

HOUSTON CHAPTER

# ASPE Newsletter

Chartered July 10, 1968

December 2023

Houston, Texas



## Houston ASPE Board of Directors



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Chapter President



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VP Technical



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VP Membership



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VP Legislative



Chris Tuey  
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# HOUSTON 2023 CHRISTMAS PARTY

Sunday, December 3 | 6:00 - 9:00 pm



The Bell Tower on 34th  
901 West 34th Street, Houston  
Self-parking

## Casino Night! Live Band! Prizes!

*Enjoy fantastic food, FUN, and drinks with ASPE's Houston Chapter*

- ★ Tickets are \$20 each, which includes two beers or cocktails and buffet. Additional cocktails are cash only (sorry, no credit cards).
- ★ Dress is business casual (Santa suit optional).
- ★ Member and one guest only (no children please).
- ★ Not a member? Join ASPE and ASPE Houston will provide one free entrance ticket.
- ★ Don't gamble? No problem! You will still receive casino bucks to purchase raffle tickets for your chance at winning prizes.

Deadline to RSVP and pay: November 17, 2023

DEADLINE

EXTENDED

RSVP to Chris Ennis at [c.ennis@firedsi.com](mailto:c.ennis@firedsi.com) with the member name and number of tickets. Make sure your email is confirmed. You will then be invoiced accordingly.

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# President

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ASPE Houston Newsletter  
December 2023

Best Wishes for a Merry Christmas! Cold weather finally, at least by our standards anyway. As far as ASPE business goes, this month we will not have a general meeting or technical presentation. Instead, we will hold our ASPE 2023 Christmas Party on Sunday, December 3rd from 6:00–9:00 pm. This event will be held at The Bell Tower on 34th, 901 West 34th Street, Houston, Texas. There will be plenty of food and beverages to go around for those in attendance. We are continuously striving to provide our members with meaningful educational presentations and even sometimes fun chapter meetings along with fun outings.

Our January field trip meeting will take place at the Victaulic Bermand Technologies in Houston, Texas. Look for more information in Billy Turcios VP–Technical newsletter article and our local website.

If you have any ideas for future chapter functions or meeting topics, please contact one of the BOD members. We are always open to suggestions and want to encourage as much member participation as possible. If anyone is interested in getting involved with any of the events that we have in store for this year, please don't hesitate to reach out to me via email or give me a call. Thank You!

Happy Holidays to all! Stay Safe!

Thanks,  
Jaime Cruz  
President



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# VP Technical

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Dear Houston ASPE Members,

December 2023

I hope this message finds you well. I wanted to update you on our December plans as we approach the festive season. In the spirit of the holiday season, we have decided not to host a regular meeting for December. Instead, we invite you to join us for our annual Christmas party, which will be held at **The Bell Tower on 34th**. It promises to be a festive and joyous occasion, providing a wonderful opportunity for networking and celebrating the accomplishments of the past year. We look forward to sharing the holiday spirit with you at this special event. Please RSVP at [www.aspehouston.com](http://www.aspehouston.com).

I'm excited to also share an update on our upcoming January event—the Victaulic Plant Tour! We have an exclusive opportunity to explore and learn firsthand at the Victaulic Plant. This promises to be an insightful and enriching experience, offering us a deeper understanding of the innovative technologies and processes shaping our industry.

Location:

Victaulic Bermand Technologies  
10600 Telge Rd Suite 200  
Houston, TX 77095

Wednesday, January 10th, 2024

6:00 p.m. – 9:00 p.m.

Dinner & Beverages Provided

Raffle Drawing and Door Prizes

RSVP at [www.aspehouston.com](http://www.aspehouston.com)

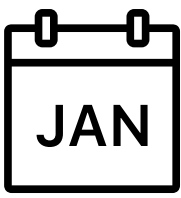
If you are interested in presenting or have a technical topic in mind, please contact me at [Bturcios@PBSEngineers.com](mailto:Bturcios@PBSEngineers.com) or 832-229-7819.

Happy Holidays and a Happy New Year! Stay safe!

Thank you,

Billy Turcios VP of Technical

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# JOIN US FOR

## ASPE Houston Chapter Factory

### Tour

### **Victaulic Bermad Technologies**

10600 Telge Rd Suite 200  
Houston, TX 77095

Wednesday, January 10<sup>TH</sup> 2024

6:00 p.m. - 9:00 p.m.

