



Next Meeting

TUESDAY, December 8th, 2015

Embassy Suites, Waltham, MA

MAIN PROGRAM

**ANSI/ASHRAE Standard 188-2015 Legionellosis:
 Risk Management for Building Water Systems**

SPEAKER

Mr. Thomas E. Watson

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

Traditional Cesar Salad
 Stuffed Breast of Chicken
 Fruit Tart w/ Whipped Sweet Cream

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, December 4th, 2015**

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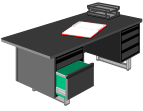
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President's Report

Our Biennial Product Show and Technical Seminars was a great success. We had a good variety on The Technical Seminars and they all were well attended. The Product Show floor was busy with attendees going from booth to booth. I visited most booths and talked to the Manufacturers' Representatives. They all said they were pleased with the turnout.

I would like to thank the product show committee, Ethan Grossman, Pat McAuliffe and all the volunteers for their hard work.

Thank you to all Manufacturers' Representatives for a great show and your endless support to our engineering community and ASPE Boston Chapter.

Thank you to all the attendees for taking time out of your busy schedules and attending the Product show and/or Technical Sessions.

If anyone has comments, questions or recommendations regarding the Product Show and/or Technical Seminars please email me or one of our board members. We are open to new ideas and want to keep improving our Product show and/or Technical Sessions for you.

I hope to see you at the joint meeting with ASHRAE. Hosted by ASHRAE this year in Waltham.

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



**Okay,
which
one
of you
specified the
Mountain Dew
Shower head?**

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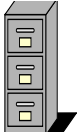
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Technical Report

I want to thank everyone that was able to join us at the 22 Biennial Product Show & Education Seminars. I think the turnout was great! I enjoyed seeing everyone, and meeting some new faces.

This month's meeting will be our annual joint meeting with the American Society of Heating Refrigeration and Air Conditioning Engineers, better known as ASHRAE. In my opinion this joint meeting has always been a great opportunity to network with our fellow HVAC engineers, designers and industry professionals.

The technical topic will be on ANSI/ASHRAE Standard 188-2015 Legionellosis: Risk Management for Building Water Systems. **Please make note that this meeting will be held at the Embassy Suites Hotel in Waltham, MA on Tuesday December 8, 2015.**

The session will be presented by Mr. Thomas E. Watson. Mr. Watson is now the director of the Daikin Learning Institute after spending over 43 years in engineering of air conditioning equipment. He was in charge of the development of the first centrifugal chiller using a zero ozone depleting refrigerant and the first magnetic bearing high efficiency products in the air conditioning industry. He is the holder of five patents related to air conditioning equipment.

He is a former ASHRAE Society President, a global society of over 55,000 members in 147 countries. For the past two years he has been the chair of the standards project committee that developed the first American National Standard that deals with the management for building water systems to reduce the risk of legionellosis. He is now leading several international committees in the introduction of a very low global warming refrigerants.

Finally, I hope that everyone has a happy and safe holidays. Go Pats!!!!

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

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Membership News

The Boston Chapter ASPE is holding a membership drive through our monthly newsletter and we are asking every member to help recruit one member. For a limited time, new members may join and old members may re-join for only \$100. That is a substantial savings over the regular cost of an ASPE membership.

Enclosed in the newsletter you will find two separate membership applications. Anyone who has never been an ASPE member before should fill out the **Membership Application** and submit it to me, John Callahan, along with your payment of \$100. The Boston Chapter will pay the remaining balance of your membership. If you qualify as a Full, Affiliate, Special, or Governmental member, the chapter will remit the other \$90 of your \$190 membership dues. If you qualify as an Associate member, the Boston Chapter will remit the other \$70 of your \$170 membership dues. Pretty simple right?

