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Volume 43, Issue 1



Next Meeting

TUESDAY, September 8, 2015

The Lantana, Randolph, MA

MAIN PROGRAM

PRV's

SPEAKER

Mr. Joseph Burke
Watts Water Technology

PROGRAM SCHEDULE

Social Hour	5:00 – 6:00
Dinner	6:00 – 6:45
Chapter Business	6:45 – 7:00
Speaker / Technical Session	7:00 – 8:30

MENU

Iceberg Wedge
 Boneless Short Ribs
 Carrot Cake

MEETING RESERVATIONS

\$20.00 ONLINE Reservation

(Please use the electronic invitation sent to you)

\$35.00 W/O Reservation

\$25.00 Call in Reservation

Retired & Currently Unemployed Members are Free

Please reserve by **Friday, September 4, 2015**

Contact Cathy @ W.P. Haney,
 (508) 238 – 2030

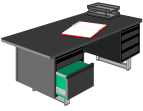
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Society email aspe@aspe.org

Society Website www.aspe.org

Boston Chapter Website www.aspebostonchapter.org



President's Report

ASPE Boston Chapter members,

My name is Laurence Johnston, the current President of ASPE Boston Chapter. As the summer comes to an end our monthly Chapter meetings begin. I hope you can and will attend. I'm looking forward to seeing old friends and making new ones. It's time to get back into the swing.

The Boston chapter Board, golf committee (Jeff Gooding and Luther Thevenin) and product show committee (Ethan Grossman and Pat McAuliffe) are working hard creating interesting, exciting and fun events for you.

We had sent out a call for white papers a while back. Thank you to those that responded. We will gladly accept more white papers we can use for our monthly meeting technical sessions. We are always looking for new and interesting topics.

Best regards,

Laurence D. Johnston CPD, President, Boston Chapter ASPE



As part of ASPE's ongoing efforts to streamline member services, members now have the option to receive membership renewal reminders via automated SMS texts. We recognize that our members' time is valuable and that not everyone checks their snail mail and email on a daily basis for the membership renewal invoice, so we are introducing the SMS renewal reminder as a free service.

If you opt-in, two messages will be sent to your cellphone if you have not renewed your membership. The first message will be sent fifteen days prior to your membership expiration date, and the second message will go out on the day of the expiration date. You will be provided with a number to call in your membership renewal payment in addition to a link that will connect you to our online renewal system.

If you would like to participate, please click here: <https://aspe.org/user>. Log in with your username and password, add your cellphone number to your record, and please make sure you click the "opt in" box, which will give ASPE permission to send you renewal reminders via SMS.

If you have any questions, please contact Stacey A. Kidd, Director of Membership & Meetings, at skidd@aspe.org.

Note: SMS text messaging will not take the place of all retention efforts. ASPE members will continue to receive their renewal invoice via mail and email.



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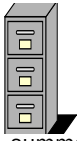
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Technical Report

Wow where did the summer go; feels like yesterday it was the fourth of July :- (. Anyways, I hope everyone enjoyed their summer and are looking forward to our September meeting at Lantana in Randolph MA on Tuesday, September 8, 2015. This year we will continue our mission to bring you interesting topics to keep our young and senior Designers, Engineers, and Affiliates up to date on a wide variety of industry related subjects.

The September technical topic will be on PRV's. The session will focus on the sizing, designing, selection and proper installation of PRV's. The subject will be presented by Mr. Joseph Burke from Watts Water Technology. Mr. Burke is the Principal Engineer at Watts Water Technologies ACV division. He has his BS & MS in Mechanical Engineering from the University of New Hampshire. He has 19 years of experience in the designing of control valves and regulators. He also is a Registered Professional Engineer in New Hampshire.

Just a few reminders:

- October meeting will be held on October 20, 2015. (This is the third Tuesday of the month.) This meeting will be a lunch time meeting at Boston Society of Architects (BSA) located at 290 Congress Street, Suite 200 Boston, MA.
- The 2015 ASPE Technical Symposium will be held in St. Louis from October 1-4 2015. Please visit www.aspe.org for additional information.
- Our Bi- annual Product show will be held on November 10, 2015. The seminars will be Rainwater Harvesting, Hot Water Recirculation, Lab Waste, Lab Water Domestic Boosters, Medical gas design, NFPA 4, and Mass Code updates.

I look forward to meeting and working with you as I take the office of Vice President Technical.

