

---

HOUSTON CHAPTER

---

# ASPE Newsletter

---

Chartered July 10, 1968

JUNE 2024

Houston, Texas

---



---

## Houston ASPE Board of Directors



Jaime Cruz  
Chapter President



Billy Turcios, CPD.  
VP Technical



Curtis Dady  
VP Membership



Dave Cropper  
VP Legislative



Chris Tuey  
Administrative Secretary



Geoffery Moore  
Treasurer



Hannah Harris, P.E., CPD  
Corresponding Secretary

---

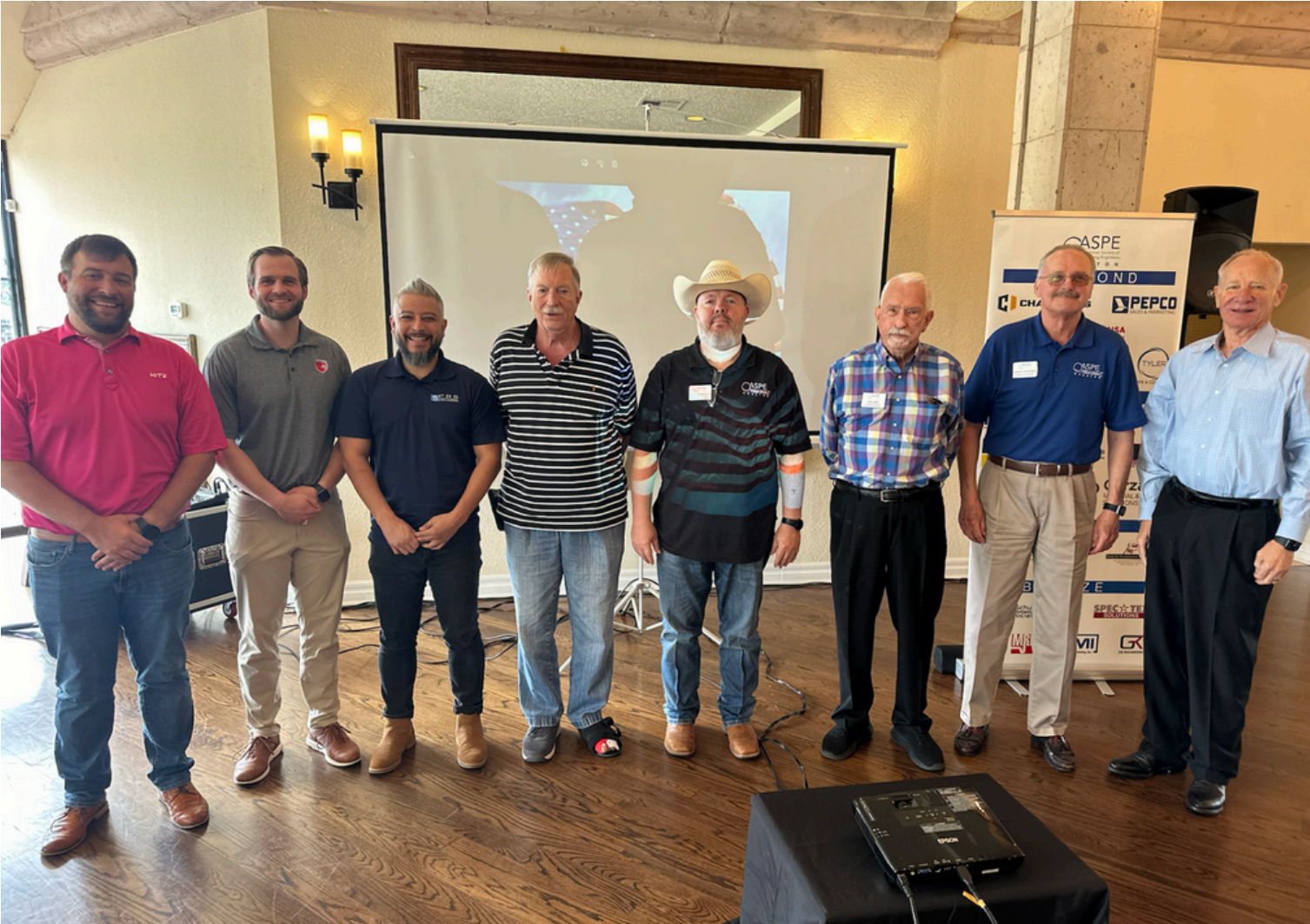
**OUR ASPE BOARD OF DIRECTORS GETTING  
REINSTATED AND SWORN IN.**



Curtis Dady handing out Anniversary Pens at our montly meeting!



Ron Brown -45 Year Pen!!



# Summer Fling

Saturday, June 29, 2024

## When:

- ▶ Boarding: 6:00 p.m.
- ▶ Clear Lake Cruise: 7:00-10:00 p.m.

## What:

- ▶ Limited alcohol, heavy hors d'oeuvres
- ▶ Fun live steel drum music
- ▶ Rain or shine

## Where:

### Houston Party Boat

South Shore Harbour Resort & Conference Center  
2500 S. Shore Blvd., League City, Texas

- ▶ Contact the resort directly to check room availability if you don't want to drive home after the event. We want everyone to be safe.

## RSVP:

- ▶ Limited to the first 45 who RSVP
  - ▶ Deadline: June 20, 2024
  - ▶ \$20.00 /member\* and plus one
  - ▶ Contact Chris Ennis: [c.ennis@firedsi.com](mailto:c.ennis@firedsi.com)
- \*Not an ASPE member? Join now and come as ASPE's guest!

Join ASPE's Houston Chapter  
for an exciting cruise on Clear Lake!



---

# President

---



ASPE Houston Newsletter  
June 2024

Greetings, ASPE Family! I hope all is well with you and your families. As you prepare for your summer vacation, I wish you smooth and successful final preparations. Enjoy your well deserved break!