Dinner & Beverages Provided

Raffle Drawing and Door Prizes

RSVP at [www.aspehouston.com](http://www.aspehouston.com)



**Welcome new members:** Brooke Enochs, LEED AP, PE, Larry Flauteros, Christon Royal

## Region 5 membership standings:

Chapter	Total	PE	CPD	CPD + PE
Chicago	283	53	64	20
Dallas/Ft. Worth	273	70	50	17
Houston	232	33	29	13
Wisconsin	157	35	13	3
Minnesota	147	42	27	6
Central Texas	136	29	23	2
St. Louis	131	34	28	7
Kansas City	124	40	16	7
Oklahoma	72	18	6	0
Omaha	72	13	14	1
Arkansas	48	6	4	0
Central Illinois	30	7	7	1
Lubbock	9	5	0	0

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

**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.



## **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.

# Construction Code Modernization

Now, more than ever, we must be at our strongest and most resilient as we Build Houston Forward.

Together we create a strong foundation for Houston to thrive!

Welcome to the City of Houston's Construction Code Modernization project page! We encourage all stakeholders to participate as we prepare for the adoption of the 2021 Building Codes.

Construction codes significantly mitigate the effects of hurricanes, storm surges, and extreme weather changes. By staying current with our building codes, we can help our residents protect their homes and businesses by providing safer, more resilient construction that will support greater economic security and public safety.

**SIGN UP**

To sign up for trainings, please lead ASPE members to <https://www.houstonpermittingcenter.org/construction-code-modernization>.

As of this moment, we are presenting the following trainings and I'm targeting the week of 01.29 for MEP trainings:

Wed., Jan. 10, 2024 for BOMA trainings (Commercial including Energy Conservation)

Wed., Jan. 17, 2024 for AIA trainings (Commercial and Residential both including Energy Conservation)

Wed., Jan. 24, 2024 for GHBA trainings (Residential including Energy Conservation)

Week of 01.29.23 we will do trainings for 2021 Mechanical and Plumbing and 2023 NEC. I'll let you know, once we complete the lineup.

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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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Women  
of ASPE®



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YOUNG  
PROFESSIONALS**

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*Good Times!*

# DIAMOND



# GOLD



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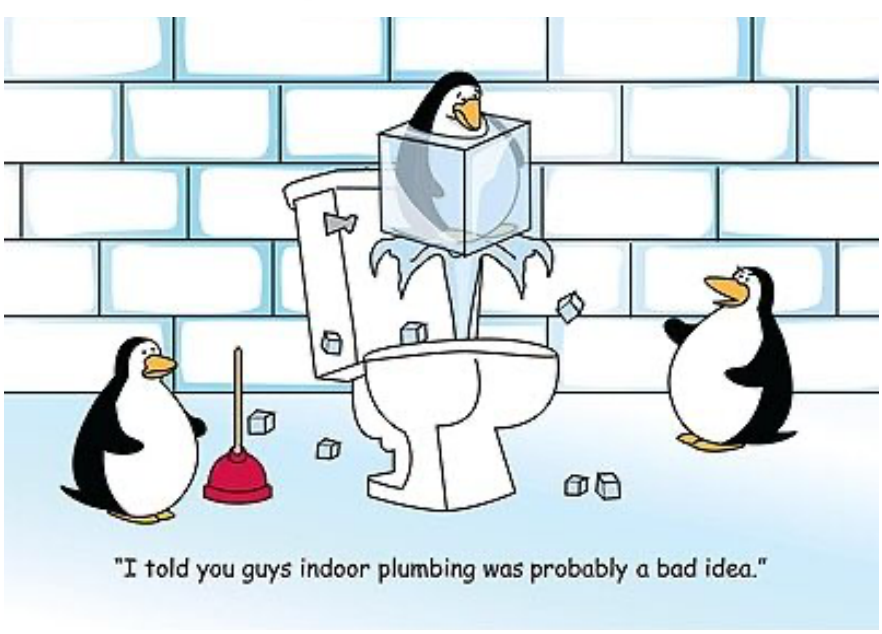


# SILVER



# BRONZE





Merry Christmas!



