
HOUSTON CHAPTER

ASPE Newsletter

Chartered July 10, 1968

October 2024

Houston, Texas



Houston ASPE Board of Directors



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Register Today!



SPEAKER

KENDRA BARNES

REHAU COMMERCIAL SPECIALIST

CASPE
American Society of
Plumbing Engineers™
H O U S T O N

o o o o
o o o o

You don't want to miss
Our **October 2nd** meeting
Kendra will talk to us about
Pex in Commercial Applications

REGISTER TODAY

www.aspehouston.com



2840 Chimney Rock Rd,
Houston, TX 77056

o o o o
o o o o
o o o o

CLICK HERE

President



October 2024

Hello ASPE Houston,

Ghostly greetings to you this October month! Many look forward to letting their creative juices flow, pumpkin spice lattes from Starbucks, and enjoying quality time with family and friends. Fall is slowly making its way to the Houston area! Not to mention that the NFL football season is underway, and our Astros are doing very well which can significantly improve one's mood. I hope you and your loved ones are finding time to enjoy this beautiful fall weather that is coming our way.

The first meeting went extremely well, haven't seen an attendance like this in a while. I want to thank all of you who were able to attend. The October chapter regular general meeting will be resuming at Dukessa Event Venue on 2840 Chimney Rock Road Starting at 11:30 a.m. on Wednesday, October 2nd. Our October Houston ASPE Chapter BOD meeting will be held on Friday, October 13th. Please be sure to RSVP early! Please make plans to join us and see Billy's, your VP Technical article for information regarding the speaker and technical topic.

I will mention this one last time, the 2024 ASPE Convention & Expo will be held in Columbus, Ohio on October 18th-October 23rd. For those interested in attending, all the details can be found at <https://expo.aspe.org/> . If anyone is interested in getting involved with any of the events that we have in store for this year, please don't hesitate to reach out and shoot me an email or give me a call. We will have a sign-in sheet for those who will attend.

Keep calm and trick or treat on!

Thanks,
Jaime Cruz
President

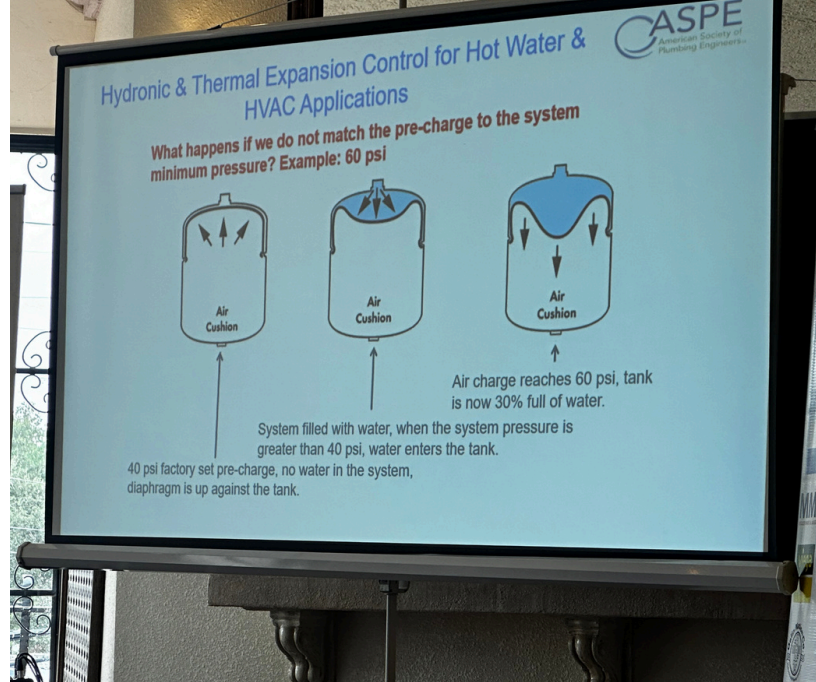


We had a record-breaking turnout at last month's technical meeting! It was truly energizing to see so many engineers, plumbing designers, and industry professionals come together to share knowledge and connect.

A special thank you goes out to Ken from AMTROL for generously sponsoring lunch. Your support helped create a welcoming environment where attendees could engage, learn, and grow.

Let's keep this momentum going as we head into the next few months with more exciting events and technical seminars lined up. Stay tuned for details, and thank you for being part of this thriving community!





VP Technical



October 2024

Hello ASPE Houston,

I want to extend my heartfelt thanks to everyone for an amazing turnout during our September meeting. It was truly a first for me to see so many attendees, and I hope we can maintain this momentum moving forward. As you know, our chapter is one of the strongest because of your participation and support, and I'm excited to see what we can achieve together in the coming months.

