
HOUSTON CHAPTER

ASPE Newsletter

Chartered July 10, 1968

January 2024

Houston, Texas



Houston ASPE Board of Directors



Jaime Cruz
Chapter President



Billy Turcios
VP Technical



Curtis Dady
VP Membership



Dave Cropper
VP Legislative



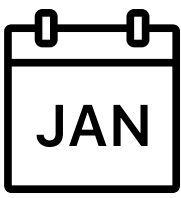
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JOIN US FOR

ASPE Houston Chapter Factory Tour

Victaulic Bermad Technologies

10600 Telge Rd Suite 200
Houston, TX 77095

Wednesday, January 10TH 2024
6:00 p.m. - 9:00 p.m.

Dinner & Beverages Provided
Raffle Drawing and Door Prizes

RSVP at www.aspehouston.com





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

** Happy
New Year **



President



AASPE Houston Newsletter
January 2024

Happy New Year! The year is now 2024, how time flies I tell ya! I am halfway through my first ASPE calendar year as president and it's been great so far. Our board is full of fantastic individuals who have guided me through this journey and will continue to. Thank you all for the time and effort they have provided to make this chapter run smoothly. Most importantly I want to thank all of those companies and sponsors that help support our chapter.

Again, 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.

In addition to, Donald Taylor has set up dates for his popular CPD Review Course. These courses will be held on March 2nd-3rd with a Mock Exam on March 30th. This will be an online course, registration is now open on our Aspe Houston website. Please log on and view the details, there is a well-detailed syllabus and other helpful information.

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!

Thank you all for being a part of a great organization. Happy New Year, lets get back to it!!!!

Thanks,
Jaime Cruz
President

VP Technical



Dear ASPE Houston Chapter Members,

January 2024,

Merry Christmas and a Happy New Year. I want to extend my heartfelt gratitude to every one of you for making our Annual Christmas Party a resounding success. Your presence added warmth and joy to the festive atmosphere, turning it into a memorable celebration. I want to express a special thank you to Chris Ennis for his outstanding efforts in setting up such a fantastic venue. Chris, your dedication, and attention to detail truly transformed the event into something extraordinary. It's because of individuals like you that our chapter events continue to be enjoyable and well-organized. Thank you for going above and beyond to make this occasion a delightful experience for everyone.

Please note that there will be no General Meeting for the month of January. However, we are thrilled to extend a warm invitation to a unique and exciting event – our plant tour at Victaulic on January 10th. Join us for an enriching experience as we explore the inner workings of Victaulic. To make the day even more enjoyable, Victaulic will be providing delicious food, refreshing drinks, and exciting door prizes. It's a fantastic opportunity to learn, connect, and have a great time together. Further details will be shared soon. We look forward to your presence on January 10th for a memorable day at Victaulic. For additional information look for our flyer to be e-mailed and/or in this newsletter. Please register as soon as possible and hope to see you there.

All technical speaker slots for our upcoming 2024 ASPE product show are full at this point. However, you can still contact me with suggestions regarding speakers for our upcoming general meetings. Bturcios@PBSengineers.com, or at 832-229-7819

Thanks,

Billy Turcios
VP Technical



Welcome new members: Cole Christy (Nibco), Randy Mueller, LEED AP (AECOM), Robert Yoakum, GPD, LEED AP, CPD, Victor Rodriguez (AECOM). Daniel Loy (Aquacell)

Region 5 membership standings:

Chapter	12/22	12/23	% change
Chicago	262	287	10%
Dallas/Ft. Worth	224	271	21%
Houston	211	235	11%
Wisconsin	147	159	8%
Minnesota	160	147	-8%
Central Texas	121	136	12%
St. Louis	111	131	18%
Kansas City	125	119	-5%
Oklahoma	74	72	-3%
Omaha	75	72	-4%
Arkansas	37	48	30%
Central Illinois	33	31	-6%
Lubbock	11	9	-18%

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.



ANNUAL PRODUCT SHOW

Wednesday, April 3rd, 2024 | 4:30 to 8:30 P.M.

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

A black and white photograph of two men in business attire. One man, older with glasses, is looking at a laptop screen. The other man, younger, is looking down at something in his hands. The background is a blurred office or trade show setting.

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.

| PREREGISTER TO EXPEDITE ENTRY

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



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.



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



CPD REVIEW CLASS



Instructor: Donald Taylor

CPD REVIEW CLASSES:

MARCH 2ND AND 3RD

10 AM – 3 PM (VIRTUAL)

MOCH EXAM: MARCH 30TH

10 AM – 3 PM (VIRTUAL)



REGISTER TODAY

For more information contact Donald Taylor
at donald.taylor@crbgroup.com or 405.406.0548







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.

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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](#)



Richard Cabrera
Roemar Villamonte Cereno E.I.T.
Christopher Nolan Eberly P.E.
Paul Anthony Garza
Jeffrey S. Holley
James Burns Humphrey Jr.
Jake Jacobs
Troy W. Johnson
Beau Thomas Jolly
Alex Pozdrowski
Gary Ross
Erik Samuel Schorken
Mohammad Soureety
Sinat Svay
Cyril F. Unger CPD, FASPE, GPD
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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).

