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Volume 43, Issue 3





President's Report

I hope every enjoyed the lunch time meeting. I though the

location was great. The speaker Peter Gobis did a great job discussing Mixing Valve technology. Thank you Peter. The turnout was fantastic! I'm sorry for those that did not attend or that tried to reserve late, and we could not accommodate you. We really need your reservations the Friday before our meeting. I would like to thank John Callahan for making the arrangements at BSA.

The Technical Symposium that was October 1-4 had a good turnout from the Boston Chapter. We had a few ASPE Young Professionals AYP's at the Symposium, and they will be writing future articles about their experience at the Symposium, AYP and technical sessions. THE THE PARTY OF T

Peter Gobis from Leonard Valve was the Guest Speaker at the Boston Chapter's lunchtime meeting on Tuesday, Oct 20 at the BSA Space in Boston. Peter is shown here explaining the various recirculation piping requirements for master mixing valves to the 45 members in attendance.

I'm looking forward to seeing you all at our Biennial Product Show and Technical Seminars November 10. The Product show floor will

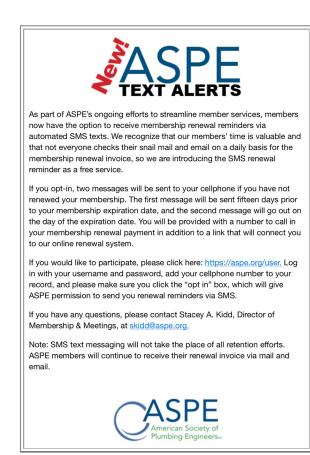
be open from 3:00 to 8:00. We are offering several seminars as well. Please go to <u>www.aspebostonchapter.org</u> for additional details and to register.

We have had a little trouble with links in our web site and email system. If you want to pay for meetings of seminars or other events on line you can go to <u>http://aspebostonchapter.org/onlinepayment.html</u>. Click on the "online payment" pull down.

Please check your membership status. If you don't know what it is then it may have expired. We need your help; ask your friends and co-workers to check their membership status as well. Hopefully they will join or re-join ASPE Boston Chapter.

Thank you,

Laurence D. Johnston CPD, President, Boston Chapter ASPE



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This month we will be having our Biennial Product Show & Education Seminars on November 10, 2015 located

at Lantana in Randolph, MA. Please pass the word around! You do not have to be an ASPE member to attend the product show, but you need to register online <u>www.aspebostonchapter.org</u>. Come and join us at the product show and take advantage of the technical sessions. Tour the product show floor and see various plumbing products that we specify every day, and while you're at it have a few drinks and apps. I really hope to see everyone there! Below are the topics for the Product show.

I would like to give a special thanks to Kevin Lally for organizing the topics and speakers for the product show. We have a great variety of topics and speakers this year.

Main Program

ASPE Boston Chapter 2015 Product Show – 3pm to 8pm Technical sessions- 8am to 4pm Please register online.

Technical Sessions and Speakers

8:00am to3:00pm Cost is \$75 (Track A)

Medical Gas Design Workshop

Presenter: Mark Allen, Quantum Engineering Presentation will be a 7- Hour Workshop covering an overview of the Medical Gas design process. Review of codes and standards to be used, discovery research outlet layout, valves, alarms, components and design.

Lab Water Purification Technology

12:30pm to 3:00pm Cost is free (Track B)

Presenter: Jonathan Ferguson, EMD Millipore

Presentation will review the contaminants found in ground/surface water along with the different water purifications methods and technologies used to remove them, including industry practices for the design of large central building water purifications systems

Lab Waste Neutralization Systems

Presenter: Paul G. Galvin, G.F. Piping systems

This seminars will cover all aspects of laboratory special waste system design inclusive of the various codes/ standards/ permits which outline the approved methods and material for special waste piping layout, means of pre-treatment and discharge (in pH level) for waste stream conveyance to sanitary sewer systems

12:30pm to 1:30pm Cost is free (Track C)

Water Reclamation Systems

Presenter: Brain Soderholm, Water Control Corp.

