

---

HOUSTON CHAPTER

---

# ASPE Newsletter

---

Chartered July 10, 1968

March 2023

Houston, Texas

---



President

**Jeremy Charmchizadeh**, PE, GPD,  
LEED green associate  
president@aspehouston.com

VP-Technical

**Jaime Cruz**  
vptechnical@aspehouston.com

VP-Legislative

**Dave Cropper**  
vplegislative@aspehouston.com

VP-Membership

**Curtis Dady**  
vpmembership@aspehouston.com

Treasurer

**Geoffrey Moore**  
treasurer@aspehouston.com

Administrative Secretary

**Billy Turcios**, CPD  
administrativesecretary@  
aspehouston.com

Corresponding Secretary

**Chris Tuey**  
correspondingsecretary@  
aspehouston.com

---

*Still time left!*

## CPD REVIEW CLASS

This Weekend May 4th and 5th

10 am -3 pm

Virtually and In Person

Register Today!



[CLICK HERE](#)

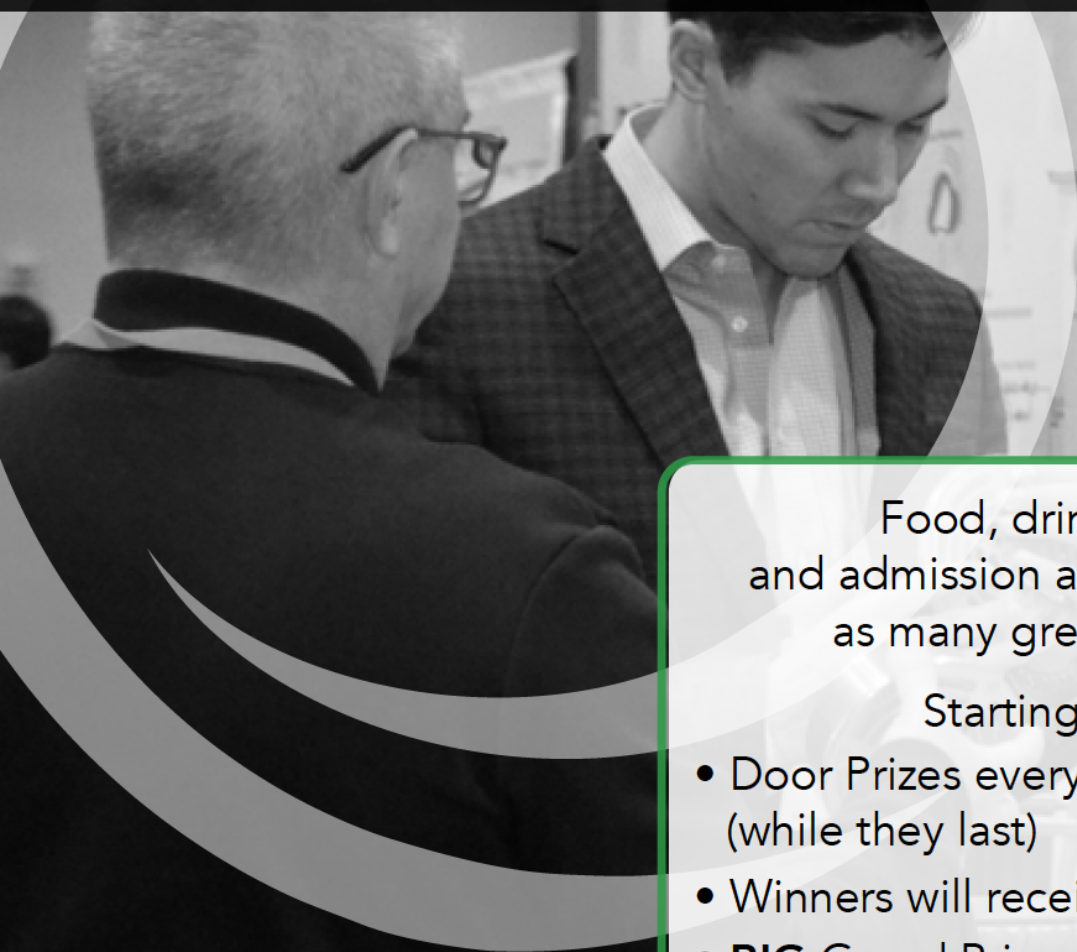
---



## ANNUAL PRODUCT SHOW

Wednesday, April 5th, 2023 | 4:30 to 8:30 P.M.