On a separate note, we have another great presentation lined up for October. This month, our speaker is Kendra Barnes from Rehau, and she will be discussing "Pex in Commercial Applications." Please make sure to RSVP early, as it's important for us to know how many of our members will be attending so we can properly accommodate seating and food. We look forward to another engaging and informative session!

Finally, if you are interested in presenting at one of our upcoming meetings, please reach out to me. We currently have available spots for the months of November and February. You can contact me via email at theturciosfam@gmail.com or by phone at 832-229-7819. This is a great opportunity to share your knowledge with our members, and I look forward to hearing from you!

Thank you,
Billy Turcios
VP Technical

What Is a CEU?

A **Continuing Education Unit (CEU)**, also known as Continuing Education Credit (CEC), is a **vital measure in ongoing education programs**, helping professionals maintain their licenses, or, in ASPE's case, their credential (CPD or CPDT).

The primary purpose of the CEU is to **provide a permanent record of the educational accomplishments** of a plumbing engineer/designer who has completed a significant noncredit educational experience.

CEUs also give plumbing engineers/designers a **means to be recognized as experts in their fields**.

Proving Your CEUs

In most cases, you must successfully pass a quiz to verify what you learned before CEUs are issued.

For the CEUs to be considered valid for ASPE's purposes, you must obtain a certificate that lists the name of the course and the number of continuing credit units issued.

Acceptable CEUs

Chapter meetings
Webinars
Workshops
ASPE Tech Symposium sessions
ASPE Convention & Expo sessions/walking the floor

Non-Acceptable CEUs

Factory tours
Non-educational Chapter events

education.aspe.org

VP Membership



Welcome new/returning members: Edwin Saldivar (EMA), Jeremy Fain (ASC Engineered Solutions), Jonathan Farr (Epic Cleantec), Sevak Kalantarian, PE (Infrastructure)

Chapter	Total 9/2023	Total 9/2024	% change
Chicago	280	294	5%
Dallas/Ft. Worth	265	261	-2%
Houston	232	246	6%
Wisconsin	163	164	1%
Minnesota	154	155	1%
Central Texas	138	146	6%
Kansas City	123	140	14%
St. Louis	128	128	0%
Omaha	74	76	3%
Oklahoma	74	66	-11%
Arkansas	48	52	8%
Central Illinois	31	34	10%
Lubbock High Plains	9	12	33%
Region 5 Total:	1719	1774	3%

Curtis Dady
VP Membership

Member Benefit Tips

BOOST YOUR INDUSTRY VISIBILITY

Demonstrate your abilities to lead and boost your industry visibility by volunteering to join your Chapter Board of Directors or apply to join the Society Board of Directors. Employers, clients, and coworkers respect and look up to ASPE Chapter and Society Officers. Without our leaders, we would not have a Society; it's worth the work.

SPECIAL-INTEREST GROUPS

ASPE Young Professionals (AYP) is designed for young industry professionals looking to meet with peers to share experiences, exchange ideas about the plumbing design industry, and network with other Chapter members. The focus of AYP is to help young plumbing engineers, design professionals, and practitioners establish contacts and further the mission of the Society. ASPE members 35 years old and younger are all included in this special-interest group.

The core mission of the Women of ASPE (WOA) is to engage, retain, and advance women in the plumbing design industry, through education, leadership development, and networking opportunities. WOA is committed to bringing together women and assisting them to achieve their professional and personal goals.

MEET POTENTIAL CLIENTS/MEMBERS

If you are an Affiliate member, in sales, who steps up and takes on a membership role, you are in a unique position to promote ASPE and your company. Your leadership role is a valuable way to place yourself in front of prospective clients and members. Talk to your Chapter Board of Directors and see what you can do to promote yourself and ASPE.



Have you checked out ASPE Connect yet?

It's one of ASPE's greatest member benefits!

Our online community, ASPE Connect, is an invaluable resource to help you get expert advice and new insights on your design, career advancement, and product questions. And it's available only to ASPE members!

It's like having a brainstorming session with the world plumbing community.

- Paula Leatherman, CPD, FASPE

How to Get Started

1. Visit connect.aspe.org



2. **Sign in.** Your ASPE Connect login information is the same as your login for ASPE.org and ASPE Education. Once you are signed into one site, you are signed into all of them.



3. **Build your profile.** Help your fellow ASPE members get to know you by including a headshot, bio, education, and career history.



4. **Go to the Open Forum** and browse the discussions to add your thoughts to an ongoing conversation or start a new discussion.

Get Connected Today! connect.aspe.org

ASPE Convention & EXPO'24

Columbus, OH  October 18-23



You're Invited to the Largest Event for
Plumbing System Professionals

What You'll Find:

- + New plumbing technologies from more than 250 global exhibitors
- + Practical solutions to your plumbing design challenges directly from product engineers
- + A show floor filled with industry experts providing hands-on technical solutions
- + New skills from professional development and technical education sessions

250+ exhibitors **4,000+** professionals **25+** sessions

expo.aspe.org

REGISTER NOW!