At last month's general meeting, we held our annual elections and installed the new Houston ASPE chapter Board of Directors (BOD). The names and contact information for each member are included in this newsletter. As always, please feel free to contact any of us directly regarding any ASPE-related issues, and we will help to provide assistance. I would like to thank all the returning and new BOD members for volunteering their time and efforts for the continued benefit of our chapter.

By now you should have gotten an invitation to our summer outing. Chris Ennis has set up a nice boat cruise on Clear Lake set for June 29, 2024. Please be sure to RSVP as space is limited, you don't want to miss out on this.

Additionally, the Region 5 President's Meeting is approaching and will be held in Tulsa, Oklahoma, on Saturday, June 8, 2024. Several of us will be attending. At this gathering, we will discuss and learn about the current state of the chapters in our region. We will keep you informed of any new developments.

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

---

# VP Technical

---



Dear ASPE Houston Chapter Members,  
June 2024,

We hope everyone is enjoying the hot Houston weather by the pool, lakes, or beach. Chris Ennis has planned another exciting social event for all of us to have fun this June, so please keep an eye out for the flyers with all the details. And don't forget about our annual Space Cowboys event in Sugarland this August—it's always a highlight of our year! As always, feel free to reach out to me with any suggestions regarding speakers or topics for future meetings. Remember, ASPE is a fantastic way to earn CEUs and network with industry professionals. Stay cool and see you soon!

If you are interested in presenting or have a technical topic in mind, please contact me at [theturciosfam@gmail.com](mailto:theturciosfam@gmail.com), or 832-229-7819.