Best Regards,

Ed Nadeau, VP Technical, ASPE Boston Chapter

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Membership News

Membership Update

The Boston Chapter ASPE would like to welcome the following six new members:

Yevgeniy Zvoytenko	RDK Engineers	Associate Member
Richard Downey EIT	Vanderweil Engineers	Associate Member
Stephen Barrett	Watts Water Technologies	Affiliate Member
Jeff Scilingo	Watts Water Technologies	Affiliate Member
Matthew Fratantonio	Watts Water Technologies	Affiliate Member
Jay Prabhakar	Bedford Controls	Associate Member

Boston Chapter Sub-Committees looking for Volunteers

The Boston Chapter is looking for a dozen or more volunteers to help assist on a number of new committees being formed. Please review the descriptions below and let me know how you would like to help our chapter grow.

Membership Sub-Committee: Volunteers for this committee will be asked to spend no more than a couple of hours each month contacting members whose membership is up for renewal, helping to recruit new members, updating our chapter email list as needed, and welcoming new members into the Boston Chapter.

Mentor Sub-Committee: Volunteers will be assigned to become mentors to our new members, encouraging them to attend monthly meetings and seminars, introducing them to other members, and assisting them as an industry resource as needed.

Plumbing Industry Resource Committee (PIRC): Looking for a few more Engineers, Contractors, Manufacturers and Affiliate members to sit on the Boston Chapter's PIRC advisory committee. Members will meet every two months to discuss, review, recommend and propose new MA Plumbing Code updates. Volunteers will meet with representatives of the MA State Plumbing Board to discuss and propose revisions to the State's plumbing code.

If you are interested in volunteering just a few hours of your time on any one of these committees, please contact me directly and we can discuss it in further detail. Email me at johnc@jhpokorny.net or call me at 508-223-9369.

Study reference sources are now available for the CPDT exam

ASPE's newest certification program, Certified Plumbing Design Technician (CPDT), provides professional recognition of plumbing designers who do not yet have the experience required for the Certified in Plumbing Design (CPD) designation. If you are taking the CPDT exam being held at testing sites around the country on October 29 and 30, ASPE has assembled a list of the CPDT exam tasks and associated references in the *Plumbing Engineering Design Handbooks* (if available) to aid in your studies. More information on this new tool and the CPDT exam can be found at aspe.org/cpdt. Registration for the exam is open until September 25.

ASPE announces a free text renewal service for members

As part of ASPE's ongoing efforts to streamline member services, members now have the option to receive membership renewal reminders via automated SMS texts. If you opt-in, two messages will be sent to your cell phone if you have not renewed your membership. The first message will be sent 15 days prior to your membership expiration date, and the second message will go out on the day of the expiration date. You will be provided with a number to call in your membership renewal payment in addition to a link that will connect you to our online renewal system.

If you would like to participate, go to aspe.org/user, log in with your username and password, add your cell phone number to your record, and make sure you click the "opt in" box, which will give ASPE permission to send you renewal reminders via SMS. If you have any questions, contact Stacey A. Kidd, Director of Membership and Meetings, at skidd@aspe.org.

By John Callahan, CPD, V.P. Membership, Boston Chapter ASPE



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Legislative Report

On Wednesday, August 5, 2015 The Board of State Examiners of Plumbers and Gas Fitters invited interested members of the public to attend an open forum to provide input with regards to topics and possible changes the Board should consider to the 248 CMR 3.00 to 11.00. The meeting took place at the Board office at 1000 Washington Street, Boston, MA 02118, 1st floor, Room 1-D.

The followings are some of the many **suggestions** that were presented to the Board for possible change considerations:

1. Adopt the model International Plumbing Code with Massachusetts amendments as the basis for the next edition of the 248 CMR plumbing code
2. Include a plumbing fixture unit table for the low flow fixtures.
3. Add the hunter's curve into the 248 CMR plumbing code.
4. Add medical gas to the plumbing code. The installation of the med gas piping are by license plumbers.
5. Allow PVC piping in commercial buildings.
6. Section 10.10 table 1: Minimum Facilities for Building Occupancy, add large retail stores in table.
7. Section 10.22: Figures, add diagram for car garages explain the vent requirement.
8. Remove the restriction for CPVC piping and allow the use of CPVC in all applications.
9. Eliminate the vent piping requirement to the clear water waste connection. This connection ties into the storm drainage stack. The roof drain can serve as the vent outlet thru the roof.
10. Provide an exception to not include drain fixture unit for general floor drains on sanitary piping calculation. General use floor drains such as the drains in toilet rooms and mechanical rooms do not normally collect large amount of water.
11. Eliminate requirement for separate student/staff restrooms in higher education consistent with the present fixture requirement for each user group.
12. Clarify the method for determining occupant load for dormitory laundries.
13. Removal of the need for Board approval of specific plumbing fixtures (including water heaters) if the fixture has already been approved by a national testing agency or laboratory.