Presentation shall cover the design, selection and implementation of on-site water reclaim systems in commercial facilities. This shall include rainwater harvesting, graywater, groundwater, condensate and RO.

Domestic Hot Water Recirculation Systems

Presenter: Bryan Payne, VP Engineered Products and Systems, Taco. Presentation shall cover the design and sizing of domestic hot water recirculation systems.

2:00pm to 3:00pm Cost is free (Track D)

Domestic Water Booster Systems

Presenter: Dennis Whitlaw, Towle Whitney, LLC

This seminar will review the design and selection of a modern VFD booster system, with emphasis on Energy Savings, sizing, Ease of Installation and Ease of Maintenance

NFPA 4 Update

Presenter: Maurice Pilette

A review and discussion of the new NFPA- 4 Standard for Integrated Fire Protection and Life Safety Systems Testing and NFPA-3 Recommended Practice for Commissioning of Fire Protection and Life Safety Systems. The new documents will provide insights in documenting the importance and verifying overall system operation enduring that integrated systems perform as intended.

Massachusetts State Plumbing Code Update

2:00pm to 3:00pm Cost is free (Track E)

Presenter: Wayne Thomas, Executive Director of the Board of Examiners of Plumbers and Gas Fitters Update on the latest State Plumbing Code process, revisions and issues.

December's meeting will be a joint meeting with ASHRAE on Legionnaires disease. Since this has been a huge issues lately both in plumbing systems and cooling towers, I would suggest that you register for this early. The meeting will be held in Waltham, MA on December 8, 2015.

Best Regards, Ed Nadeau, VP Technical, ASPE Boston Chapter

Membership News



Membership Update

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

Chris Halligan Michael Gillis, CPD Kevin Walsh Timothy Crowley Daniel Barrett, G.E. Luis Marin Bryan Day Thomas Lynch SMRT Arch & Eng E. M. Duggan E. M. Duggan NE Sentrol SMMA BR+A Guardian Equipment Gourley Co. Portland, ME Canton, MA Canton, MA Plymouth, MA Cambridge, MA Boston, MA Nashua, NH Waltham, MA Associate Full Full Full Associate Affiliate Affiliate

At The Risk of Sounding Like a Broken Record...

•Please let me know if you are going to change your mail or email addresses. You can also log onto the ASPE website (<u>www.aspe.org</u>) and change your contact information online. It only takes a minute or two.

•If you know a co-worker that is no longer a member but might be considering rejoining, please let them know that for a limited time they can rejoin for only \$100. That's a bargain! The easiest way is to register online, but you can always call Society directly.

•If you aren't getting monthly chapter meeting reminders then there may be an issue with your email server's firewall. We would like to know that as well so we can correct it. If you have any questions just email me at <u>johnc@jhpokorny.net</u>

IMPORTANT: Lunchtime Monthly Meetings

The Boston Chapter Board is always looking at a number of ways to improve the monthly technical meetings, which includes ways of increasing attendance. The most important factor is getting knowledgeable guest speakers to present interesting and pertinent technical topics. Another important consideration is making the meeting time and location convenient. Based on the attendance and feedback from the October lunchtime meeting held at the BSA Space on Congress Street, it would appear that many of our members prefer a lunchtime meeting in Boston in lieu of a Tuesday evening dinner meeting. Our meeting and technical presentation on ASSE Mixing Valve requirements was held in the *Fort Point Room* at the BSA Space which provided a comfortable layout for the 45 attendees to sit down and enjoy a nice lunch prior to the presentation. Although we were limited to only 45 attendees this month, in the future we can arrange to have space for up to 80 attendees, with multiple projector screens to view the technical presentation. If you weren't able to attend the October meeting because of a schedule conflict, or it had already been filled by the time you tried to RSVP, fear not, we will likely be holding a number of lunchtime meetings there in the future. Email me at johnc@jhpokorny.net and tell me if you would like additional lunchtime meetings schedule there. The greater the response, the sooner we can look into scheduling it. It's up to you. What would you like? Let me know.

