



October 2025 Volume 45 Issue 2

Chapters are not authorized to speak for the Society

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AMERICAN SOCIETY OF
PLUMBING ENGINEERS
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October CHAPTER MEETING

Date: TUESDAY, October 14, 2025

Location: Countryside YMCA
1699 Deerfield Rd
Lebanon, OH 45036
Tel 513.932.1424

Cost: \$20 online

Schedule: 11:30PM-1:30PM

Vacuum System Design

Reservations: Make a reservation and pay for the meeting
through the Chapter Website or email Bill Berger
at bill.berger@kohler.com or John Fox at
jfox@mwspec.com before noon on MONDAY,
September 8th, so that a head count can be
established. As always, guests are welcome.

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.

LOOKING AHEAD

Chapter Meetings to be held at Countryside YMCA,
Lebanon, OH unless noted otherwise.

Disney McLane Wet Lab Hands On Training – November 7, 2025
Water Treatment Systems – November 11, 2025
Fire Pump Design Practices – December 9, 2025

The ASPE Newsletter is published by the Southwestern Ohio Chapter of the American Society
of Plumbing Engineers. Opinions expressed herein are those of the authors and do not
necessarily reflect the views of the Society, the Chapter or the Editor.

## Presidential prose...



Well, we all made it through the September meeting together. Thanks for sticking with us as we pivoted during the meeting to complete the CEU requirements and make the time out your day worthwhile. We have double checked our speakers for the remainder of this calendar year and it's full steam ahead!

The Kentucky Bluegrass satellite chapter will sign their Charter on November 11<sup>th</sup>. I encourage any affiliate members who have territory in Kentucky to carry dual memberships for both Southwest Ohio and Kentucky Bluegrass. Please see VP membership, Brian Selander, for how to add multiple chapter affiliations to your membership.

In November we are having additional training beyond our usual monthly meeting. We will be meeting at the Disney-McLane Wet Lab for hands on experience with backflow preventers, pressure reducing valves, pumps, and more. You'll take away a deeper understanding of just how your designs come to life in the field.

We have the entirety of our educational meetings planned out through January. These are all on our website, [southwesternohioaspe.org](http://southwesternohioaspe.org), for your planning purposes. Meetings are all currently scheduled to be held at our usual time of noon at the Countryside YMCA in Lebanon.

Lastly, a big THANK YOU to all of our members as we were presented the

Membership Retention Award at the Symposium in Orlando. Only a few Chapters were presented with this award and it's all thanks to our membership sticking with us. As Red Green would say "I'm pulling for ya, we're all in this together."

### Upcoming Events:

Vacuum System Design – October 14, 2025

Disney McLane Wet Lab Hands On Training – November 7, 2025

Water Treatment Systems – November 11, 2025

Fire Pump Design Practices – December 9, 2025

Thanks for being here, we like having you.

– **Andrew Hemmelgarn**  
**President**

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MANUFACTURERS' REPRESENTATIVES OF THE HIGHEST QUALITY PLUMBING AND SPECIALTY BUILDING PRODUCTS


## Technically Speaking...



### Technically Speaking

October

I'd like to formally apologize for the lack of a prepared course for September. There was a miscommunication which resulted not having a presenter. I'm even more sorry that I wasn't there in person to apologize, due to a last-minute site visit. But luckily I'll be there for October's meeting, and I can hear everyone's thoughts on the matter.

As for the course in October, Geoff Homan with Isaacs Fluid Power will be giving us a rundown of vacuum system design. If you've ever experienced vacuum systems, considered utilizing them, or are just curious with how they operate, this is a good starting point.

Cheers,

**– James Fiorini  
VP, Technical**

The Southwestern Ohio Chapter would like to wish a

*Happy Birthday*

to the following members celebrating their birthday this month:

**David Dexter, Sean Duffy, Michael Heaton and Daniel Ross**

And the Chapter would like to wish a

*Happy Anniversary*

to the following members commemorating their ASPE anniversary this month

:

**Regina Condy, Jon Hall and Paul Rice**

**Learn more about our group!**

AYP is dedicated to the needs of plumbing designers 35 years old and younger. Your local ASPE Chapters have been busy organizing exciting opportunities to help you excel in your career:

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For more info visit: [aspe.org/ayp](http://aspe.org/ayp)

## Legislative lingo...



### 2025 Ohio Fire Code Updates soon

As I write this, the 2025 OFC (2021 IFC) is in review with the state. It is in the **Joint Committee on Agency Rule Review (JCARR)**, which is the final stage of the formal rule update process. A couple notable changes below with a link to explore changes proposed.