SAM HOUSTON RACE PARK | 7575 North Sam Houston Parkway | Houston, TX



Food, drinks, parking, and admission are included as well as many great door prizes!

Starting at 5 P.M.:

- Door Prizes every 30 minutes (while they last)
- Winners will receive text
- **BIG** Grand Prize at 8:30 P.M.

[CLICK HERE | PREREGISTER TO EXPEDITE ENTRY](#)



For more information contact  
Product Show Chairman: Greg Salter  
at [gsalter@pepcosales.com](mailto:gsalter@pepcosales.com)  
or 832-202-4032

# ASPE PRODUCT SHOW REGISTRATION IS NOW OPEN!

PLEASE JOIN US FOR THE ANNUAL ASPE  
HOUSTON CHAPTER PRODUCT SHOW

## TICKETS

\$0.00 Engineers / Plumbi  
City official / School Distr

\$0.00 Plumbing Contract

\$0.00 Exhibitor / Manufa  
Representative



Noted as one of the ASPE's largest local product shows, the ASPE Houston Product

CLICK  
HERE

---

# President

---



**Jeremy Charmchizadeh, PE,  
GPD, LEED Green,**

ASPE Houston,

It's Product Show season! We are now one month away from the Chapter's annual Product Show and the countdown is on. For those that have registered to exhibit, I thank you. The chapter always appreciated the support from the local community. It is a testament to the dedication of those in the Houston plumbing community. At regional and even national meetings or calls other chapters and officers are always asking how we make our Product Show so successful. And the reason is you along with the committee members that help plan and organize this great event. Also don't forget that World Plumbing Day is this March 11th. It's a day for all of us to shine so please take some time to relish in it. If any of our members company's celebrate or recognize World Plumbing Day we encourage you to post pictures or posts to the Chapters LinkedIn page and tag the Chapter. You can even hashtag #HTXASPE #WorldPlumbingDay if you feel so inclined or bold! Lastly, membership is surging! We now have 224 members in the Houston chapter. To my knowledge that is the highest roster count the Chapter has ever seen! I have to give a shout out to our VP, Membership – Curtis Cady – on the excellent job of increasing our ranks. Thank you Curtis! Again, thank you to every one of you to make our chapter one of the great one. I will see you all at the Product Show.

Thank you,  
Jeremy Charmchizadeh  
President



---

# VP Technical

---



**Jaime Cruz**  
**VP, Technical**

YEE-HAW! It's Rodeo time everyone and I'm sure you're ready for some smoked meats and ice-cold beverages that will be enjoyed at our famous HLS&R at NRG Stadium. How about we show some support and wear your finest outfit and cowboy hat for our next meeting? I know Donald Taylor sure will. A big thank you to Brian O'Keefe for his very informative presentation on drinking fountains and for sponsoring lunch for designers/engineers. In addition to our famous Rodeo, it's almost time for our 2023 ASPE Product Show. The product show committee is putting the final touches on all of the details. We are also currently in the final stages of finalizing the seminar schedule and will be launching it soon.

For our March meeting, find us returning to Dukessa for our general monthly meeting. Our technical speaker will be the one, the only Mr. Mark Tench with BeaconMedaes. He is a well know ASPE supporter and medical gas specialist known by most in our industry. The topic will be Medical Gas Updates / Questions and Answers.