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

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Legislative Report

When designing natural gas service to a gas fired generator, please be aware of the following requirement from NFPA 110, 2013 Edition.

Section 7.9.7 and 7.9.8 states the followings:

7.9.7 Where the gas supply is connected to the building supply system, it shall be connected on the supply side of the main gas shutoff valve and marked as supplying an emergency generator.

7.9.8 The building's main gas shutoff valve shall be marked or tagged to indicate the existence of the separate emergency power supply (EPS) shutoff valve.

My interpretation:

If a project is allowed to use a gas fired generator for life safety, the 2013 Edition of NFPA 110 requires that a dedicated gas supply line shall run to the gas fired generator.

The decision to allow the use of a gas fired generators for life safety rests on the local Authority Having Jurisdiction (building dept.)

Luther Thevenin, CPD, VP Legislative



Smart Just Got Smarter



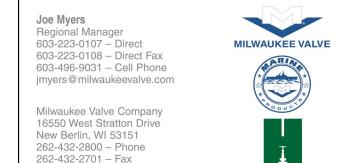








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Responsibilities:

- Strong understanding of <u>engineering lifecycle</u> related to <u>Plumbing/Fire Protection</u> <u>deliverables</u>.
- Work directly with lead engineers to design Plumbing/Fire Protection systems for Biotech and Pharmaceutical clients.
- Detailed <u>design experience</u> 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 <u>licensed P.E.</u>

- Bachelor's degree in <u>Plumbing/Fire Protection or Mechanical Engineering</u>.
- 10+ years of <u>facility design and construction in clean room, laboratories, biotech,</u> 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.



Contact Information: Michel M. Awadalla, P.E., LEED®AP Department Manager, Mechanical Electrical & Plumbing DPS Engineering Framingham Office: +1 508 532 6760 x21 Direct Dial: +1 508 861 3711 Mobile: +1 508 808 8698 www.dpsgroupglobal.com

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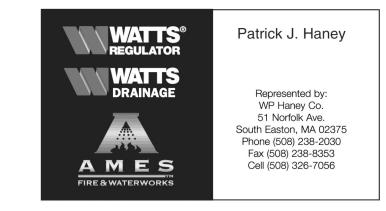
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- Has 2+ years' experience in the development of plumbing and fire protection systems documentation with interest in developing design skills.
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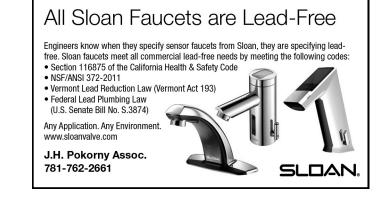
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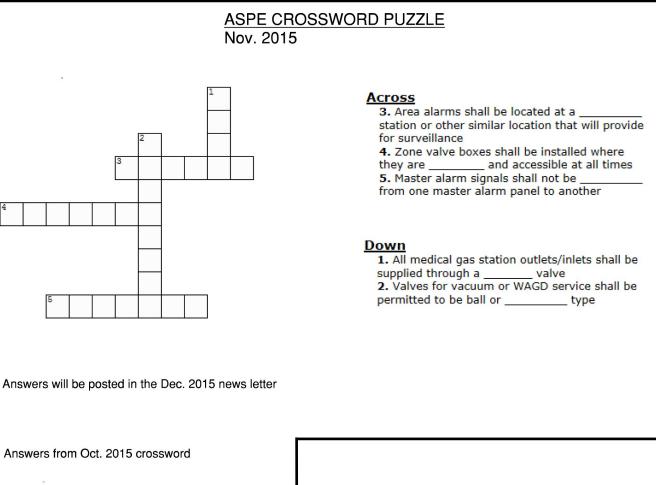


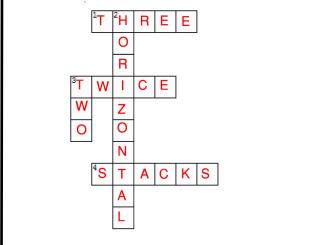
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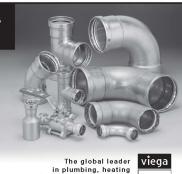






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