If you are an ex-member, you only have to fill out the **Reinstatement Application** and submit it with your \$100 payment directly to ASPE. Before you know it you will be a member of the Boston Chapter again. The Boston Chapter Board of Directors is committed to bringing our local industry professionals together into our chapter and is willing to invest a significant amount financially to make it happen. I am asking everyone in the chapter to sponsor one new or ex-member into the chapter. Ask your fellow co-worker if they would like to be a part of ASPE. Please talk to them and get them to join.

The Value and Benefits of ASPE Membership

- NEW! Plumbing Engineering & Design Handbook of Tables App
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- ASPE Report (in Plumbing Engineer magazine)
- Biweekly ASPE Pipeline e-newsletter
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- ASPE Biennial Convention and Exposition (even years)
- ASPE Biennial Technical Symposium (odd years)
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- Technical books and manuals (specific to the profession of plumbing engineering)
- Professional certification / recertification
- Continuing education opportunities in Plumbing Engineer magazine
- Alfred Steele Scholarship Program
- Local chapter affiliation
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By John Callahan, CPD, V.P. Membership, Boston Chapter ASPE



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Legislative Report

The Board of Building Regulations and Standards (BBRS) has approved the Draft 9th Edition of the Building Code on November 10, 2015.

The draft 9th Edition of the MA State Building Code MSBC (780 CMR) is based on the 2015 International codes (2015 I-Codes). Since the 2015 I-Code is published by the International Code Council (ICC), the Building Code Coordinating Council (BCCC) is now subject to review the MSBC 780 CMR for inconsistencies, redundancies and jurisdictional overlap with other state codes. The BCCC scheduled their first review meeting on Thursday, November 19th.

Once the BCCC review process is completed, the draft 9th edition of the MA State Building Code (780 CMR) will be entered into the Baker Administrations review process as prescribed by Executive Order (EO) 562. After this review process, the BBRS will be scheduling a public hearing for all interested parties to have an opportunity to comment and make suggestions on the draft code. The members of the BBRS review the comments and suggestions and make appropriate adjustments to the draft code language depending on the nature of the comments received. (A date has not been set for the public hearing) BBRS members will finalize and approve content in the 9th edition after the public hearings processes and related reviews are completed. The 9th edition will then be filed to the Office of the Secretary of State which will establish an effective date for this new code. This new code is expected to become effective during the first half of 2016.

The 9th edition MSBC code (780 CMR) consists of two volumes:

- The Base Volume consists of the 2015 versions of the **International Building Code (IBC)**, **Existing Building Code (IEBC)**, **Energy Conservation Code (IECC)**, and by reference, **the International Fire Code (IFC)** and **Mechanical Code (IMC)** along with Massachusetts amendments thereto; and
- The Residential Volume which consists of the 2015 version of the **International Residential Code (IRC)** and Massachusetts amendments thereto.

If you have any comments for the new code, the BBRS will be accepting written comments before, during, and after the public hearing. You can submit your comments to the BBRS by emailing Felix Zemel, Technical Director, Department of Public Safety at felix.zemel@state.ma.us.

For a link to the draft 9th Edition MSBC 780 CMR select the following: <http://www.architects.org/committees/news/draft-9th-edition-building-code-approved-bbbs> For a link to the base 2015 I-Codes select the

Luther Thevenin, CPD, VP Legislative



BR+A is seeking a Plumbing Engineer for our Brighton Office

Founded in 1975, Bard, Rao + Athanas Consulting Engineers (BR+A) maintains a total staff of 300 employees. BR+A provides state-of-the-art integrated and coordinated mechanical, electrical, plumbing and fire protection consulting engineering, technology systems design and building commissioning services. Our experienced staff examines alternative solutions and provides proven and responsive engineering design for state-of-the-art facilities.

Desired skills:

5 plus years of Experience in the design of Plumbing and Fire protection for: Healthcare and Laboratory projects.

Proficient in Auto CAD MEP and Revit.

Experience in specification writing

Performs field verification and take-offs of existing systems for renovation projects

Coordinates with other disciplines

Develop calculations for Plumbing/FP system sizing.