All technical speaker slots for our general meeting are full at this point. You can still contact me with any suggestions regarding speakers or topics for future openings. Please remember ASPE is a great way to obtain CEUs and network with many of the most knowledgeable people in the plumbing industry. Meetings are also posted on our Houston ASPE-Meeting section as we secure speakers for the month.

If you are interested in presenting or have a technical topic in mind, please get in touch with me at [Jaime.cruz78@att.net](mailto:Jaime.cruz78@att.net), or at 281-802-8005.

Stay safe!

Thanks,  
Jaime Cruz  
VP, Technical

---

# February Technical meeting!





# VP Membership



**Welcome new members:** Jarrett Hopper, Marcus Asmar, Tom McBride, Justin Adams, Damion Sanford, Ernie Chuter, Julia Barnes.

## Region 5 membership standings:

CHAPTER	Feb 7 2022	Feb 7 2023	% Change
Chicago	252	272	8%
Dallas/Ft. Worth	199	227	14%
Houston	173	224	29%
Minnesota	160	159	-1%
Wisconsin	134	158	18%
Central Texas	108	120	11%
Kansas City	118	118	0%
St. Louis	107	116	8%
Omaha	71	76	7%
Oklahoma	63	72	14%
Arkansas	28	37	32%
Central Illinois	29	32	10%
Lubbock High Plains	13	11	-15%
<b>Region 5 Total:</b>	<b>1455</b>	<b>1622</b>	<b>11%</b>

**The Houston Chapter Board of Directors appreciates help from each of you for recruiting colleagues and contacts to the ASPE Houston Chapter!**

## 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.



# 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

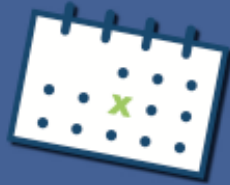


**PE license** counts toward 2 years of experience

# 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)  
[certification@aspe.org](mailto:certification@aspe.org)



# Click Book to Download



---

*2023 Bulletin of Information*

AN INTERNATIONAL PROGRAM  
FOR THE CERTIFICATION OF  
PLUMBING ENGINEERING  
PROFESSIONALS



**The 2023 CPD Exam fees are:**

**ASPE Members \$450**

**Nonmembers \$675**

# March 17th

*HAPPY ST. PATRICKS DAY!*



---

# Special Interest Groups

---

Women  
of ASPE®

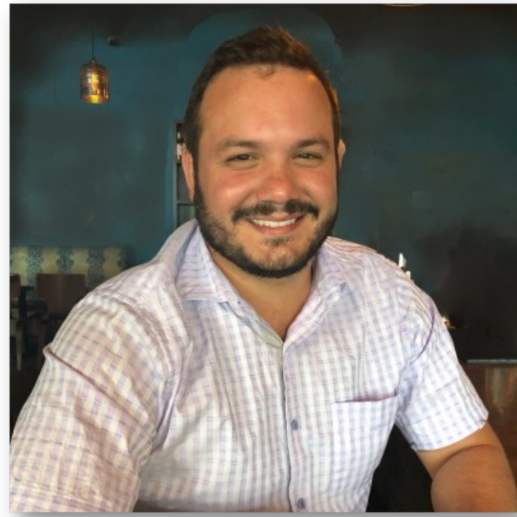


**Ashley Moon**

The Women of ASPE The mission of Women of ASPE (WOA) special-interest group is to engage, retain, and advance women in the plumbing design industry through education, leadership development, and networking opportunities. It is open to women who have an active membership with the American Society of Plumbing Engineers. Some of the activities include:

- 3 Mentoring programs
- 3 Membership growth outreach efforts
- 3 Fostering partnerships with industry-related associations
- 3 Various educational offerings

ASPE  
YOUNG  
PROFESSIONALS



**Joe Brewer**

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.