DIAMOND



GOLD



SILVER



BRONZE



2024

TECHNICAL

SEMINAR



CEU CREDITS
PDH CREDITS

PRODUCT
SHOW AFTER
SEMINAR

This is an excellent opportunity for industry professionals to expand their skills and network with peers.

GUEST SPEAKERS



Kasey Smith
IPEX



Tom Halley
Sencillo Systems



BJ Shrader
McWane / Tyler
Pipe



Aaron Siegel
Bradford White



Lance Casey
Leonard Valve



Sean Perry
MiFab

Session Topics Include:

- ✓ Underground Waste Systems and Void Form
- ✓ Specifying Master Mixing Valves
- ✓ Double Containment Piping
- ✓ Booster Pump Design
- ✓ Understanding Heat Pump Technology
- ✓ Backflow Control



Commons Conference Center
10100 Burnet Road, Bldg 137
Austin, TX 78758



14 November 2024 at 8:30AM



More information
713.425.9888



Register at our website
centraltexasaspe.org

Product Show and Door Prizes

After Technical Sessions

4:00 PM to 7:00 PM

Happy Hour and Appetizers



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, tradeshows, 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



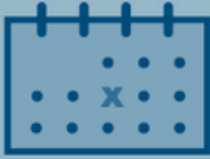
OUR MEMBERS

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



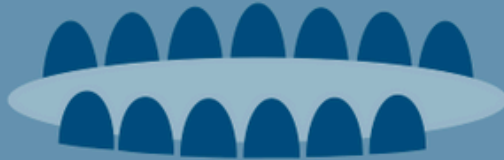
Founded in

1964



Number of Members Worldwide

6,500+



13

Elected Board Positions



66

Local Chapters

20+

Technical Publications



2

Special-Interest Groups for Young Professionals and Women

3

Professional Certification Programs



10

Staff Members



INDUSTRY PARTNERS

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

American Backflow Prevention Association

ARCSA

ASHRAE

ASSE International

Canadian Institute of Plumbing & Heating

CSA Group

IAPMO

International Code Council

National Institute of Building Sciences

NSF International

Plumbing Efficiency Research Coalition

Plumbing Industry Leadership Coalition

Plumbing Manufacturers International

United Association

Water Quality Association

World Plumbing Council

HOW YOU CAN GET INVOLVED

Contact a Chapter

Join Today!



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

Connect with Us



WHAT IS A Plumbing Engineer?

PLUMBING ENGINEERS are a vital part of design/build construction teams for residential, commercial, and industrial facilities. They interact with other construction trades to provide building owners with efficient, functional, and sustainable plumbing systems that protect the health, welfare, and safety of the public and prevent environmental contamination.

WHAT DO PLUMBING ENGINEERS DO?

PLUMBING ENGINEERS use the principles of fluid flow along with engineering calculations to design plumbing systems that transport fluids and gases throughout buildings. Those systems include:

$$S = \frac{rpm\sqrt{Q}}{NPSH^{0.75}}$$
$$x 2.31 - h_f L_h + \frac{(P_B - V_p)}{\text{Specific gravity}}$$



Domestic water systems



Wastewater



Fuel gas



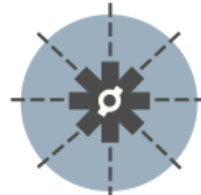
Medical gas & vacuum



Compressed air



High-purity water



Fire suppression



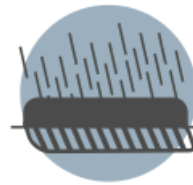
Chemical waste



Rain & stormwater systems



Venting



Site & building drainage



Water efficiency

WHAT DOES THE PROFESSION ENTAIL?

"The old adage that 'anyone can do plumbing' does not hold water anymore. A diversified and accomplished plumbing engineer is a valuable commodity in the design/build market."



PLUMBING ENGINEERS are highly skilled individuals involved in many different aspects of the design/build process, including:

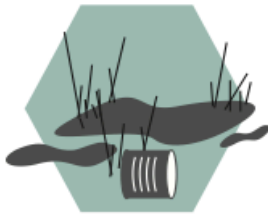
PLUMBING SYSTEM DESIGN	COMMISSIONING
PROJECT MANAGEMENT	CODE & STANDARD EXPERTISE
CONSTRUCTION ADMINISTRATION	FORENSIC & SUBSURFACE SYSTEM EVALUATION
BUILDING INFORMATION MODELING (REVIT)	COST ESTIMATION
PRODUCT & SYSTEM SPECIFICATION	PROBLEM SOLVING

PROTECTING PEOPLE & THE ENVIRONMENT

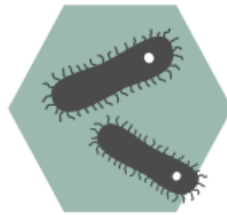
PLUMBING ENGINEERS help eliminate many of the threats that sicken people and harm the environment on a global scale by:



Delivering safe drinking water & sanitation systems



Combating groundwater contamination & depletion

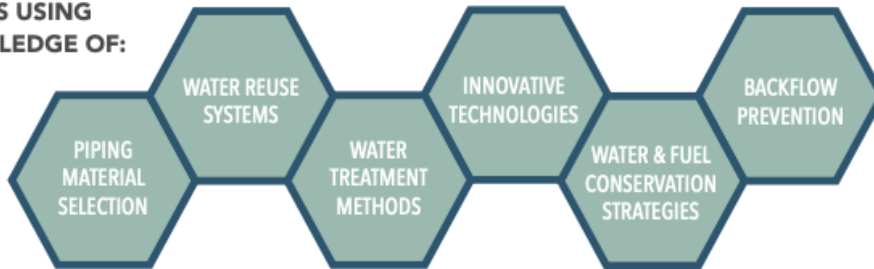


Preventing waterborne diseases



“Through their designs, plumbing engineers affect every life.”

THEY DO THIS USING THEIR KNOWLEDGE OF:



HOW TO LEARN MORE

The American Society of Plumbing Engineers (ASPE) is the only association dedicated to promoting the plumbing engineering profession and helping plumbing engineers advance in their careers. Our members have a wealth of knowledge and experience and are ready to help others learn more about the industry.



To discover ASPE and find local contacts, visit:

aspe.org



Connect with Us



Special Interest Groups

Women
of ASPE®



Shannon Yancey

We are pleased to announce that Shannon Yancey with Caleffi North America has agreed to take on WOA Chair for our Houston Chapter. We are excited to have her part of the team and she will have some exciting events lined up soon for our Women of Aspe!

ASPE
YOUNG
PROFESSIONALS



Michael Balboni

The ASPE Young Professionals (AYP) special interest group is designed for young industry professionals looking to meet with peers to share experiences, exchange ideas about the plumbing design industry, and network with other chapter members. The focus of AYP is to help young plumbing engineers, design professionals, and practitioners establish contacts and further the mission of the Society. ASPE Members 35 years old and younger are all included in this special interest group.

ASPE
YOUNG
PROFESSIONALS®

Hey!

Learn more about our group!

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

- > Partnerships with other associations
- > Social and networking events
- > Educational offerings
- > Mentoring programs

And more!

CASPE
American Society of
Plumbing Engineers™



Exclusive AYP Sponsor

ZURN

To learn more about the ASPE Young Professionals special-interest group, email ayp@aspe.org and visit aspe.org.

**ASPE
YOUNG
PROFESSIONALS**

**KIRBY
ICE HOUSE**
"A Neighborhood Pearl."



Good Times!



October

Benjamin Harrison Baker CPD

Laura Burgess

Dalton Layne Campbell

Jaime Jajay Espina Cruz

Enzo Frosinini

Magdaleno Guerrero

Shyam Kumar LEED AP BDC, P.E., CPD

Diana Luna

Nicholas Grant Martinek

Remi Ruth McCoy

Kevin Milazzo

Randy Milian

Marcus Molina

Oleksii Nazarevych

Dustin Michael Schuller

Andrew Shannon P.E.

Steve Torrez

Tim Michael Zacharias



In accordance with the IAPMO Regulations Governing Committee Projects, IAPMO would like to announce that a tentative interim amendment (TIA) to the 2024 edition of the Uniform Mechanical Code (UMC®) is being submitted for public comment.

UMC TIA 003-24 revises text in the 2024 edition of the UMC, Table 1102.3 (Refrigerant Groups, Properties, and Allowable Quantities), regarding values for Refrigerant Concentration Limits (RCLs) and Lower Flammability Limits (LFLs) of listed refrigerants. The comment form is located at [codes.iapmo.org/docs/2024/UMC/TIA/Submit%20Comment%20Form%20\(TIA%20003-24\).pdf](https://codes.iapmo.org/docs/2024/UMC/TIA/Submit%20Comment%20Form%20(TIA%20003-24).pdf).

IAPMO invites all interested parties to review the proposed TIA on the IAPMO website under Uniform Mechanical Code/Proposed TIAs and respond by filling out the comment form.

The deadline to submit comments is September 5. Completed forms may be emailed to Taylor Duran, the UMC Staff Liaison, at taylor.duran@iapmo.org.

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- Can serve single or multiple lavatories
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- Provides vandal resistance for the heater

CODE COMPLIANCE

- Prevents legionella by instantly heating the water
- 99% EF with zero gas emissions
- Provides ADA compliance for lavatories
- Available with integral ASSE 1070 (CM Model)
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 PRICING * FORMAL DESIGN AND SUBMITTALS * PROCUREMENT
 TESTING * SYSTEM CERTIFICATION * EMPLOYEE TRAINING

CHRISTOPHER B. ENNIS, CET
 ce@firedsi.com

P. MARK THOMASSON, CET
 mt@firedsi.com



Detection & Suppression International, Ltd.
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 Phone: 832-467-9090 • Fax 832-467-9091
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FOR ASPE:

Infinity MEP+S Consultants is Growing! And we Need YOU!