Have thorough knowledge of Massachusetts plumbing code, model codes and NFPA.

Excellent organizational and communication skills.

Strongly motivated, well organized, shows professional initiative.

Takes ownership of assignments, work both independently and as part of the project team.

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DPS is looking for a talented and experienced Senior level Plumbing/Fire Protection Engineer with a strong understanding of the engineering lifecycle related to facility design and construction in clean room, laboratories, biotech, pharma, or Life sciences industries.

This is a full-time position and with an excellent salary and benefits package.

Responsibilities:

- Strong understanding of engineering lifecycle related to Plumbing/Fire Protection deliverables.
- Work directly with lead engineers to design Plumbing/Fire Protection systems for Biotech and Pharmaceutical clients.
- 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.



DPS Engineering

Contact Information:
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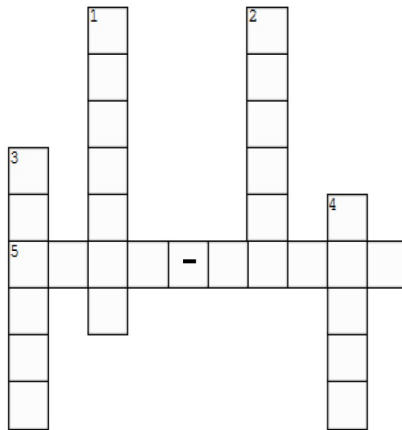
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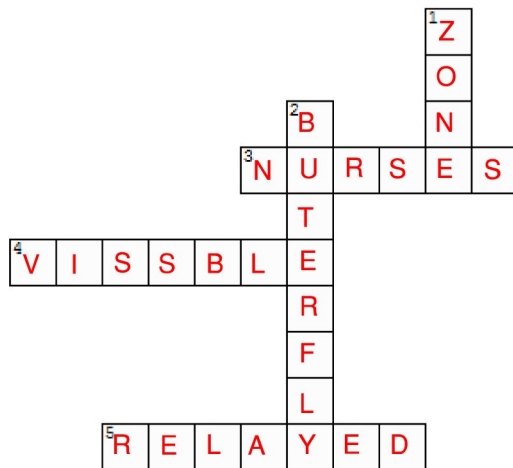
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Down

1. A vertical shaft enclosing one or more flues for conveying flue gases to the outside atmosphere.
2. An exterior drainage pipe for conveying storm water from a roof or gutter drains.
3. Any part of a piping system other than a main, riser, or stack.
4. A flame which is utilized to ignite the gas at the main burner or burners.

Answers will be posted in the Jan. 2016 news letter

Answers from Nov. 2015 crossword



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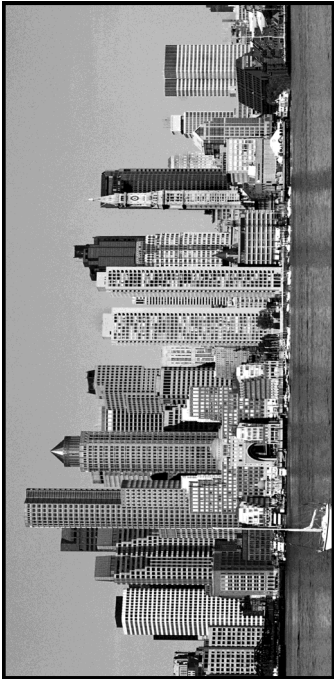


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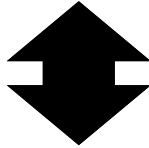
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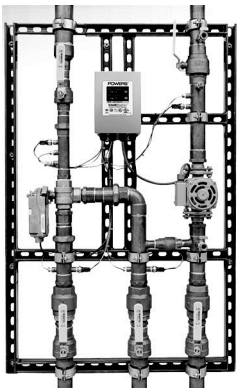
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