# Houston Adopts Uniform Plumbing Code and Uniform Mechanical Code



Posted 26 Oct 2023

Tagged on IBU

**Houston** — The Houston City Council, representing the nation's fourth most populous city, has voted to adopt the 2021 editions of the *Uniform Plumbing Code (UPC®)* and *Uniform Mechanical Code (UMC®)*. This vote follows an extensive review conducted as part of the city's Construction Code Modernization Project, which involved more than 200 community stakeholders representing more than 50 construction and industry associations.

This adoption is an update from the 2015 editions of these codes and will go into effect Jan. 2, 2024. The city of Houston has utilized the Uniform Codes since 1985.

"Our commitment to ensuring the health, safety, and welfare of our residents is unwavering," said Houston Mayor Sylvester Turner. "Advancing from the 2015 to the 2021 base codes reaffirms that commitment and furthers our Resilient Houston plan."

The adoption of the 2021 editions reaffirms Houston's dedication to setting high standards for construction and building maintenance, providing a safer and more sustainable living environment for all.

"We are pleased that the Houston City Council voted in favor of endorsing the continued use of the Uniform Codes, which are the preferred codes of the industry," said Wayne Lord, business manager of Plumbers Local Union 68.

"This decision ensures safety, elevates construction standards, and aligns with the industry's best practices," said Josh Hollub, Plumbing-Heating-Cooling Contractors Association of Texas (PHCC) board member.

There are many significant resilient provisions that communities can enjoy in the *UPC*, such as specifications to address the impact of water temperature on the potential for scalding and *Legionella* growth. The *UPC* also includes holistic provisions for storm piping materials and sizing methodologies, along with domestic water right-sizing through the addition of the Water Demand Calculator™ (WDC) (<https://www.iapmo.org/water-demand-calculator/>).

Other noteworthy updates in the 2021 editions include:

- Alternate Water Sources for Nonpotable Applications
- Nonpotable Rainwater Catchment Systems
- Alternate Plumbing Systems
- Potable Rainwater Catchment Systems
- Sustainable Practices
- Hydronic provisions for radiant heating and cooling
- Geothermal energy systems

“It has been a pleasure to work alongside the local plumbing industry, city staff, and city council as they deliberated this important action,” said John Mata, IAPMO Field Services representative.

Introduced in Los Angeles in 1928 and formally published as the *Uniform Plumbing Code* in 1945, the *UPC* is developed to govern the installation and inspection of plumbing systems as a means of promoting the public’s health, safety and welfare. Later published by IAPMO in 1967, the *UMC* provides the same governance for mechanical (HVAC, combustion, exhaust, refrigeration) systems. Developed and subsequently republished at the conclusion of each three-year code cycle, the *UPC* and *UMC* are designed to provide consumers with plumbing, heating, and mechanical systems that meet all applicable standards while, at the same time, allowing latitude for innovation and new technologies.

[Link to IAPMO Reference](#)



# December

Creed Roberts  
Craig Stephen  
Joseph Taylor P.E.  
Daniel Ubernosky E.I.T  
Joe Velasco  
Ali Ali  
Daniel Brown  
John Maupin P.E.  
Damion Sandford  
Dakota Upshaw

Bryan Bagley  
Pamela Best  
Cieera Blackmon  
Daniel Brown  
Jose DeHoyos  
Brian Fenske  
Sebastian Flores  
Kenny George Jr.  
Sheryl Herr CPD  
Filiberto Hinojosa  
James Ward P.E.  
Ken Kei  
Kenneth Kilgore  
Glen Mallory  
John Maurine P.E.  
Ana Sampaio  
Regugio Resendiz  
Curtis Dady  
Zacry Davenport  
Henry Fry

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- 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).

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CHRISTOPHER B. ENNIS, CET  
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P. MARK THOMASSON, CET  
mt@firedsi.com

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# MEP SPOTLIGHT



## ABOUT CEG

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CEG's partners bring a diverse portfolio of professional engineering services in the design of Mechanical, Electrical, Plumbing, and Fire Protection Systems.

It is the philosophy of CEG that when the MEP engineers function as a collaborative team partner, the client obtains the most innovative, functional, and cost effective project. In addition, CEG is committed to providing the consistent, responsive, personal attention that each client desires.