We are always looking for top talent to join our team, and now more than ever.

Positions available across Texas in Austin, Dallas, Houston, and San Antonio.

Opportunities Include:

Plumbing Designers, Mechanical and Structural Engineers!

Industries, Verticals, and Skills We're Looking for in Resumes:

- Healthcare Projects
- Higher Education Projects
- Laboratory & Life Sciences Projects
- Med-Gas
- Revit

Have any of the above? Ready for a change? Ready to grow?

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Submit your resume TODAY to careers@infinitymep.com

Career Opportunities



Wylie Engineering is hiring! We are looking for Plumbing Designers with experience in building construction plumbing and fire protection systems design. Come join our dynamic team in our Houston office! Wylie Engineering has a strong history of serving the architectural and construction community in Houston, Austin, and across Texas – currently celebrating our 35th anniversary! Our portfolio includes diverse and interesting projects ranging from healthcare, lab, high-rise residential, commercial office, higher education and many more.

Primary areas of responsibility include providing design concepts for plumbing and fire protection systems, coordinating design with project management and other disciplines, and production of system designs using AutoCAD & Revit.

Certified Plumbing Designer (CPD) is preferred, but not required.

Please submit resumes to HR@wylieeng.com.

Career Opportunities



GFE has an opening for a Lead Plumbing Designer!

This is a Great Opportunity to grow your professional career at a firm with a solid reputation in the Healthcare industry. Our team is committed to a high standard of quality work and personal development. Our culture supports longevity, a true team atmosphere, and strong work ethic. GFE has been a Leader in Houston Healthcare Engineering for 18 years.

Lead Plumbing Designer Position Minimum Requirements:

5+ years experience in Plumbing design and understanding of commercial Plumbing systems including system layout and sizing. 3 years HealthCare project design experience. Med Gas System design. Self-motivated. Able to manage your own work schedule.

Benefits:

Competitive Salary and Bonus. Hybrid work schedule - 3 days in the office, 2 days from home.
Health, Dental, and Vision Insurance. 401k with matching.
7 paid Holidays. 3 weeks PTO.

Please submit resumes to: afritzsche@garnerfritzsche.com.

Career Opportunities



LEAF Engineers is a frontrunner for success in providing comprehensive mechanical, electrical, and plumbing, technology, and fire protection engineering design services. Our engineers are focused on system performance, reliability, flexibility, and ease of maintenance. Our work typically consists of large commercial projects, primarily award-winning K-12 schools. With an emphasis on teamwork, we reach beyond the traditional MEP approach to solve problems and integrate a more holistic style to our processes. Within LEAF, you will find a fast-paced environment with many opportunities to learn and accelerate your career.

LEAF Engineers is searching for a candidate to fill the Plumbing Engineer/Designer position. You will aid the engineering team in developing plumbing calculations, and plumbing system designs of gas, water, and waste systems.

Your Impact:

- Produce reports/drawings using calculations and specifications for various buildings
- Utilize client requirements and specifications to generate consistent drawings to meet their needs
- Assist senior engineering staff support in equipment selection through project calculations and equipment research
- Assist in the evaluation and equipment selection for the design of plumbing system components and apply standard engineering procedures
- Aid in areas that require consulting on feasibility reports and sustainability analyses
- Work with team to design plumbing systems like sanitary, water, gas, storm, medical gas, fire protection

Here's What You'll Need:

- Associate degree in Mechanical Engineering or related engineering technology degree preferred
- 3-5 years of work experience with an engineering consultant
- Proficient in Revit 2022 and AutoCAD 2021

Here's How You'll Stand Out:

- Licensed Professional Engineer
- CPD – Certified Plumbing Designer
- Ability to self-assess and command a high level of accuracy
- Strong oral, written, and communication skills
- Excellent time-management and organizational skills

Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions. LEAF is an equal employment opportunity employer. It is our policy to provide equal employment opportunity in all phases of employment in compliance with applicable federal and state laws, rules, and regulations.

#OS #FT #AS

ASPE

Mentoring Program

This program, which is available to all members of the Society, has been designed to connect ASPE members who have a particular skill set (mentor) with individuals (mentee) who are searching to acquire the same skills to develop and make progress toward their personal and professional goals.

Who Is a Mentor?

A mentor is someone who can help the mentee develop skills for success and long-range career planning, is able to be a good listener, is willing to share experiences and views, is willing to commit time and effort, provides an "open door" to questions and problems, points out both strengths and opportunities for improvement, and has a vested interest in the growth and development of their mentee.