**BRADFORD WHITE**  
WATER HEATERS

Built to be the Best

## MORE PROTECTION THAN EVER

Vitraglas® is an exclusive enamel tank lining that provides unsurpassed protection from the corrosive effects of water. Microban® antimicrobial technology provides additional product protection by helping to prevent the growth of bacteria, mold and mildew on the surface of the tank lining.

**Bradford White Microban® specifications can be accessed in the following locations:**

- BSD Speclink to get Microban® integrated into the platform.
- MasterSpec to get Microban® integrated into the platform.
- Specification section on the Bradford White website (scan the code to access).

**VITRAGLAS**  
SUPERIOR PROTECTION SINCE 1951

+ **MICROBAN**

**PMI**  
Sales and Marketing, Inc.

Curtis Dady  
(346) 287-6939  
CurtisD@PMIreps.com

Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobial properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company. ©2022, Bradford White Corporation. All rights reserved.

**CircuitSolver**  
A ThermOmegaTech® brand

## Thermostatic Balancing Valves for Domestic Hot Water Recirculation Systems



Automatically and continuously maintain the right temperature at your fixtures

**CHOOSE YOUR PERFECT FIT**

**PMI**  
Sales and Marketing, Inc.

(713) 674-8735  
www.pmiireps.com

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
- 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

**CODE COMPLIANCE**

## 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



# MEP SPOTLIGHT



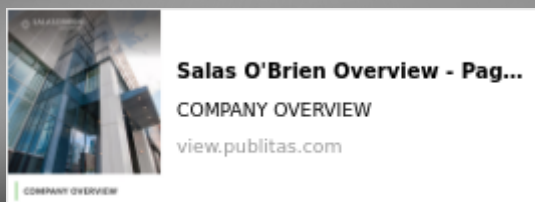
SALAS O'BRIEN

| expect a difference |

## Who We Are

Salas O'Brien is an employee-owned firm providing building and facility solutions to clients across North America. Our team of engaged experts focuses on achieving high quality, great relationships, and a sustainable future.

We help clients in a variety of industries by providing mechanical and electrical engineering as well as consulting for district utilities, site planning, technology, fire protection, industrial process engineering, architecture, and more. Our specialized experience includes design for data centers, healthcare, science and technology, high-rise buildings, clean energy, education, and other building types.





*Save the Date!*

The 2023 ASPE Tech Symposium is a two and one-half-day conference held at the Hyatt Bellevue, Bellevue, Washington. This is a premier opportunity for plumbing engineers and designers at all career levels to engage in productive technical exchanges and networking.

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

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

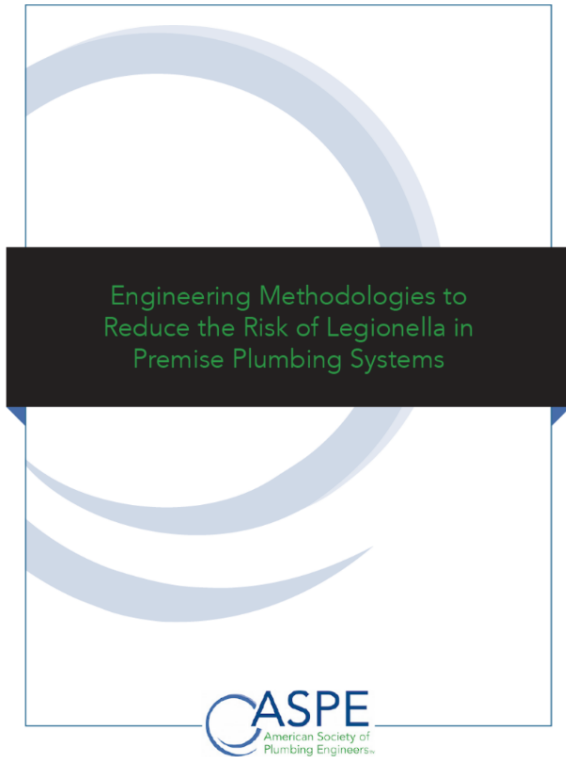
# NOW AVAILABLE

Engineering Methodologies to Reduce the Risk of Legionella in Premise Plumbing Systems (eBook requires Adobe Digital Editions)

Price: \$129.95

Member Price: \$99.95

This is the first comprehensive guide that incorporates the latest tools, methodologies, and best practices for design professionals to minimize disease and injury from Legionella pneumophila bacteria related to building water systems.



