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HOUSTON CHAPTER

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# ASPE Newsletter

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Chartered July 10, 1968

May 2024

Houston, Texas

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## Houston ASPE Board of Directors



Jaime Cruz  
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Corresponding Secretary

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# May Technical Meeting!



**Shaad Amer**

— Event Speaker



May 1st, 2024

11:30 am – 1:00 pm

Dukessa Event Center

2840 Chimney Rock Rd,

Houston, TX 77056



**CPVC in  
Commerical  
Plumbing  
Applications**



REGISTER TODAY AT  
**[WWW.ASPEHOUSTON.COM](http://WWW.ASPEHOUSTON.COM)**

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# President

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ASPE Houston Newsletter  
May 2024

Greetings, ASPE Family! Wow! What a show we had! We're currently in the midst of finalizing our analysis, gathering attendance figures, assessing chapter costs, and more from our recent Product Show and Technical Seminars. While we're still compiling the exact numbers the preliminary feedback is promising, suggesting a successful event! Thank you to all attendees, exhibitors, sponsors, volunteers, technical speakers, committee members, BOD members, and anyone I may have missed for helping to make this another memorable and successful show. Our newsletter editor has uploaded photos of our show to our ASPE Houston website.

As we approach the final chapter meeting of the ASPE calendar year, it's hard to believe how swiftly the year has flown by. The chapter has achieved remarkable feats, and I couldn't be more proud of every member and the Board for their dedication to another successful year! With that said, officer elections are on the agenda for our upcoming May chapter meeting. Your participation is crucial, so please make sure to attend and cast your vote for next year's Chapter Officers.

Last but not least, I would like to give a big shout-out to our VP Tech, Billy Turcios for putting together a nice full-day variety of informative seminars. We will be returning back to Dukessa on May 1st, see you there.

We are always open to fresh ideas for future chapter functions or meeting topics. Please do not hesitate to reach out to any of the Board of Directors (BOD) members with your suggestions. As you are aware, we're committed to offering our members engaging, educational, and occasionally even entertaining chapter meetings. Your input is invaluable in helping us achieve that goal. If anyone is interested in getting involved with any of the events that we have in store for this year, please do not hesitate to reach out to me via email or give me a call. Thank You!

Thanks,  
Jaime Cruz  
President

# ASPE SHOW 2024 Success!

All photos posted on [aspehouston.com](http://aspehouston.com)





# Oslin Nation Co.

## Winners of Texan's Theme Booth



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# VP Technical

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Dear ASPE Houston Chapter Members,

May 2024,

I want to extend a heartfelt thank you to everyone who joined us for last month's Technical Seminar. We were thrilled to have such a strong turnout and appreciate your participation and enthusiasm. The topics covered were not only informative but also engaging, and your involvement made the event a great success. Technical Seminars like this are invaluable for earning those much-needed Continuing Education Units (CEUs), and I'm pleased to let you know that all CEUs have been uploaded to Nationals. They should be showing up on your ASPE profiles.

A huge thank you to all our Presenters for sharing their expertise on a variety of subjects. We appreciate your time and effort in preparing and delivering such insightful presentations. We also want to give special thanks to Kendra Barnes with Rehau for sponsoring lunch and Joe Brewers with SpecTex Solutions for sponsoring breakfast for all the attendees. Your support made a significant impact on the event's success.

We're excited to invite you to our next General Meeting on May 1st, 2024, where Shaad Amer from Lubrizol Corporation will discuss the use of CPVC in Commercial Plumbing Applications. The meeting will be held at Dukessa, and we hope to see you there. We have our schedule booked until the summer recess, but I'm always open to suggestions for speakers and topics for future events. If you're interested in presenting or have a topic in mind, please contact me at [Theturciosfam@gmail.com](mailto:Theturciosfam@gmail.com) or 832.229.7819.

Thank you once again for your continued support and participation. We look forward to seeing you at our next meeting!