The Board of Examiners of Plumbers & Gas Fitters assured the group that all of their **suggestions** will be considered during the code revision process. The board will make every effort to keep us informed during this ongoing process.

Luther Thevenin, CPD, Candidate for VP Legislative

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- Detailed design experience for Plumbing/Fire Protection systems.
- Layout and size equipment on floor plans.
- Responsibilities will likely include demonstrated understanding of utilities, plumbing, lab waste piping, fire protection, etc.
- Ability to coordinate and interact effectively with other MEP disciplines.
- Identifying deliverables, defining requirements, creating design drawings.
- Develop technical specifications and layouts while working in tandem with project managers and engineers across multiple disciplines.

Qualifications:

- Must be a licensed P.E.
- Bachelor's degree in Plumbing/Fire Protection or Mechanical Engineering.
- 10+ years of facility design and construction in clean room, laboratories, biotech, pharma, or Life sciences industries.
- Strongly motivated, well organized, and shows professional initiative.
- Takes ownership of assignments, can work both independently and as part of the team.
- The ability to work independently as well as in a team environment effectively.
- The ability to work in a fast-paced and challenging environment.
- Excellent organization skills with the ability to manage multiple tasks simultaneously.



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Contact Information:
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- Hindsight is 20/20: What I wish I knew then that I know now
- Ethics in engineering
- Industry leadership skills
- Project management

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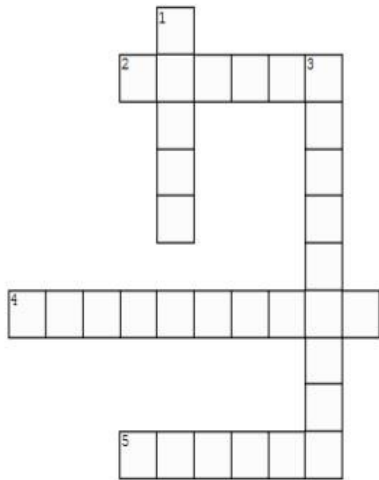
This exclusive full-day training is only open to ASPE members 35 years and younger who attend the 2015 Technical Symposium. Breakfast and lunch are included. Registration is limited to 25 AYPs.

Contact ASPE Young Professionals at ayp@aspe.org for more info.



ASPE CROSSWORD PUZZLE

Sept. 2015



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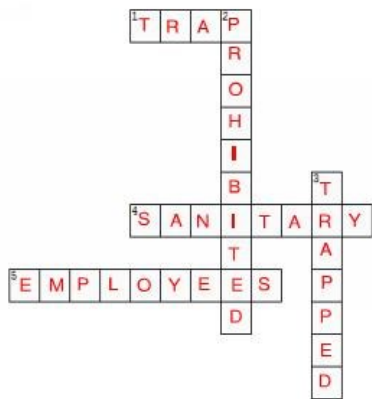
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- 4. _____ piping shall be supported at each change of direction
- 5. No fixture shall be _____ trapped

Down

- 1. Unions in the water-supply system shall be _____-to-metal with ground seats
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Answers from July - August 2015 crossword



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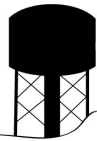
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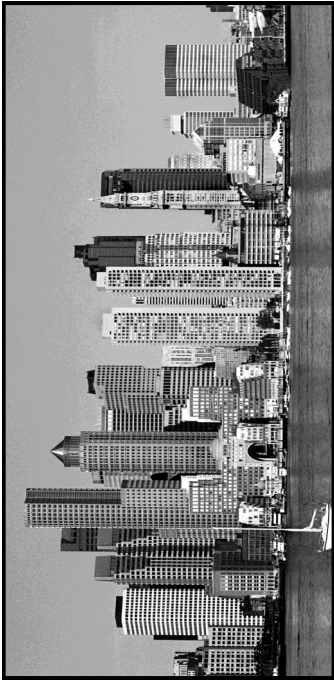
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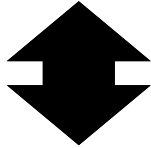
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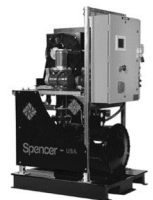
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