Engineering Methodologies to Reduce the Risk of Legionella in Premise Plumbing Systems (Electronic Download eBook requires Adobe Digital Editions)

With increasing Legionnaires' disease outbreaks, many organizations have written guidelines and standards to mitigate its occurrence. However, Engineering Methodologies to Reduce the Risk of Legionella in Premise Plumbing Systems is the first comprehensive guide that incorporates the latest tools, methodologies, and best practices for design professionals to minimize disease and injury from Legionella pneumophila bacteria related to building water systems. It provides practical and actionable design steps in reducing the risk of Legionella.

#### Contents

- Contributing Factors for Legionella Growth and Transmission
- Inter-relation of Contributing Factors
- Plumbing System Components and Spectrum of Results
- Water Quality
- Domestic Cold Water System Design
- Hot Water System Design
- Flushing
- Scale Inhibition
- Plumbing Fixtures
- Aerating Equipment
- Water Management Program
- Combining Design Methodologies
- Qualifications/Certification/Recertification
- Appendix A: Hot Water Recirculation Design and Sizing
- Appendix B: Flushing Time
- Appendix C: Legal Considerations
- Appendix D: Pressure Zone Design
- Appendix E: Water Quality
- Appendix F: Design Approach

---

# Carrer 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!



## TELIOS

### **Entry Level Plumbing Engineer in Houston, TX**

Position available for a mechanical engineer with a primary focus on plumbing, hydronics, and fire protection system design. Market focus will be commercial, corporate office, healthcare, and industrial facilities. Specific areas of responsibility include the following:

Designing plumbing and fire protection systems for a fully operational facility.

REVIT based design production.

Assisting in the coordination of project designs with other disciplines.

Attending construction site observation and construction administration meetings.

Maintaining positive client relationships.

Production of project-specific plumbing, hydronics, and fire protection specifications.

Minimum Criteria

Bachelor's degree in Architectural or Mechanical Engineering.

E.I.T. is preferred, but not required.

Strong quality control of documents.

Please submit resume to [career@teliospc.com](mailto:career@teliospc.com).



# TELIOS

## **Mid-Level Plumbing Engineer in Houston, TX**

Position available for a mechanical engineer/plumbing designer with a primary focus on plumbing, hydronics, and fire protection system design. Market focus will be commercial, corporate office, healthcare, and industrial facilities. Specific areas of responsibility include the following:

Designing plumbing and fire protection systems for a fully operational facility.

REVIT based design production.

Assisting in the coordination of project designs with other disciplines.

Attending construction site observation and construction administration meetings.

Maintaining positive client relationships.

Production of project-specific plumbing, hydronics, and fire protection specifications.

### Minimum Criteria

3 to 7 years experience in plumbing systems design

Bachelor's degree in Architectural or Mechanical Engineering is preferred, but not required.

E.I.T. is preferred, but not required.

Strong quality control of documents.

Please submit resume to [career@teliospc.com](mailto:career@teliospc.com).

If you or your company would like to post a job on our ASPE news letter please email [zed@championsmarketing.net](mailto:zed@championsmarketing.net)



# 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.

## Oslin Nation Co.

Hydronic and Plumbing Solutions Since 1943

The right brands, the right equipment,  
the right experience to get your job done right.



