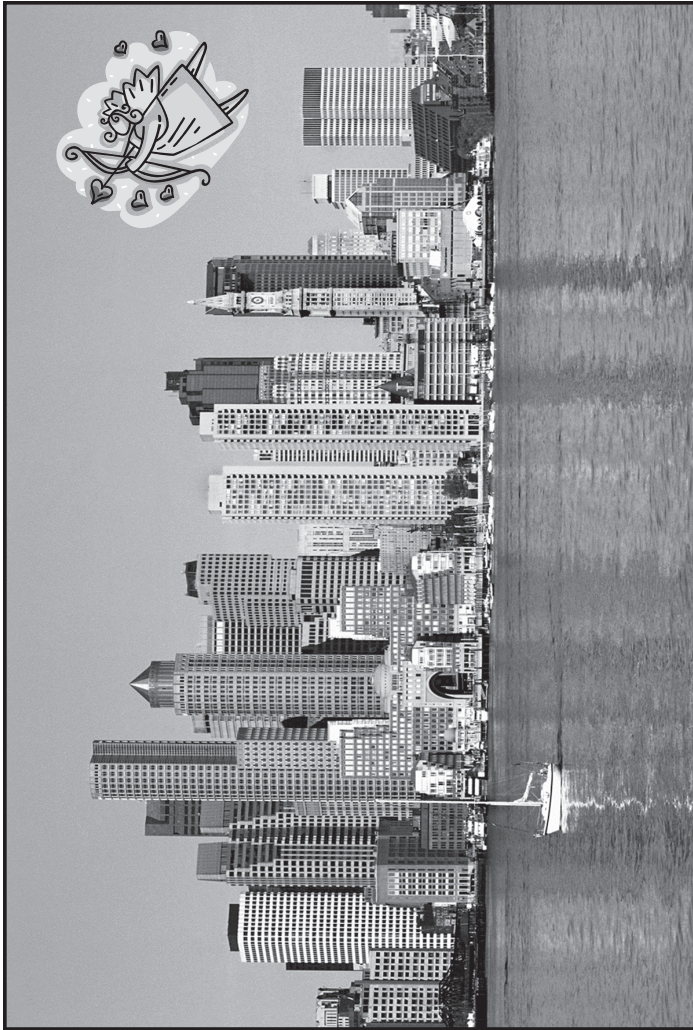




THE AMERICAN SOCIETY OF PLUMBING ENGINEERS

ASPENEWS

1973 - THE BOSTON CHAPTER - 2012
A.S.P.E. - P.O. Box 111, East Walpole, MA 02032 - Vol. 39, Issue 6



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Society email aspehq@aol.com

Society Website www.aspe.com

Boston Chapter Website www.aspebostonchapter.org

Next Meeting

Tuesday, February 14, 2012

The Lantana, Randolph, MA

MAIN PROGRAM

Medical Gas Testing & Verification

Presented By:

Mr. Neil Gagne & Mr. Tom Hill
From William G. Frank Medical Gas Services
Company, LLC.

PROGRAM SCHEDULE

Plumbing 101 / Social Hour	5:00 – 6:00
Dinner	6:00 – 7:00
Chapter Business	6:45 – 7:00
Speaker / Technical Session	7:00 – 8:30

MENU

Clam Chowder, Roast Beef
& Blueberry Cobbler

MEETING RESERVATIONS

\$30.00 Reservation

\$40.00 W/O Reservation

Retired & Currently Unemployed Members are Free

Please reserve by **Friday, February 10, 2012**

Contact Cathy @ W.P. Haney,
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Chapters are not authorized to speak for the Society

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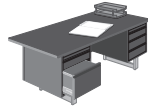
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Fax: (508) - 894 - 2001
email: jgooding@goodingd.com

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President's Report

I am happy to report the following actions and issues that the Chapter's Board of Directors has been discussing and acting on.

Building Drain-line Blockage Study

The Boston Chapter Board of Directors recently voted to make a donation to the Building Drain-line Blockage Study being conducted by the Plumbing Efficiency Research Collaborative (PERC). PERC is a group of organizations that includes IAPMO, PHCC, ICC, PMI, ASPE and the Alliance of ASPE. ASPE joined this group of plumbing industry code authorities, organizations and manufacturers back February of 2011.

The Boston Chapter board feels that this donation will have direct benefits to the members and the plumbing industry in general. We are looking for information to select and install plumbing fixtures that use less water. And there is little information available that indicates how these fixtures will impact drainage systems. Therefore we felt that it is very important that ASPE be at the forefront of these issues and voted to make a donation to this research program.