Benefits to the mentor:

- Satisfaction in helping someone mature, progress, and achieve goals
- Meeting and sharing experiences with other mentors
- Personal ongoing support to help the mentee succeed
- Personal fulfillment through contribution to the Society and the individual

Who Is a Mentee?

Having a mentor can contribute to a successful and satisfying career. Without a mentor, that learning occurs mostly through trial and error. With a mentor, even experienced professionals can benefit from the experiences and expertise of someone who has withstood the trial and can help the mentee avoid the mistakes. Similarly, those new to the industry will discover that being a mentee shortens the learning curve for acquiring the skills and knowledge most critical to a fruitful career.

Benefits to the mentee:

- Discover new talents about yourself
- Career satisfaction
- Expand your personal network
- Maximize your strengths

connect.aspe.org



GO TEAM

CUSTOMIZABLE SABER VALVE COVERS ONLY BY DELANY PRODUCTS

The Saber, Delany Products' top-of-the-line manual flush valve has always been beautiful, thanks to the scratch-resistant cover and sleek modern lines.

Now, custom engraved cover caps can show off the logo for a university, corporation or sports franchise.

Of course, inside it is still a Saber, a proven solution for many water hammer issues, and the only flush valve with instant in-field adjustability allowing for "True-in-the-Field Water Conservation". Saber valves also feature the Masherator Bypass - the market's only self-cleaning diaphragm that continuously cleans with every flush.

Contact your Delany Products sales rep today and start showing your team spirit!



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Whitehall's BestCare® ligature-resistant restroom fixtures and accessories are designed for the comfort, safety, and security of patients in behavioral healthcare environments. For new construction or renovation, BestCare is your complete solution.

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Committee Members

Dave Cropper

Chapter Affiliate Liaison, Construction Industry Council

Francisco DeHoyos, CDP, FASPE

Society legislation committee co-chair, Society education committee member, Society long-range committee member Region 5 legislation representative, Houston Chapter Education Chair

Donald Taylor, CPD, GPD, FASPE, ASSE 6060

Board of Governors, Society Education Committee

Zed Hernandez

Webmaster, Newsletter Editor/ Social Media Director

Greg Salter / Jaime Cruz

Product Show Chair/ Co-chair

Curtis Dady

Region 5 Affiliate Liaison

Chris Ennis, CET

Chapter Social Director

HOW TO BECOME AN ASPE VOLUNTEER

*Recognize Leadership
and Professional
Growth Opportunities
Through Participation
in ASPE*



Participation in ASPE

As the voice of the plumbing engineering industry, ASPE is sought out to provide the latest technical and legislative information as well as education and career growth opportunities for plumbing system design professionals. ASPE is dedicated to the advancement of the science of plumbing engineering, to the professional growth and advancement of our members, and to the health, welfare, and safety of the public, but we need the experts—our members—to help fulfill those goals. Your practical experience and knowledge will help ASPE provide top-notch service for our ASPE family members and other industry professionals worldwide.

Becoming involved is not a one-way street. Volunteering provides you with resources to keep up with the technical aspects of our industry. You will make new contacts and increase your voice. You also will have direct influence on plumbing engineering and become a recognized leader in the industry.

Here are some ways you can get involved to help foster technical innovation and professional advancement.

Become a Mentor

ASPE's new Mentoring Program is designed to connect ASPE members who have a particular skill set (mentors) with individuals (mentees) who are searching to acquire the same skills to make progress toward their personal and professional goals. Mentors gain satisfaction and personal fulfillment while helping others discover new talents and grow in the industry. To learn more, go to <https://connect.aspe.org/aspe-mentor-match/mentoring>.

Run for National Office

Every two years, Chapter delegates vote on the 12 national officer positions. Serving on the ASPE Board of Directors is the highest level of volunteerism and marks individuals as achieving the pinnacle of leadership within the Society. To learn more about becoming a candidate, review the Guide to the Board of Directors Nomination Process on the members-only page: <https://www.aspe.org/membership-global-community/membership/members-only/>.



Join Your Chapter Board of Directors or a Committee

With more than 60 ASPE Chapters worldwide, volunteering at the Chapter level is one of the easiest ways to become involved with ASPE. Volunteering at the Chapter level helps you develop a better understanding of how the Society functions and how to receive the most benefit from your membership, while also contributing to the betterment of ASPE.

ASPE's Chapters are run by dedicated individuals who provide high-quality technical and networking opportunities for local industry members. Many levels of participation are available: positions range from being the newsletter editor or golf outing chair to vice president, technical and president. By becoming a Chapter leader, you will increase your presence in your local area while helping others grow and succeed.

To learn about the roles of Chapter officers, go to <https://education.aspe.org/products/chapter-officer-training-video>.

