLENUM CONSIDERATIONS

Sheraton Tampa Brandon Hotel
10221 Princess Palm Ave, Tampa, FL 33610

4:30-5:30pm Happy Hour & Tabletop Presentation
5:30-6:00pm Business Meeting
6:00-6:30 Dinner
6:30-7:30pm Technical Presentation

Register on our website:

<https://wcf-aspe.com/meetinginfo.php>

\$35.00 for ASPE Members

\$40.00 for Non-ASPE members

Presenter: Alexandra Peters, Account Manager High Performance Polymers - Arkema

Alexandra Peters is an Account Manager with Arkema Inc. of King of Prussia, Pennsylvania. She received her B.S. in chemical engineering from Villanova University and is currently pursuing her MBA at Johns Hopkins University. At Arkema, her focuses are in Kynar® PVDF end-use applications and standards. She is also an active member of ASTM and the ASME B31.3 Process Piping and Bioprocessing Equipment (BPE) committees.

Description:

- This presentation will cover a variety of materials of construction that have been used in the plenum space, speaking on the advantages and limitations of each. Discussion will be held around the chemical makeup of the materials and where certain MOCs may be better suited than others, with a focus on the only plenum rated thermoplastic piping, PVDF. We will then finish with discussing the ASTM E84 standard, testing methods, and why it is such an important standard in the plenum waste drainage space.



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Brian Carrier

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- Access to earn [continuing education units](#) (CEUs)
- Technical [books and manuals](#) specific to the profession of plumbing engineering
- Professional certification / recertification
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- Alfred Steele [Scholarship Program](#)
- Local chapter affiliation
- Monthly chapter meetings and technical seminar opportunities
- Networking opportunities with plumbing engineers worldwide
- Leadership opportunities (national and chapter boards of directors and committees)

More Reasons to Belong to ASPE...

- Professional isolation leads to stagnation
- Build a better résumé
- Be a leader
- Be a mentor
- Enhance your network and make new friends
- Take your profession and career seriously
- Broaden your knowledge
- Give back to your profession and the community
- Stay current with changing standards and technologies

We appreciate all of our West Coast Florida ASPE members for their support during this year. At the end of April we had 84 active members.

The birthdays for May are as follows:

Daniel Duduka	05/06
Gregor Gramlich P.E.	05/08
Harry W. Portellos P.E.	05/09
Tim H. Collins CPD	05/11
Eric D. Eldridge PE, BCxP, LEED BD+C, CPD	05/01
Rich B. Grimes	05/15
Vince Kovach	05/15
Melanie Saposnik	05/20
Simon T. Whitton	05/21.

The anniversaries for May are as follows:

Anthony L. DeDionisio	3 Years
Erik Negron	New Member
Peter N. Pastore	1 Year
Cliff Temple	1 Year
Connor J. LaVoy	3 Years
Richard B Little Jr.	18 Years

Brian S. Carrier
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Peter Pastore, III

Upcoming Changes to Water Heater Efficiency Standards in the United States

The U.S. Department of Energy (DOE) is set to implement significant changes to water heater efficiency standards, aiming to reduce energy consumption, lower utility bills, and minimize environmental impact. These updates, which will take effect in 2029, represent a major step forward in the nation's efforts to promote energy efficiency and sustainability.

What Are the Changes?

The new standards will require most electric storage water heaters with a capacity greater than 35 gallons to incorporate heat pump technology. This shift is expected to dramatically improve energy efficiency compared to traditional electric resistance water heaters. Similarly, gas-fired water heaters will need to meet higher efficiency benchmarks through advancements like condensing technology.

Why Are These Changes Important?

Water heating accounts for approximately 13% of residential energy use in the United States. By adopting these new standards, the DOE estimates that American households could collectively save billions of dollars annually on energy bills. Over the next 30 years, these changes are projected to save consumers nearly \$200 billion and reduce greenhouse gas emissions by over 500 million metric tons.

Impact on Consumers and Industry

For consumers, the transition to more efficient water heaters means lower utility costs and a reduced carbon footprint. While the upfront cost of these advanced water heaters may be higher, the long-term savings on energy bills are expected to outweigh the initial investment. For manufacturers, the new standards will drive innovation and the adoption of cutting-edge technologies, ensuring compliance with the DOE's regulations.

Looking Ahead

These changes align with broader efforts to combat climate change and promote energy efficiency across various sectors. As the 2029 compliance deadline approaches, consumers and industry stakeholders alike will need to prepare for the transition to these more sustainable water heating solutions.

The upcoming standards underscore the importance of energy-efficient technologies in creating a more sustainable future. By embracing these changes, the United States takes another step toward reducing energy waste and protecting the environment for generations to come.



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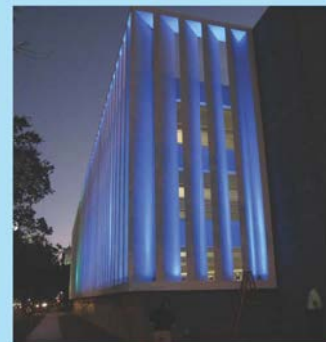
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When you join ASPE, you become part of a worldwide family of plumbing engineering and design professionals and gain immediate access to their combined technical knowledge and industry support. ASPE members are leaders in the plumbing engineering industry, and joining their ranks offers invaluable networking and career-advancement opportunities. Our members benefit from ASPE's international exposure, and our involvement in national and local legislative initiatives helps strongly convey the important role of plumbing engineers and designers in the construction industry.

In addition to sharing professional knowledge, ASPE members also like to have fun. Local ASPE Chapters and special-interest groups such as ASPE Young Professionals and Women of ASPE host social networking events throughout the year. With more than 6,300 ASPE members, a fellow professional is never far away.

Advertising Rates

Inexpensive advertising is available in the West Coast Florida newsletter. These rates are good for one year (10 issues minimum).

Rates are as follows:

Full Page	\$300.00
1/2 Page	\$175.00
1/4 Page	\$100.00
Business Card	\$75.00
Monthly Insert	\$150.00 (per issue)

Should you need more information or are interested in placing an advertisement, contact Curtis Ray at president@wcf-aspe.com

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