Best Regards,  
Billy Turcios  
VP Technical



**Welcome new members:** Chris Fuller (Armstrong/Weatherly), Francisco Gonzalez, Maaz Khan, Justin Mahan, Eleana Romero

**Tenure pin recognition at May meeting:**

FirstName	LastName	MemberSince	Years
Joe	Arizola	2019	5
Michael	Balboni	2019	5
Stephen	Butler	2019	5
Tony	Cole	2019	5
Sheryl	Herr	2019	5
Jaemin	Huh	2019	5
John	Maupin	2019	5
Kevin	Milazzo	2019	5
Liubov	Ogurtsova	2019	5
Trey	Shanks	2019	5
Billy	Turcios	2019	5
Benjamin	Baker	2014	10
Joseph	Brewers	2014	10
Andrew	Hohler	2014	10
Scott	Pantermuehl	2014	10
Shawn	McCall	2009	15
James	Ward	2009	15
Sterling	Bowman	2004	20
Donald	Crozier	2004	20
Jerry	Farmer	2004	20
Jeffrey	Perry	2004	20
Luminita	Bondar	1999	25
David	Clark	1999	25
James	Humphrey	1999	25
Donald	Taylor	1999	25
David	Cropper	1994	30
Roberto	Diaz	1994	30
Jim	Ivey	1994	30
Jeff	Miller	1994	30
Elbert	McKinlay	1989	35
Gary	Wylie	1989	35
Ronald	Brown	1979	45
John	Moehring	1979	45
Henry	Fry	1974	50

**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.

# 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](https://expo.aspe.org)

**REGISTER NOW!**



# UNDERSTANDING 2021 UNIFORM PLUMBING CODE CHANGES

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Join us for an overview of the  
Significant Changes to the 2021  
Uniform Plumbing Code

 **May 23, 2024**  **3:00PM - 5:30PM**

 **9525 Derrington Rd Houston, TX 77064**

 **[www.gulfcoastphcc.org/plumbingcode](http://www.gulfcoastphcc.org/plumbingcode)**



**REGISTER  
TODAY!**



**Russell Logan**

**Sr. Plan Analyst, Plumbing Inspections, City of Houston**



# DIAMOND



# GOLD



# SILVER



# BRONZE



# 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



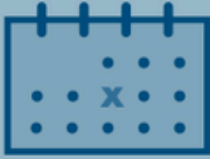
## OUR MEMBERS

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

National Institute of Building Sciences

ARCSA

NSF International

ASHRAE

Plumbing Efficiency Research Coalition

ASSE 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

Contact a Chapter

Join Today!



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

Connect with Us





# CERTIFIED IN PLUMBING DESIGN<sup>SM</sup>

**CERTIFIED IN PLUMBING DESIGN** (CPD), administered by the American Society of Plumbing Engineers (ASPE), is the only international certification program specifically for engineers and designers of plumbing systems. Professionals who have the CPD credential are considered to have the highest level of skills in the design and specification of plumbing systems.

## EARNING & MAINTAINING THE CPD CREDENTIAL

### Am I eligible?

#### Route 1:

**4** year engineering degree + 4 years of work experience designing plumbing systems

#### Route 2:

**8** years of work experience designing plumbing systems

#### Other eligibility options:



Current CPDT certification counts toward 1 year of experience

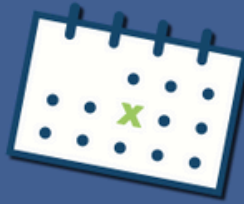


PE license counts toward 2 years of experience

# When can I take the exam?



The exam is held **annually** in the spring



**Registration** typically opens in December prior to the exam date



You can register online at [education.aspe.org](http://education.aspe.org)

## Where do I take the exam?

The CPD exam is held at **online testing centers** around the world



## Did I pass or fail?

Scores are **mailed** 6 to 8 weeks after the exam



## Maintaining your CPD credential

- ✓ You must earn 24 hours of continuing education every 2 years
- ✓ You can find recertification details at [aspe.org/education-credentialing/cpd/recertification/](http://aspe.org/education-credentialing/cpd/recertification/)