Merry Christmas

AND A HAPPY NEW YEAR

**CASPE**  
American Society of  
Plumbing Engineers™

**H O U S T O N**

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# Carrer 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).



# 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).

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# Committee Members

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## **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 Editor/ 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

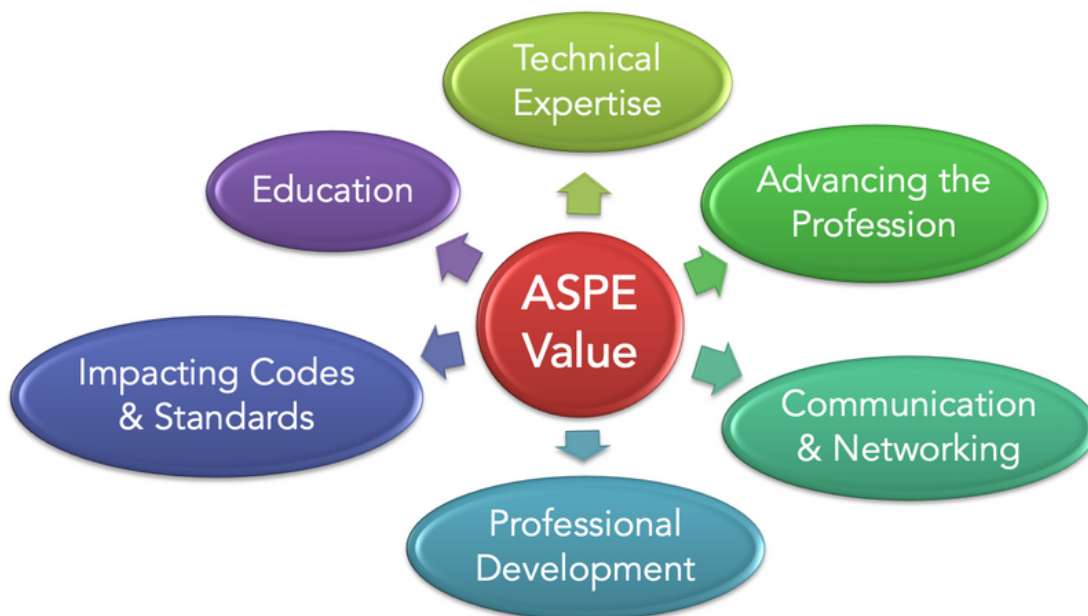


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## ASPE Purpose

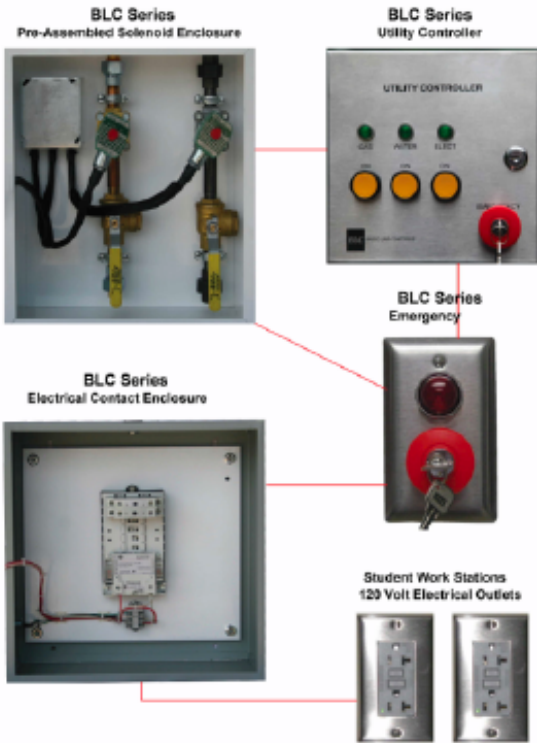
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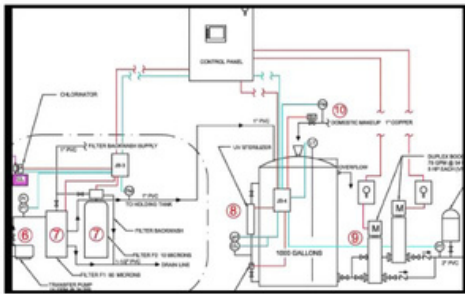


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The following are the current construction codes enforced by the City of Houston.

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:

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<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>



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