### WEIL

Pump  
A WILO COMPANY

 **Bell & Gossett**  
a xylem brand

- Pumps
- Water Heaters
- Booster Systems
- Flexible Connections



1-800-293-2506 • [www.onco-tx.com](http://www.onco-tx.com) • [sales@onco-tx.com](mailto:sales@onco-tx.com)



**BestCare®**  
Behavioral Healthcare and Ligature Resistant Products

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**

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**

Board of Governors Chairman, Society Education Committee

## **Zed Hernandez**

Webmaster, Newsletter/ Social Media Director

## **Greg Salter / Jaime Cruz**

Product Show Chair/ Co-chair

## **Greg Swafford**

Region 5 Affiliate Liaison

## **Chris Ennis, CET**

Chapter Social Director

## **Cyril Unger**

Society Chair, Legislative Committee

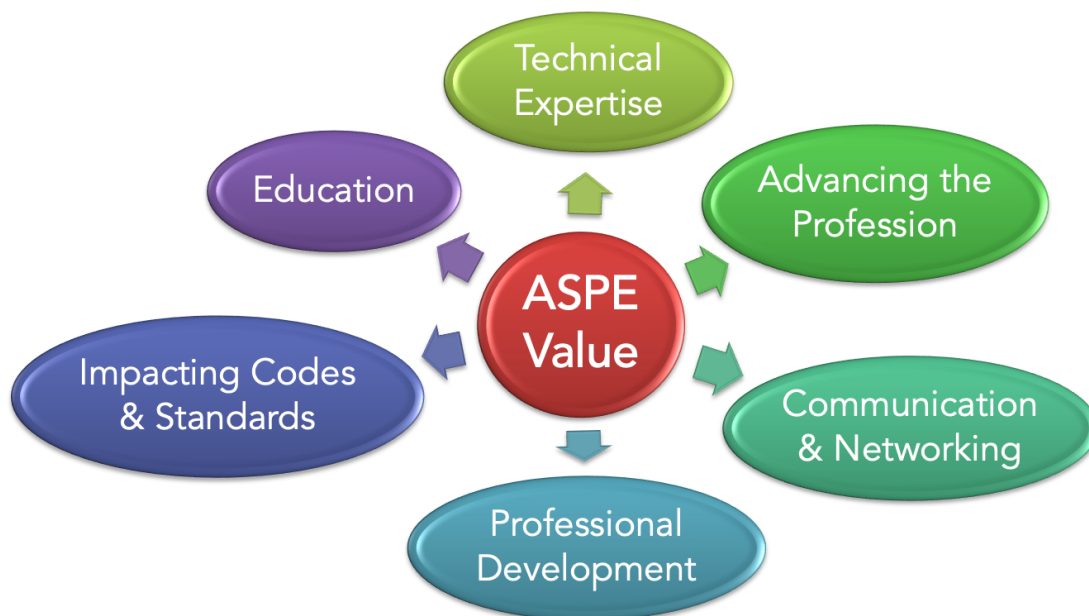


Connect with us  
on Social Media!



## 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.





March

Edwin Aguilar  
Donald Billings  
Sterling Bowman  
Zach Bukowski  
Marisol Carranza  
Dan Caufield  
Kevin Contreas  
David Gassman  
Hannah Harris  
Robert Lemon  
Alamex Martinez  
Elbert McKinlay  
Mark Milstead  
Shellie Natho  
Jeffrey Perry CPD  
Nic Piano  
Melvin Pipes  
Jim Satler  
Jeffrey serrano P.E  
Donald Taylor CPD,GPD,FASPE  
Mark Tench  
Shane Wisenberg



August

- 08/20/22 Summer Outing at Skeeters Game
- 08/12/22 ASPE Houston BoD Meeting

September

- 09/07/22 Houston Chapter Meeting
- 09/12/22 ASPE Houston BoD Meeting
- TBD Houston AYP Event
- TBD Houston WOA Event
- TBD Product Show Committee Meeting
- 09/16/22 -
- 09/22/22 ASPE Convention & Expo

October

- 10/05/22 Houston Chapter Meeting
- 10/14/22 ASPE Houston BoD Meeting
- TBD Houston AYP Event
- TBD Houston WOA Event
- TBD Product Show Committee Meeting