If you aren't ready to join the Chapter Board of Directors, volunteering for a Chapter committee is the perfect way to get your feet wet. Contact information for your local Chapter can be found at <https://www.aspe.org/membership-global-community/chapters/>.



Share Your Expertise

Volunteering doesn't necessarily mean a long commitment. Several opportunities are available to share your knowledge and skills on a short-term basis.

- You can review and revise a chapter in one of the four Plumbing Engineering Design Handbooks, which are updated annually. Contact gpienta@aspe.org.
- You can present a one-hour webinar on a technical topic of interest to plumbing engineers. Contact education@aspe.org.
- You can write an article for ASPE's members-only publication, ASPE Journal, or Plumbing Engineer magazine. Contact gpienta@aspe.org.
- You can present a technical session at either the Technical Symposium or the Convention. Sessions range from 75 minutes to three hours. Contact education@aspe.org.

Serve on a National Committee

ASPE's Committees provide the backbone to the Society's operations. Committees are responsible for providing input on policies and procedures regarding everything from ASPE's technical publications and educational programs to the career growth of special-interest groups. Membership in the following Committees is available:

- Membership Committee
- Technical & Research Committee
- Education Committee
- Legislative Committee
- Long-Range Planning Committee
- Nominating Committee
- Bylaws Committee
- Finance Committee
- Credentialing Committee
- Main Design Standards Committee
- ASPE Young Professionals
- Women of ASPE
- Convention and Exposition Committee
- Technical Symposium Committee

To apply for a national Committee, just fill out the application found here: <https://www.aspe.org/membership-global-community/committees/>.



ASPE's Board of Directors and staff appreciate you volunteering and providing your knowledge and experience for the betterment of the Society, the advancement of plumbing engineering, and the protection of the public's health and safety. Thank you for your support.

Houston Amendments to the 2021 Uniform Plumbing Code



Adopted by Ord. No. 2023-907¹

Passed October 25, 2023²

Effective January 1, 2024³



¹. The City Secretary shall insert the number of the adopting ordinance.

². The City Secretary shall insert the date passage and approval of the adopting ordinance.

³. The City Secretary shall insert the effective date of the adopting ordinance.

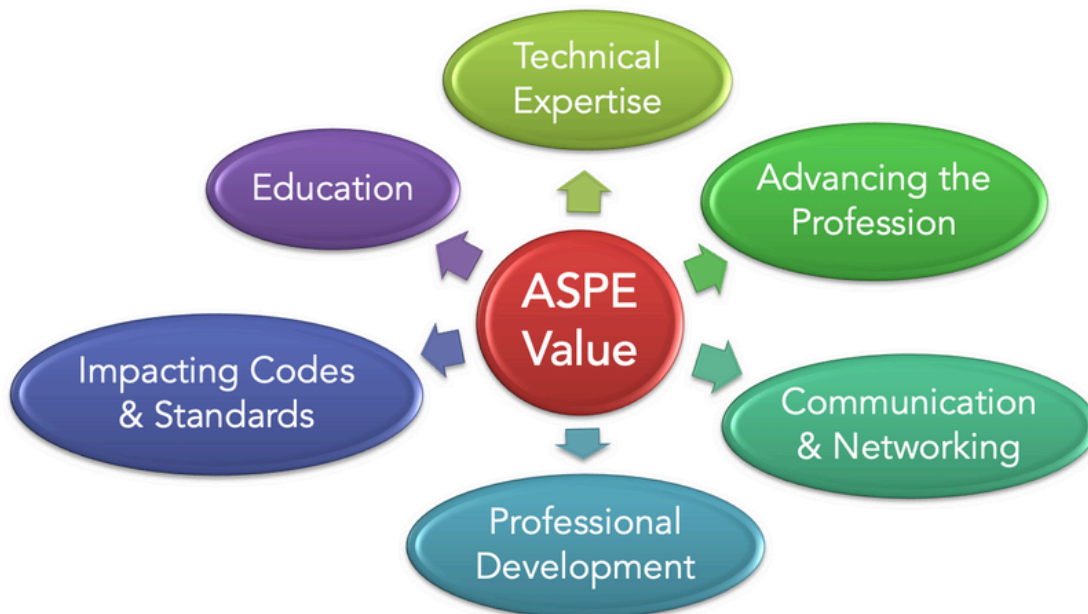


Connect with us
on Social Media!