Thank you,  
Billy Turcios  
VP Technical

# VP Membership



**Welcome new and returning members:** Pablo Espinoza, Jaime Gomez (New Age Casting), Zachary Kley (DBR), Blake Locke (ABT), Carlos Martinez (Guardian Eqpt), Matthew Munniks, BJ Shrader (McWane), Steven Smith (Page)

Chapter	May 2022	May 2024	% Change
Chicago	259	298	15%
Dallas/Ft. Worth	205	274	34%
Houston	196	245	25%
Wisconsin	130	167	28%
Central Texas	105	150	43%
Minnesota	157	147	-6%
Kansas City	116	133	15%
St. Louis	110	127	15%
Omaha	70	72	3%
Oklahoma	66	71	8%
Arkansas	34	52	53%
Central Illinois	31	31	0%
Lubbock High Plair	12	10	-17%
<b>Region 5 Total:</b>	<b>1491</b>	<b>1774</b>	<b>19%</b>

**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.

# Thank you Lubrizol

Topic: CPVC in Commercial Applications



# 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!**



# 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



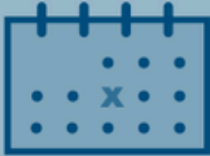
## OUR MEMBERS

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



# 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



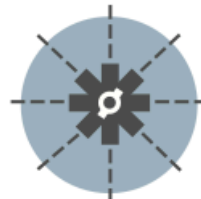
Medical gas & vacuum



Compressed air



High-purity water



Fire suppression



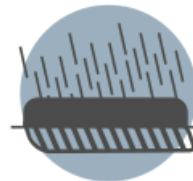
Chemical waste



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:

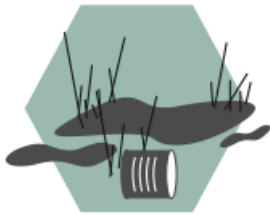
PLUMBING SYSTEM DESIGN	COMMISSIONING
PROJECT MANAGEMENT	CODE & STANDARD EXPERTISE
CONSTRUCTION ADMINISTRATION	FORENSIC & SUBSURFACE SYSTEM EVALUATION
BUILDING INFORMATION MODELING (REVIT)	COST ESTIMATION
PRODUCT & SYSTEM SPECIFICATION	PROBLEM SOLVING

## PROTECTING PEOPLE & THE ENVIRONMENT

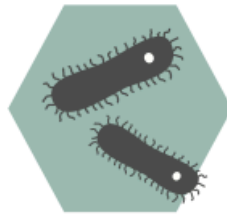
**PLUMBING ENGINEERS** help eliminate many of the threats that sicken people and harm the environment on a global scale by:



**Delivering** safe drinking water & sanitation systems



**Combating** groundwater contamination & depletion

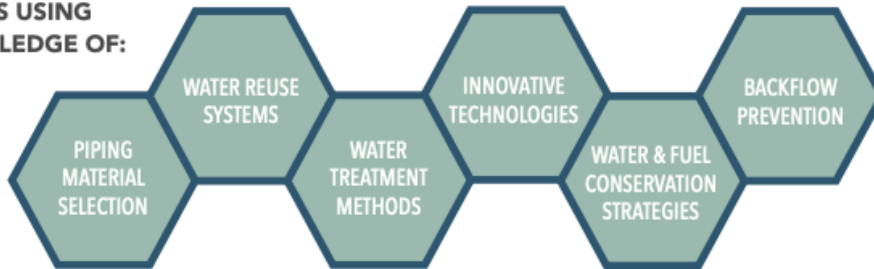


**Preventing** waterborne diseases



*"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



---

# 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



**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.

---

**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!



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!*



Ricky L. Nietsche CPD  
Derrall Jay Ahart  
Michael Albert Balboni  
Ronald W. Brown P.E.  
Brooke Enochs LEEP AP, P.E.  
Andrew Richard Hohler  
Gary Wayne Hunter  
Syed Sadiq-Raza Jaffari  
Stephen L. Jones  
Christopher Blake Locke  
Alfredo H. Martinez  
Carlos Martinez  
Charline Rene Mclauchlin  
John A. Moehring  
Everett Joe Scott  
Alvin Michael Simonson  
John Neilson Toland  
Christopher Joseph Tuey