Fuel oil storage is increased to 1,320 gallons if the building is sprinklered and the tank is listed to UL 142. Requirements for fuel-oil tanks are enhanced with specific standards for tank design, a correlating reference to the mechanical code and additional protection when tanks in a building exceed 660 gallons.

Additional requirements have been added for automatic sprinkler system riser rooms and fire pump rooms.

Open parking garages are required to be equipped with an automatic sprinkler system when the fire area exceeds 48,000 square feet.

<https://com.ohio.gov/divisions-and-programs/state-fire-marshal/code-enforcement/ohio-fire-code/2025-proposed-ohio-fire-code-update>

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Looking to stay in touch  
with the Chapter



[www.southwestern-ohio.aspe.org](http://www.southwestern-ohio.aspe.org)

## Membership musings...



We had a great turn out for our last meeting. A special thanks to Bill Berger for his presentation and the update from Ron Bartley on the latest developments and progress with making a specific Professional Engineer's Examination for Plumbing Engineers.



Our next chapter event is Tuesday, October 14<sup>th</sup> on Vacuum System from 12-1pm at Countryside YMCA in Lebanon.

Shortly after our October Meeting we will have a special wet lab meeting at Disney McLane on November 7<sup>th</sup> from 2-3:30 pm. Getting to see real life equipment in action is always a great experience, I'm really looking forward to this.

We've had another month of many renewals, and we'd like to acknowledge these folks for their continued support to our local chapter: Vivian Garmann, Doug Gregory, Jon Hall, Derek Koogler, Pat Murphy, Kamden Rottgen, Ryan Voss and David Wolfe. Thank you all!

We'd also like to offer a warm welcome to our newest members Nathan Scheffer and Jessica Edington. We hope to see you both at our next meeting.

Our total membership is at 106 members made of 59 Full members, 15 Associate members, 29 Affiliate members, 2 Life members, and 1 Retired member.

Total Membership		
	Sept. 24	Sept. 25
Buffalo-Niagara	42	45
Central Indiana	132	133
Central Ohio	110	128
Cleveland	97	100
Eastern Michigan	111	119
Johnstown	30	38
<b>Kentucky Bluegrass</b>	32	38
Pittsburgh	97	107
Rochester	85	82
Southwest Indiana	38	38
<b>Southwestern Ohio</b>	108	106
Toronto	105	116
Western Michigan	87	99
<b>Region 2 Total:</b>	<b>1,074</b>	<b>1,149</b>

Thanks,

**– Brian Selander  
VP, Membership**

# PLUMBING SYSTEMS: COMMERCIAL IRONHEART PR

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## QUALITY CONTROL AND TESTING!

SyncroFlo's quality control program is on the leading edge of technology for our industry. Each system is tracked at all stages of manufacturing, assembly, and testing with web based reporting via hand held devices. All welding is performed by AWS or ASME qualified welders. Once manufacturing and assembly are complete, the system is connected to our NIST calibrated test rig. We then hydrostatically test and flow test from zero to 100% of design and under specified suction and net delivery pressures. Once on site, your only surprise is how easy the system is to startup and commission.



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Through the pipes...

## **Top Three Reasons You Should Attend ASPE's MedGas Workshop in Chicago**

The next in-person [ASPE MedGas Workshop](#) will be held at ASPE's headquarters in Rosemont, Illinois, on November 13–16, hosted by MediTrac.

ASPE's MedGas Workshop is based on the parameters outlined in ASSE 6060, the professional qualification standard that sets forth the training requirements for designers who wish to earn the ASSE 6060 certification. NFPA 99-2024 requires the ASSE 6060 certification for medical gas system designs, so you should get certified now so you are ready when your jurisdiction adopts this edition of the code.