ASPE Purpose

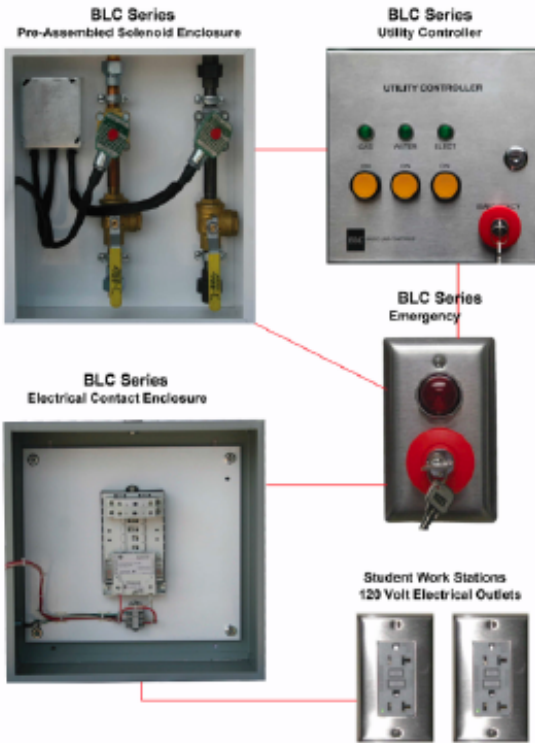
The core purpose of the American Society of Plumbing Engineers is to continually enhance and promote the profession of plumbing engineering design while assisting in improving the health, welfare, and safety of the public on a global scale.



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HOUSTON CONSTRUCTION CODE MODERNIZATION

**SIGNIFICANT CODE CHANGES &
HIGHLIGHTS OF THE 2015 TO 2018 AND
2018 TO 2021 UNIFORM PLUMBING
CODE (UPC)**



Download presentation



The following are the current construction codes enforced by the City of Houston.

Code	Publisher	Effective Date
2021 International Residential Code (with Houston Amendments)	ICC	January 1, 2024
2021 International Building Code (with Houston Amendments)	ICC	January 1, 2024
2022 Minimum Design Loads & Associated Criteria for Buildings and Other Structures (ASCE-7)	ASCE/SEI	January 1, 2024
2021 International Fire Code (with Houston Amendments)	ICC	January 1, 2024
2021 International Existing Building Code (with Houston Amendments)	ICC	January 1, 2024
2021 Uniform Mechanical Code (with Houston Amendments)	IAPMO	January 1, 2024
2021 Uniform Plumbing Code (with Houston Amendments)	IAPMO	January 1, 2024
2021 Swimming Pool and Spa Code (with Houston Amendments)	ICC	January 1, 2024
2023 National Electrical Code (State Mandated) • Administrative Code Provisions (Effective January 1, 2024)	NFPA	September 1, 2023
Sign Code (Chapter 46 of the Houston Building Code)	COH	July 29, 2020
2021 International Energy Conservation Code (with Houston Amendments) - <i>For One and Two-Family Dwellings and Multi-Family 3 stories or less.</i>	ICC	January 1, 2024
2021 International Energy Conservation Code (with Houston Amendments) - <i>For Commercial Structures, including Residential Structures more than 3 stories</i>	ICC	January 1, 2024
ASHRAE 90.1-2019 (with Houston Amendments) – <i>For Commercial Structures, including Residential Structures more than 3 stories)</i>	ASHRAE	January 1, 2024
2021 Code Words - various sections interpreted and administrative policies	COH	N/A

- The enforcement of Chapter 11 of the International Residential Code became mandatory by state law effective September 1, 2016.
- The enforcement of the IECC-Commercial Provisions became mandatory by state law effective November 1, 2016.

ICC International Code Council
500 New Jersey Avenue, NW
6th Floor, Washington, DC 20001
(888) 422-7233
<http://www.iccsafe.org>

IAPMO International Association of
Plumbing and Mechanical Officials
4755 E. Philadelphia St
Ontario, CA 91761
(909) 472-4100
<http://www.iapmo.org>

NFPA National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02269
1 (800) 344-3555
<http://www.nfpa.org/>

ACCESSIBILITY

For regulations pertaining to Accessibility, please contact:

Texas Department of Licensing & Regulation
Compliance – Architectural Barriers
PO Box 12157
Austin, TX 78711

877-278-0999 Toll-Free Number
512-463-6599 Voice Telephone
512-539-5690 Fax Number

For Technical questions Contact:
E-mail: Techinfo@tdlr.texas.gov
Phone: 512-569-5669
<https://www.tdlr.texas.gov/ab/abtas.htm>

The Houston Amendments to the Codes, the Sign Code, and 2021 Code Word can be downloaded at:
<https://www.houstonpermittingcenter.org/help/codes>

MECHANICAL, ELECTRICAL, AND PLUMBING PLAN REVIEW

PLUMBING

SPILMAN, STEVE Plan Analyst Supervisor 832-394-9174

LEWIS, BOBBY Sr. Plan Analyst 832-394-9175

LOGAN, RUSSELL Sr. Plan Analyst 832-394-9176

PARROTT, DANNY Sr. Plan Analyst 832-394-9185

SPELL, CASSIDY Sr. Plan Analyst 832-394-9524

WARREN, RICHARD Sr. Plan Analyst 832-394-9182