The request for donations came in an email to ASPE members on December 12 from our Executive director Jim Kendzal. We understand that this particular email was sent to many ASPE Boston Chapter members. Knowing that many of our members do not list their email addresses we have included the body of the email here:

"An important study on Building Drainline Blockages is just short of funding it needs to move forward.

Here is the issue: Water-efficient fixtures lead to reduced water consumption, and can result in lower drainline and sewer line water flows. This provokes some important questions: Do these reduced flows lead, in turn, to stoppages of waste in building drains? What is the 'tipping point' at which flows can be reduced no further without causing solids to clog the drainline? Does the installation of certain high-efficiency plumbing fixtures contribute to stoppages? If so, are remedies available that can mitigate or prevent drainline stoppages?

So far, much of the information on this subject is largely anecdotal. However, field failures recently reported in Australia indicate that the emphasis upon aggressive water efficiency practices, fixtures and equipment may have contributed to systemic waste transport-related failures in building drains and sewer lines, costing millions of dollars to repair.

Will the Australian experiences be repeated in North America? We hope not. Yet, while the drain systems and drought conditions in North America are not necessarily the same as Australia, it is important that the Aussie experiences be considered as a 'wake-up call' to North America.

What is the Solution? The Plumbing Efficiency Research Coalition (PERC) is undertaking a study that will begin to address those questions noted above by scientifically analyzing the issue of blockages and further evaluating the use of higher volume toilet discharges at intermittent intervals as a way to effectively clear drainlines. This is a critical issue that must be resolved, the sooner the better! Lack of answers is currently discouraging many water utilities from running commercial water efficiency programs. It is further stalling the U.S. Environmental Protection Agency's plans to develop a WaterSense Label specification for commercial high-efficiency toilets (HETs)."

Jim Kendzal, Executive Director ASPE (email 12/19/11).

Plumbing 101 Lecture Series

The Board of Directors is continuing to support the Plumbing 101 Lecture series for the remainder of the meeting 2011-2012 cycle. The board has asked some of the attendees if they are finding value in the lectures. The responses have been affirmative. It does appear that we are meeting our goals of educating and enhancement of these individuals.

The initial target attendance was to have between 5 and 10 people - we have been averaging around 5 per lecture. Some board members did express concern over the low numbers of attendees. The reaction to this concern is to continue advertising the Lecture Series through our resources; e.g. The Constant Contact emailing, the Newsletter, and word of mouth.

The previous presentations by Rick Neth and Manny Garcia are on Microsoft Power Point. We are intending to save these to use again in the future. The board has asked Rick Neth to develop further approximately 12 more lectures over the next year. We are also asking the membership for assistance in these lectures. We will publish a list of topics shortly and hope that people will help out.

(Continued on page 3)

Website Information

The Boston Chapter has on its website a "Codes" page (www.aspebostonchapter.org). The design intent of this page is to help in finding the most current edition of applicable plumbing local codes. Recently the www.ASPE.org webpage was updated with a wider selection of code information for every state. The Massachusetts portion has a link to the online version of the 248 CMR (please remember that hard copies are the official version of this particular code). The website also has a contact for just about every local inspector within the Commonwealth. We are encouraging you to view this. Here is the link to the website: <https://aspe.org/StateListofCodes>

We are an all volunteer chapter and rely on people donating a little of their time to keep things going. Having a website and email marketing software program requires regular maintenance. This maintenance can be a little as a couple of hours every month. We would like to have one or two people assist in the maintenance of the chapter's website. If you have some basic computer skills or would like to learn we can use your help. Please feel free to contact myself or Chris Curran if you are interested.

Member Benefit from ASPE Society

There is an application for those of you that have smart phones and tablets (I have not tested this on a laptop or desktop computer yet). The benefit is that you as a current member of ASPE can download this application for free. The Plumbing Engineering & Design Handbook of Tables App is an exact replica of the 2,500-page handbook—except it's in an easy-to-use Adobe Air application. Every chapter is reproduced in HTML or PDF, so you can click through to easily find the information you need. Best of all, instead of paging through hundreds of pages to find sizing data, all you have to do is choose the appropriate pipe material and other design criteria and the sizing data appears instantly! Here is the website link: <https://aspe.org/tablesapp>

ASPE Publications for Sale

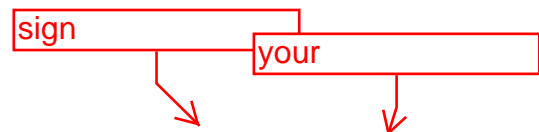
ASPE Society has decided to allow the Chapters to sell ASPE publications directly and at significantly reduced costs. Therefore the Boston Chapter has purchased multiple copies of popular ASPE books. We have displayed many of these at the Product Show this past November. We will also have them on hand at our monthly chapter meeting. If you are interested in purchasing a copy please refer to the flyer in this newsletter for titles and costs. Remember the pricing has been deeply discounted!