## For more info:

[aspe.org/education-credentialing/cpd/](http://aspe.org/education-credentialing/cpd/)  
or email [certification@aspe.org](mailto:certification@aspe.org)





## 2024 CPD Exam Dates: April 15–26

### The CPD Exam

To be eligible to take the CPD Examination, a candidate must possess:

Full ASPE membership or previously received approval to sit for the exam starting November 22, 2021; or

A minimum of four years of experience in a position of responsibility for the design of plumbing systems and possess a baccalaureate degree in a field related to engineering; or

In lieu of an accredited degree, a candidate may substitute up to an additional four years of practical experience in the design of plumbing systems, for a total of eight years, or be granted a credit of one-half year of practical experience for each full year of education in an accredited curriculum related to plumbing engineering.

CPDT Certification counts towards 1 year of experience.

Here's more about the CPD Examination:

General [exam FAQs](#)

Exam [open book policy](#) FAQs

2023 [CPD Bulletin](#)

The exam is [remote proctored](#).

CPD [eligibility form](#)

The 2024 CPD Exam fees are:

ASPE Members \$450

Nonmembers \$675

# 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:

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



Domestic water systems



Wastewater



Fuel gas



Medical gas & vacuum



Compressed air



High-purity water



Fire suppression



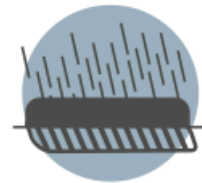
Chemical waste



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:

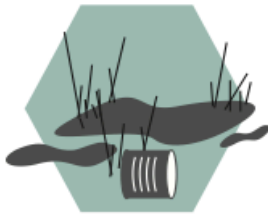
PLUMBING SYSTEM DESIGN	COMMISSIONING
PROJECT MANAGEMENT	CODE & STANDARD EXPERTISE
CONSTRUCTION ADMINISTRATION	FORENSIC & SUBSURFACE SYSTEM EVALUATION
BUILDING INFORMATION MODELING (REVIT)	COST ESTIMATION
PRODUCT & SYSTEM SPECIFICATION	PROBLEM SOLVING

## PROTECTING PEOPLE & THE ENVIRONMENT

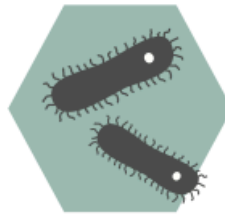
**PLUMBING ENGINEERS** help eliminate many of the threats that sicken people and harm the environment on a global scale by:



**Delivering** safe drinking water & sanitation systems



**Combating** groundwater contamination & depletion

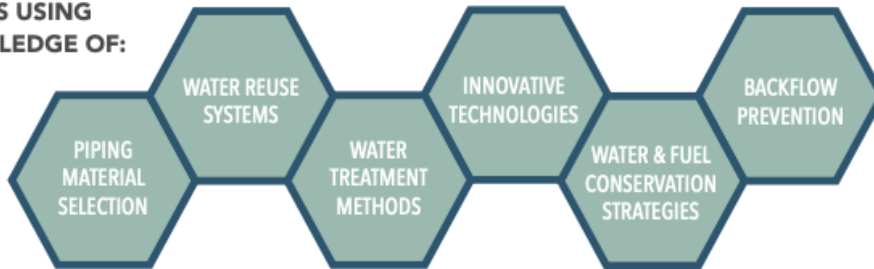


**Preventing** waterborne diseases



*“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](http://aspe.org)



Connect with Us



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# Special Interest Groups

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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



**Joe Brewers**

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.

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**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



To learn more about the ASPE Young Professionals special-interest group, email [ayp@aspe.org](mailto:ayp@aspe.org) and visit [aspe.org](http://aspe.org).

**ASPE  
YOUNG  
PROFESSIONALS**

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



*Good Times!*



## **Message from Brianne Hall, PE, CPD | ASPE VP Legislative | ASSE International Region 8 Director**

NFPA 99-2024 is available and includes the language below referencing ASSE 6060 - Medical Gas Systems Designer. Thank you to those who supported the development of the professional qualification standard, supported the training, the exam development process and supported the inclusion within NFPA 99.