November

- 11/02/22 Houston Chapter Meeting
- 11/11/22 ASPE Houston BoD Meeting
- TBD Houston WOA Event
- TBD Product Show Committee Meeting
- TBD Intermediate Plumbing Design Course
- TBD Revit Training Workshop

December

- 12/03/22 Chapter Christmas Party
- TBD Product Show Committee Meeting
- TBD Houston AYP Event

January

- TBD Houston Plant Tour
- 01/13/23 ASPE Houston BoD Meeting

February

- 02/01/23 Houston Chapter Meeting
- 02/10/23 ASPE Houston BoD Meeting
- TBD Houston AYP Event
- TBD Houston WOA Event
- 02/19/23 -
- 02/25/23 Engineer's Week (U.S.)
- TBD Product Show Committee Meeting

March

- 03/01/23 Houston Chapter Meeting
- 03/10/23 ASPE Houston BoD Meeting
- TBD Houston AYP Event
- TBD Houston WOA Event
- TBD CPD Exam Review Course
- TBD CPD Mock Exam
- 03/11/23 World Plumbing Day
- TBD Product Show Committee Meeting

April

- 04/05/23 ASPE Houston Product Show
- 04/14/23 ASPE Houston BoD Meeting

May

- 05/03/23 Houston Chapter Meeting
- 05/12/23 ASPE Houston BoD Meeting
- TBD Houston AYP Event
- TBD Houston WOA Event

June

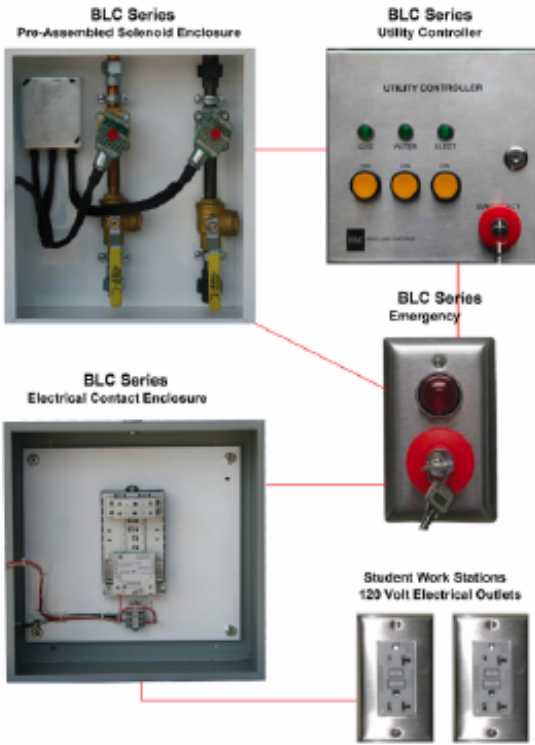
- TBD Joint meeting with IAPMO/ASSE
- 06/16/23 ASPE Houston BoD Meeting
- TBD Houston AYP Event
- TBD Houston WOA Event

July

	Chapter		Board of Directors
	AYP		Product Show
	WOA		Convention/Technical Symposium

**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

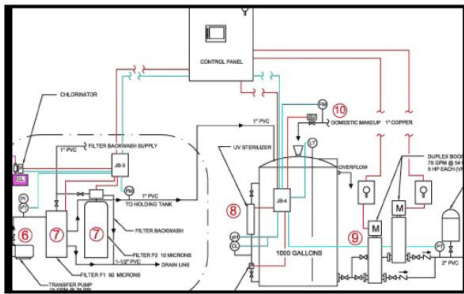
Innovative rooftop supports since 1998

**MMA**  
MILLER MAYS & ASSOCIATES

713.690.7411



**Wahaso provides complete design/ build  
water harvesting solutions services  
for Commercial projects**



- Rainwater Systems
- Grey Water Systems
- Stormwater Systems
- Condensate Systems
- Multi-Source Systems
- Storage Systems