Only One Tankless Is  
**Built to be the Best®**



**INFINITI® GS & GR TANKLESS GAS WATER HEATERS**

- Robust stainless steel heat exchanger for longer life
- Residential and commercial applications
- Cascade and common venting between standard and recirculation models



713-674-8735

[www.pmi reps.com](http://www.pmi reps.com)

©2024, Bradford White Corporation. All rights reserved

[WWW.ALBERTSTERLING.COM](http://WWW.ALBERTSTERLING.COM)



**ALBERT STERLING & ASSOCIATES, INC.**

Houston  
 (713) 780-1600

**THE FIRST CONCEALED  
 IN THE WALL  
 ELECTRIC TANKLESS WATER HEATER**

SAN ANTONIO  
 (210) 349-9828



**CHRONOMITE** Since 1966  
 Electric Tankless Water Heaters

**BENEFITS**

- Provides bathroom flexibility
- Can serve single or multiple lavatories
- Available with prefabricated Disconnect Switch
- Matches bathroom walls for a seamless look
- 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)
- Meets energy code by supplying hot water in under 6 seconds

**CircuitSolver®**  
 A ThermOmegaTech® brand

Thermostatic Balancing Valves  
 for Domestic Hot Water  
 Recirculation Systems



**CHOOSE YOUR PERFECT FIT**



(713) 674-8735

[www.pmi reps.com](http://www.pmi reps.com)

**The Comprehensive Approach to Fire Protection.**

The most important component to fire protection is security. This security is gained through the knowledge that each and every step of any fire protection project is always handled with the utmost care and given the utmost attention. This security comes with the combined experience of 100 years of specialty fire detection & suppression offered to all the clients of Detection & Suppression International, Ltd.

DESIGN \* DEVELOPMENT \* MARKETING \* INSTALLATION \* SERVICE  
 FEASIBILITY STUDIES \* CONCEPTUAL DESIGN \* SPECIFICATION GUIDES  
 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.**  
 5829 West Sam Houston Parkway North, Suite #1111  
 P.O. Box 41302 • Houston, Texas 77041-1302  
 Phone: 832-467-9090 • Fax 832-467-9091  
 Visit us on the web at: [www.FireDSI.com](http://www.FireDSI.com)



---

# Career Opportunities

---



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).

---

# 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: [afritsche@garnerfritsche.com](mailto:afritsche@garnerfritsche.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](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!



The use of the logo is not authorized by, sponsored by, or associated with the trademark owner. Any order must be approved by the trademark owner in writing before production begins.



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.

**Retrofittable Toilets • ADA Showers/Shower Valves • Sensor and Manual Faucets • Bariatric and ADA Sinks • Fire Extinguisher Cabinets • Bottle Fillers • Drains • Mirrors • Complete Room Accessories**



Available through:  
**Albert Sterling & Associates**  
(713) 780-1600  
[www.albertsterling.com](http://www.albertsterling.com)

# T&S IS HERE

**PUBLIC VENUES • EDUCATION  
HEALTHCARE • COMMERCIAL OFFICES**

T&S is proud to be a trusted name across a wide range of markets — staying at the forefront of today's evolving industry and providing a vast selection of reliable solutions that meet required codes and compliances.

Learn more at [tsbrass.com/markets](http://tsbrass.com/markets).



Find us in  
**M MASTERSPEC**  
building specs done right

**T&S plumbing products represented in Houston by:  
Stephen & Stephenson - 713-227-7254**

---

# 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

# 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>



---

<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.