### "5.1.3.3.2 Design and Construction

5.1.3.3.2.1 Medical gas and vacuum systems shall be designed by one of the following:

- (1) A party technically competent and experienced in the field of medical gas and vacuum system design and meeting the requirements of ASSE/IAPMO/ANSI 6060, Professional Qualifications Standard for Medical Gas System Designers
- (2) A party deemed technically competent through other qualification(s) deemed sufficient by the health care facility's governing body"



### **Did You Know ASSE 6060 Will Be Required in NFPA 99?**

In August, the NFPA Standards Council approved the 2024 edition of NFPA 99: Health Care Facilities Code, which includes a new stipulation for medical gas system designers to meet the requirements of ASSE 6060. To help you stay ahead of the curve, ASPE now offers an online medical gas training course in partnership with MedGasCards.com. The self-paced, 32-hour course fulfills the training requirement for ASSE 6060 and also offers 1.2 ASPE CEUs. You can start your training at MedGasCards.com.

A festive birthday banner with colorful balloons and confetti. The banner consists of two rows of colorful pennants. The top row spells out "HAPPY" and the bottom row spells out "BIRTHDAY". The background is a light blue sky with white clouds and falling confetti. Several colorful balloons (orange, green, yellow, blue, purple) are floating around the banner.

**HAPPY**  
**BIRTHDAY**

*May*

**Julia Barnes**  
**Melissa Cantu**  
**William A. Chalmers P.E., CPD**  
**David L. Cropper**  
**Jeffrey Scott Dierschke**  
**Alejandro Garcia**  
**Donelle R. Gull P.E., CPD, GPD**  
**Laura Hernandez CPD**  
**Jaemin Huh P.E., CPD**  
**Jeff Miller**  
**Geoffrey Thomas Moore**  
**Nathan Normann**  
**Scott D Pantermuehl**  
**Christopher A. Phillips**  
**Alexa Cristina Rodriguez Perez**  
**Michael L. Schuller**  
**Sunny Shaikh**  
**Yasmin Marsya Yusri**

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- Available with integral ASSE 1070 (CM Model)
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 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  
 Visit us on the web at: [www.FireDSI.com](http://www.FireDSI.com)



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# Career Opportunities

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Infinity MEP+S is looking for **Plumbing Designers** to join our team in Houston! If you're interested in becoming a part of our team and building a career, we want to talk to you!

At Infinity, we are committed to building a culture of growth and development within our team. Our employees are our greatest asset, and we strive to give them the resources and training to reach their full potential.

Check out our job post for more information!

Or send resumes to [nbadke@infinitymep.com](mailto:nbadke@infinitymep.com)

Spread the word and connect us with anyone that is looking for this new opportunity!



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](mailto:HR@wylieeng.com).

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# Career Opportunities

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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: [afritsche@garnerfritsche.com](mailto:afritsche@garnerfritsche.com).

# 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](http://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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# Committee Members

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## **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

# Houston Amendments to the 2021 Uniform Plumbing Code



Adopted by Ord. No. 2023-907<sup>1</sup>

Passed October 25, 2023<sup>2</sup>

Effective January 1, 2024<sup>3</sup>



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<sup>1</sup>. The City Secretary shall insert the number of the adopting ordinance.

<sup>2</sup>. The City Secretary shall insert the date passage and approval of the adopting ordinance.

<sup>3</sup>. The City Secretary shall insert the effective date of the adopting ordinance.