**COUGAR★USA**  
The Lone Star in Water Control

14824 Tomball Parkway,  
Suite 150  
Houston TX 77086  
832-912-7500



**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
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>



# Plans review Contacts

Steve Spillman

Plan anylist Supervisor Plumbing

832-394-9174

Bobby Lewis

832-394-9175

Russell Logan

832-394-9176

Cassidy Spell

832-394-9524

Richard Warren

832-394- 9182



# 2023 AHR<sup>®</sup> EXPO *Atlanta* FEB 6-8



## 2023 AHR Expo Dates & Location

Monday, Feb 6 >>> 10am - 6pm

Tuesday, Feb 7 >>> 10am - 6pm

Wednesday, Feb 8 >>> 10am - 4pm

Georgia World Congress Center  
Atlanta, Georgia

## Work in the HVACR industry? The AHR Expo is your event.

### Who Exhibits

Manufacturers showcasing products and technology in the following categories:

- Heating
- Cooling
- Refrigeration
- Ventilation
- Plumbing
- Indoor Air Quality
- Building Automation & Control
- Sustainable Solutions
- Software
- Tools & Instruments
- Business Management

### Who Attends

HVACR professionals from every segment of the industry, including:

- Engineers
- Contractors
- OEMs
- Design/Build Professionals
- Wholesalers & Distributors
- Manufacturer's Agents/Reps
- Architects
- Facility Managers
- Public Utility Professionals
- Publishers/Content Producers
- Educators

## Meeting Minutes

### ASPE Houston Board of Directors

**Date:** February 10, 2023  
**Time:** 11:30 am  
**Location:** Saltgrass Steak House

**Board Members:** **(JCP)** Jeremy Charmchizadeh, President  
(JCT) Jaime Cruz, VP Technical  
(CD) Curtis Dady, VP Membership  
(DC) David Cropper, VP Legislative  
(GM) Geoffrey Moore, Treasurer  
(BT) Billy Turcios, Administrative Secretary  
**(CT)** Chris Tuey, Corresponding Secretary

**Board Members Present:** JCP, FD, JI, & CT – Quorum 4 of 9 present

**Others:** **(FD)** Francisco Dehoyos  
Greg Salter  
**(JI)** Jim Ivey  
Joe Brewers

1. Call to order: 11:45 am
2. Motion and 2<sup>nd</sup> to approve previous month's meeting minutes – **PASSED**
3. Motion and 2<sup>nd</sup> to approve previous month's treasurer's report – NOT SUBMITTED
4. (JCP) Survey at previous chapter meeting was good, i.e., a lot of interest in an intermediate-level review class. Let's start organizing. The date is to be sometime before year's end. Use Champion training center in Conroe. **JCP working on the outline. Date to TBD.**
5. World Plumbing Day: Donald Taylor has coordinated and has an agreement with Pearland Junior High East. 550 students 80 kids 17 Groups "All day event". **Date of Event: March 10<sup>th</sup>, 2023.** GK Engineers to provide Pencils with erasers and 18 rulers.
6. Gave go-ahead for Chris Ennis to start planning events for 2023 – Picnic, August outing, Christmas.
7. Francisco working on the next educational seminar, sizing of Nitrogen gas tanks. Newsletter and possibly a chapter meeting class.
8. **NEW BUSINESS:** [Kim Gaskey](#), Daughter offered \$10,000 for ASPE Houston Chapter set up a Golf Event or a Scholarship Fund. During this board meeting suggest a couple of options for doing a scholarship. Next board meeting to discuss.
  - a. \$1,000 per year ASPE to match each year open to first and next of kin within an ASPE member. This might not be open enough to gain interest. Please forward your suggestions to anyone on the board.
  - b. Need 3 members to join a community to run and distribute funds.
9. **Exciting news! We are at 224 members!**
10. Meeting End: 12:58 PM