### **Top Three Reasons to Attend ASPE's MedGas Workshop**

1. The 32 hours of ASSE 6060 training, plus 1.2 CEUs, that ASPE's MedGas Workshop provides costs just \$2,000 for ASPE members, which is significantly less than other providers.
2. The workshop is being taught by medical gas expert Mathis Carlson, who holds multiple ASSE medical gas certifications including 6005 Specialist, 6010 Installer, 6020 Inspector, 6030 Verifier, 6035 Bulk Verifier, 6040 Maintenance, 6060 Designer, and 6050 Instructor.
3. Rosemont is just a short ride from Chicago's O'Hare Airport and several hotels are within walking distance of ASPE's headquarters,

making this a convenient option regarding travel.

### **What ASPE's MedGas Workshop Provides**

By attending our workshop, you will enjoy all of the benefits of this in-person experience, which include:

- Personal interaction with our expert instructor, Mathis Carlson
- ASSE 6060 practice exam
- Copy of NFPA 99-2024: Health Care Facilities Code
- Quizzes to test knowledge retention
- Lunch, drinks, and snacks each day
- 1.2 ASPE CEUs

When you complete the workshop you will receive a certificate of training and will have fulfilled the requirements to take the ASSE 6060 certification exam. (The ASSE 6060 exam is not included as part of this workshop.)

### **Who Should Attend?**

ASPE's MedGas Workshop is perfect for anyone seeking to sit for the ASSE 6060 personal certification exam. The workshop also provides the skills and knowledge needed for engineers who want to branch into medical gas system design.

### **Investment**

The cost to take the workshop is \$2,000 for ASPE members and \$2,350 for nonmembers. Not an ASPE member? [Join today](#) to get the member price and save \$150 and also gain access to all of ASPE's member benefits.

**Register for ASPE's November 2025 MedGas Workshop**

## About the Instructor

Mathis Carlson is the Special Projects and Education Manager for MediTrac, the leading manufacturer of corrugated medical gas tubing. At MediTrac, Mathis assists in medical gas system design and sizing, technical support, training, and general medical gas information and education. Prior to joining MediTrac, Mathis spent 12 years working as a medical gas verifier and instructor after working as a plumber specializing in medical gases for 10 years.



Mathis holds multiple ASSE medical gas certifications including 6005 Specialist, 6010 Installer, 6020 Inspector, 6030 Verifier, 6035 Bulk Verifier, 6040 Maintenance, 6060 Designer, and 6050 Instructor. He also maintains his ASME IX brazing certification and Master Plumber license. In addition, he holds the MGPHO CMGV certified medical gas verifiers credential. Mathis is serving as an alternate member of the NFPA 99 technical committee on medical gas piping systems, a member of the NFPA 55 technical committee on industrial and medical gases, a member of the ASSE 6000 working group, and a member of the FGI Health Guidance Revision Plumbing Task Group. He is also currently serving as President of the Medical Gas Professional Healthcare Organization (MGPHO).

## Parting thought...

During the day, I don't believe in ghosts. At night, I'm a little more open-minded.

– **Unknown**

# ASPE Education & Certification

## *2025 Certified Plumbing Design Technician (CPDT) Exam Registration Deadline Is October 5*

If you seek to earn the Certified Plumbing Design Technician (CPDT) credential this year, register soon for the **exam**, which is being held via remote proctor from October 13–24. **The deadline to register is October 5.**



To be eligible to take the CPDT exam, you must have one of the following:

- Bachelor's degree in engineering with one year of experience designing plumbing systems
- Associate's or bachelor's degree in a field related to engineering (physics, mathematics, architecture, civil, environmental studies, construction, HVAC, etc.) and a minimum of two years of experience designing plumbing systems
- Four years minimum of plumbing design experience

The cost to take the exam is \$225 for ASPE members and \$450 for nonmembers. Not an ASPE member? **Join today** to save on the CPDT exam and take advantage of all of ASPE's member benefits.

You must **complete the eligibility form** prior to submitting exam registration fees.

### **What Is the CPDT Credential?**

ASPE developed the **CPDT credential** to provide professional recognition of qualified plumbing designers early in their careers, and it is considered the first step toward ASPE's CPD (Certified in Plumbing Design) credential. ASPE encourages all CPDTs to continue their education and work toward a CPD designation.


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