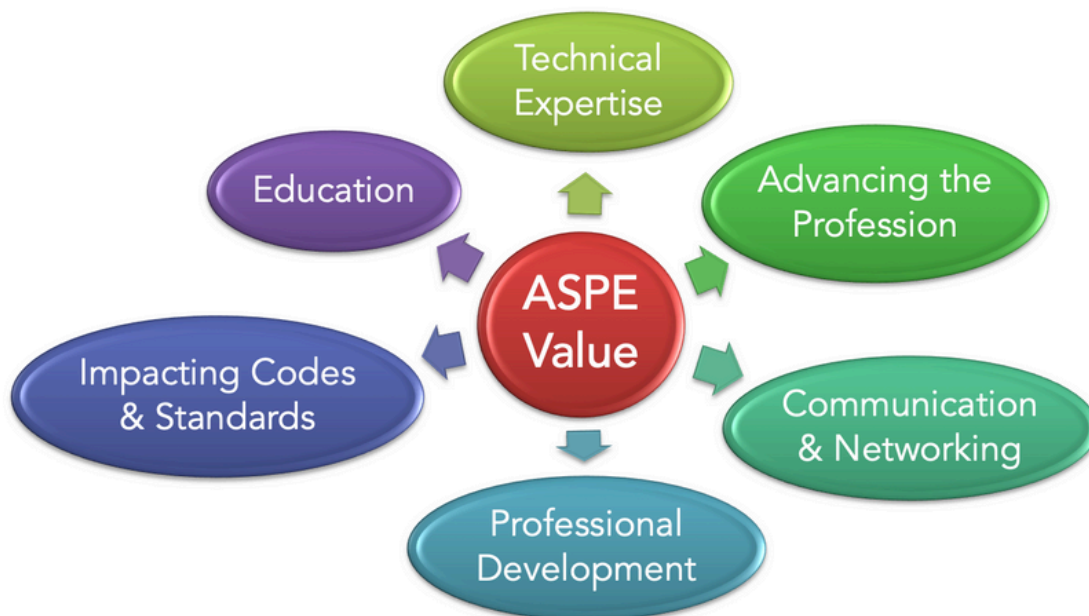


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## ASPE Purpose

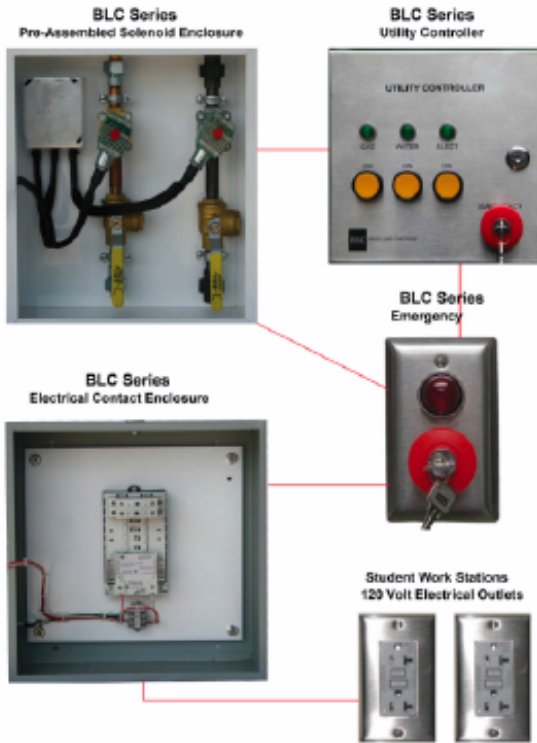
The core purpose of the American Society of Plumbing Engineers is to continually enhance and promote the profession of plumbing engineering design while assisting in improving the health, welfare, and safety of the public on a global scale.



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

Code	Publisher	Effective Date
2015 International Residential Code (with Houston Amendments)	ICC	April 1, 2022
2015 International Building Code (with Houston Amendments)	ICC	April 1, 2022
2015 International Fire Code (with Houston Amendments)	ICC	April 1, 2022
2015 International Existing Building Code (with Houston Amendments)	ICC	April 1, 2022
2015 Uniform Mechanical Code (with Houston Amendments)	IAPMO	April 1, 2022
2015 Uniform Plumbing Code (with Houston Amendments)	IAPMO	April 1, 2022
2018 Swimming Pool and Spa Code (with Houston Amendments)	ICC	April 1, 2022
2020 National Electrical Code (State Mandated) • Administrative Code Provisions (Effective April 1, 2022)	NFPA	November 1, 2020
Sign Code (Chapter 46 of the Houston Building Code)	COH	July 29, 2020
2015 International Energy Conservation Code (with Houston Amendments) - <i>For One and Two-Family Dwellings and Multi-Family 3 stories or less.</i>	ICC	October 24, 2016*
2015 International Energy Conservation Code (with Houston Amendments) - <i>For Commercial Structures, including Residential Structures more than 3 stories</i>	ICC	December 9, 2016*
ASHRAE 90.1-2013 (with Houston Amendments) - <i>For Commercial Structures, including Residential Structures more than 3 stories</i>	ASHRAE	December 9, 2016*
2012 Code Words - various sections interpreted and administrative policies	COH	N/A