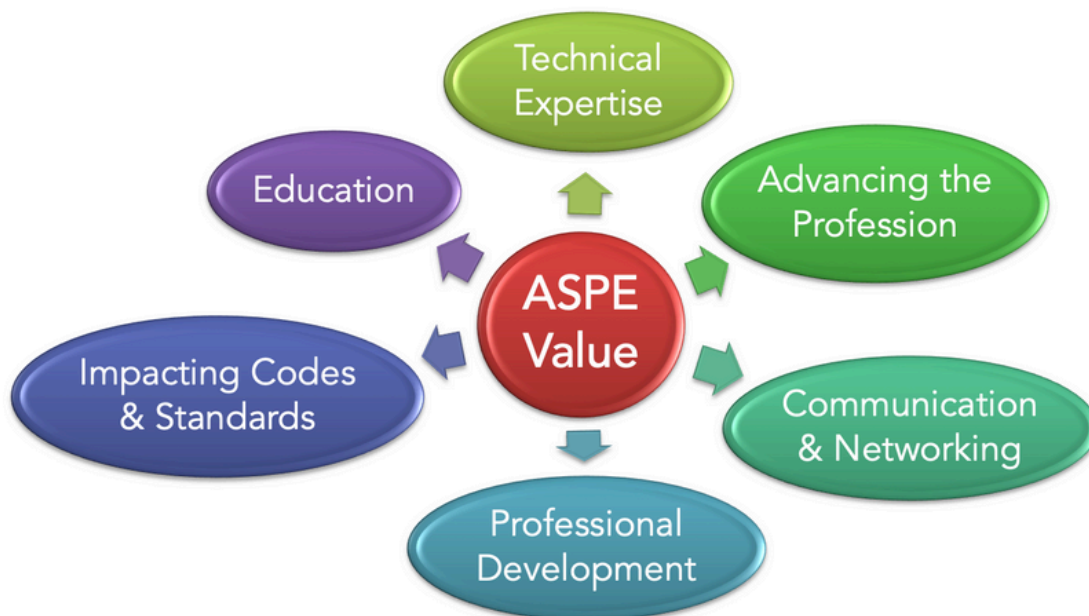


Connect with us  
on Social Media!



## ASPE Purpose

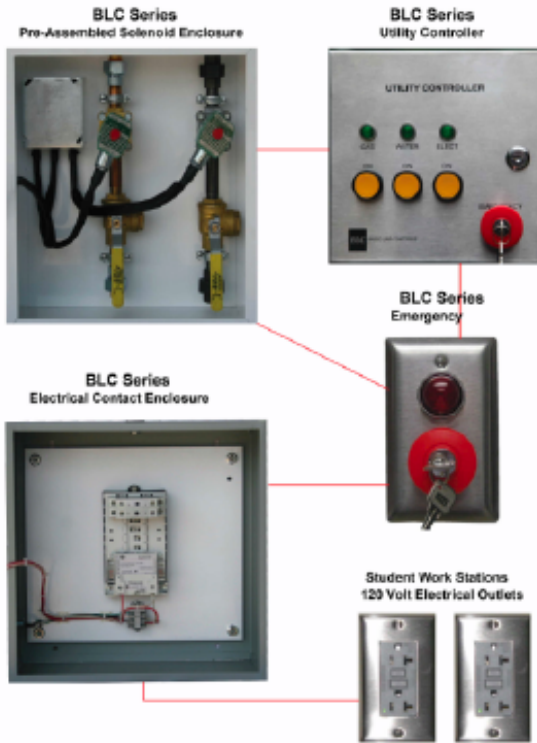
The core purpose of the American Society of Plumbing Engineers is to continually enhance and promote the profession of plumbing engineering design while assisting in improving the health, welfare, and safety of the public on a global scale.



### BASIC LAB CONTROLS

BLC Series Science Classroom Safety System

UL Listed and Certified to UL 508-A  
Manufactured and Assembled in Texas



**PIPE  
PLACED HERE  
PROTECTS  
ROOFS.**

**MAPA  
PRODUCTS**

[www.mapaproducts.com](http://www.mapaproducts.com)

Innovative rooftop supports since 1998

**MMA**  
MILLER MAYS & ASSOCIATES

713.690.7411



**ISMET**

**Utility controllers for school science labs:  
Keep students, teachers and facilities safe.**



**MMA**  
MILLER MAYS & ASSOCIATES  
713.690.7411

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](mailto: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>



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