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CHRISTOPHER B. ENNIS, CET
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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.

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

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.



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.

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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 Editor/ Social Media Director

Greg Salter / Jaime Cruz

Product Show Chair/ Co-chair

Mitch Spillman

Region 5 Affiliate Liaison

Chris Ennis, CET

Chapter Social Director

Houston Amendments to the 2021 Uniform Plumbing Code



Adopted by Ord. No. 2023-907¹

Passed October 25, 2023²

Effective January 1, 2024³



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

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

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

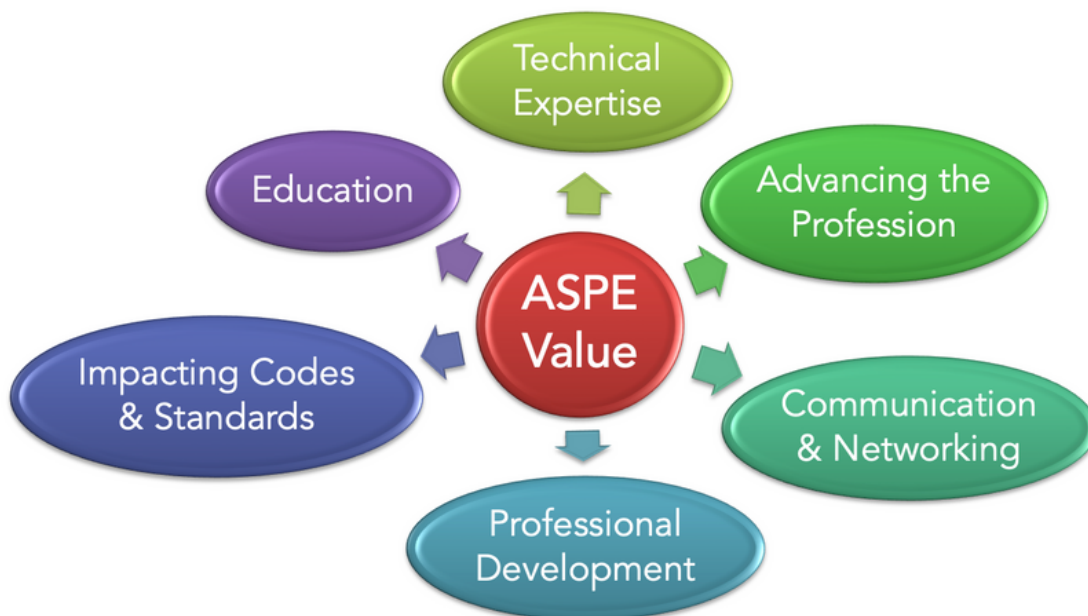


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ASPE Purpose

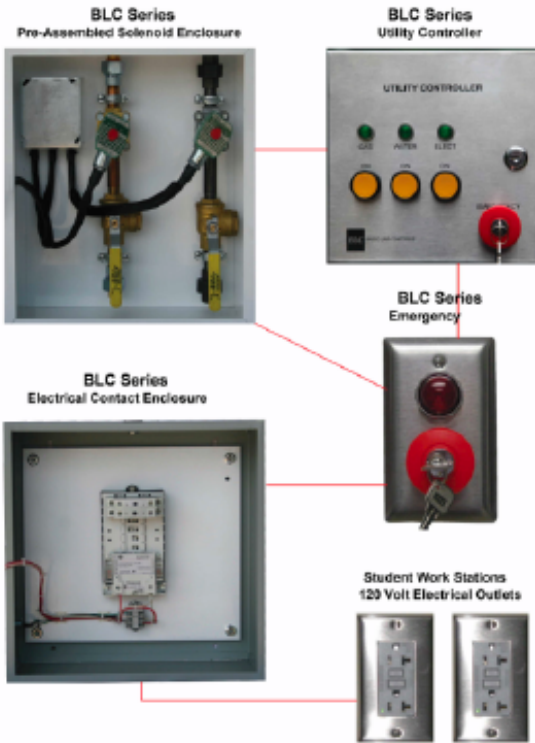
The core purpose of the American Society of Plumbing Engineers is to continually enhance and promote the profession of plumbing engineering design while assisting in improving the health, welfare, and safety of the public on a global scale.



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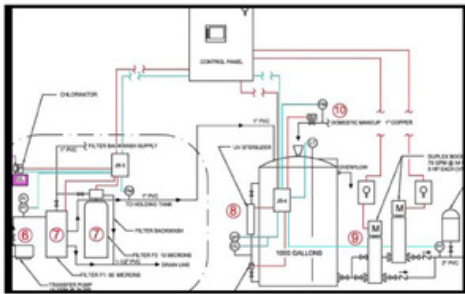


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The following are the current construction codes enforced by the City of Houston.

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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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