\* The enforcement of Chapter 11 of the 2015 International Residential Code became mandatory by state law effective September 1, 2016. The enforcement of the 2015 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  
920 Colorado P.O. Box 12157  
Austin, Texas 78711

Toll-Free (in Texas) 800-803-9202  
Tel: (512) 539-5669  
Fax: (512) 539-5690  
TDD: (800) 735-2989  
<https://www.tdlr.texas.gov/ab/abtas.htm>

The Houston Amendments to the Codes, the Sign Code, and 2012 Code Word can be downloaded at:  
<https://www.houstonpermittingcenter.org/help/codes>



Main Line: 832-394-9000

Main Email: [Houston.PermittingCenter@houstontx.gov](mailto:Houston.PermittingCenter@houstontx.gov)

**MECHANICAL, ELECTRICAL, AND PLUMBING PLAN REVIEW**

LAST, FIRST NAME	TITLE	EMAIL	PHONE	2nd LANGUAGE
<b>LY, LEVAN</b>	<b>Administration Manager</b>	<b>LeVan.Ly@houstontx.gov</b>	<b>832-394-9186</b>	<b>Vietnamese</b>
<b>HVAC/MECHANICAL</b>				
DUONG, DUKE	Sr. Plan Analyst	Duke.Duong@houstontx.gov	832-394-9220	
LY, NIEM	Sr. Plan Analyst	Niem.Ly@houstontx.gov	832-394-9493	
STALLINGS, GREGORY	Sr. Plan Analyst	Gregory.Stallings@houstontx.gov	832-394-9183	
TU, BILLY	Sr. Plan Analyst	Billy.Tu@houstontx.gov	832-394-9070	
<b>ELECTRICAL</b>				
<b>MENDOZA, JESSE</b>	<b>Plan Analyst Supervisor</b>	<b>Jesse.Mendoza2@houstontx.gov</b>	<b>832-394-9184</b>	
FORD, JOPLIN	Sr. Plan Analyst	Joplin.Ford@houstontx.gov	832-394-9205	
FOWLER, WILLIAM	Sr. Plan Analyst	William.Fowler@houstontx.gov	832-394-9222	
HERNANDEZ, RACIM	Sr. Plan Analyst	Racim.Hernandez@houstontx.gov	832-394-9167	
LOPEZ, JOSE	Sr. Plan Analyst	Jose.Lopez2@houstontx.gov	832-394-8917	<b>Spanish</b>
MALDONADO, GABRIEL	Sr. Plan Analyst	Gabriel.Maldonado@houstontx.gov	832-394-9378	
<b>PLUMBING</b>				
<b>SPILMAN, STEVE</b>	<b>Plan Analyst Supervisor</b>	<b>Steve.Spilman@houstontx.gov</b>	<b>832-394-9174</b>	
LEWIS, BOBBY	Sr. Plan Analyst	Bobby.Lewis@houstontx.gov	832-394-9175	
LOGAN, RUSSELL	Sr. Plan Analyst	Russell.Logan@houstontx.gov	832-394-9176	
SPELL, CASSIDY	Sr. Plan Analyst	Cassidy.Spell@houstontx.gov	832-394-9524	
WARREN, RICHARD	Sr. Plan Analyst	Richard.Warren@houstontx.gov	832-394-9182	

**ONE STOP AND RESIDENTIAL PLAN REVIEW**