Plumbing 101 Lecture Series

The next lecture in the series will be an overview on the Sizing of **Medical Gas Piping Systems**. The lecture will be held on February 14th at 5:00pm at the Lantana. Our Education chairman Rick Neth has been able to recruit Mr. Jim Polando, PE, CPD of TRO/Jung Brannen to present this topic. Jim is the Director of Engineering at TRO/JB. He is also a Chapter Past President and Chapter Officer. I want to thank Jim for accepting the invitation to present this topic.

I appeal to department heads and supervisors to please consider utilizing this resource in bettering the technical expertise of your younger engineers and designers. The time of the lectures start at 5:00pm sharp. Please remember that engineer attendees participating in the lecture will also be the guest of the chapter at the dinner meeting.

The Education Committee is always looking for people to lend a hand. If you know of a topic or can assist in the lectures please feel free to contact our Education Chairman Rick Neth (nethf@pbworld.com or 617-960-4809).



Chapter Meetings

The next Chapter Meeting will be on February 14th, 2012 at the Lantana in Randolph, MA. Please remember to sign in and get you CEU cards. The chapter meeting are always held the second Tuesday of the month. Special meetings will always be announced if required.

Conclusion

There are times we lose track of current and former members. If you are moving between jobs or residences please take a few minutes to get us your new contact information - it's difficult for us to know where you are, especially since we don't have a budget for GPS tracking devices. Also if you have news of other members please pass it along. We are trying to keep in touch with as many people as possible.

I hope to see you at our upcoming meetings. These meetings are a great place to enhance your expertise as well as network. They cannot be a success without your involvement. So please consider attending.

Sincerely, Rich Dean, CPD, President, Boston Chapter ASPE



Technical Report

February ASPE Boston Chapter Meeting Medical Gas Testing and Verification

You are cordially invited to join us for our February Meeting at Lantana in Randolph MA on Tuesday, February 14, 2012. This month's technical meeting will be on Medical Gas Testing, Certification and Verification. This month's technical session will be of interest to both the novice and experienced Plumbing Designers, Engineers, industry Representatives and Contractors. Many of the topics will include new regulations in NFPA 99-2012 as well as current requirements that many engineers are not aware of. I personally consider this a must attend seminar for designers, industry reps and contractors, so spread the word.

Our speakers will be Neil Gagne and Tom Hill of the William G. Frank Medical Gas Services Company, LLC. Our program outline will be as follows:

1. Medical Gas Testing, Certification and Verification overview. This will include a brief background on the William G. Frank Company and their qualifications in the Medical Gas industry along with the current NFPA 99 requirements.
2. ASSE 6010 which covers the Standard for Credential required for Medical Gas Systems Installers
3. ASSE 6030 which covers the Standard for Credential required for Medical Gas Systems Verifiers
4. Medical Gas Testing for existing systems. There are new regulations that NFPA 99-2012 will require regarding periodic testing for existing systems in accordance with Centers for Medicare and Medicaid Services (CMS) and the new Joint Commission.
5. Medical Gas Testing for new installations and renovations. This will cover what portions of the systems are required to be verified, Installers tests and Verifiers tests in accordance with NFPA 99.

Neil Gagne graduated from Plymouth State University in May of 2000 and went to work in the financial services industry. He joined William G. Frank Medical Gas Services in August of 2006, and since then has become credentialed in ASSE 6005, 6010, 6020, 6030, 6040 and as a 6050 instructor. He is also a credentialed Medical Gas Verifier #135 through MGPHO.

Tom Hill graduated from Plymouth State College in 1999 with a BS in marketing and began a successful career in the financial services industry. Tom joined William G. Frank Medical Gas Services in January of 2005. He worked as a journeyman apprentice until he earned his ANSI/ASSE 6030 and MGPHO Verifier #121 credentials, which allow him to independently complete medical gas verification work. After five very successful years helping the firm become the industry leader in medical gas services, he was promoted to field supervisor in January 2010.

By Kevin W. Lally CPD, V.P. Technical, Boston Chapter ASPE



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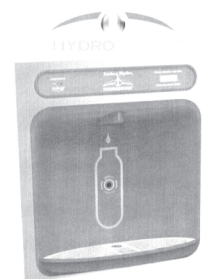
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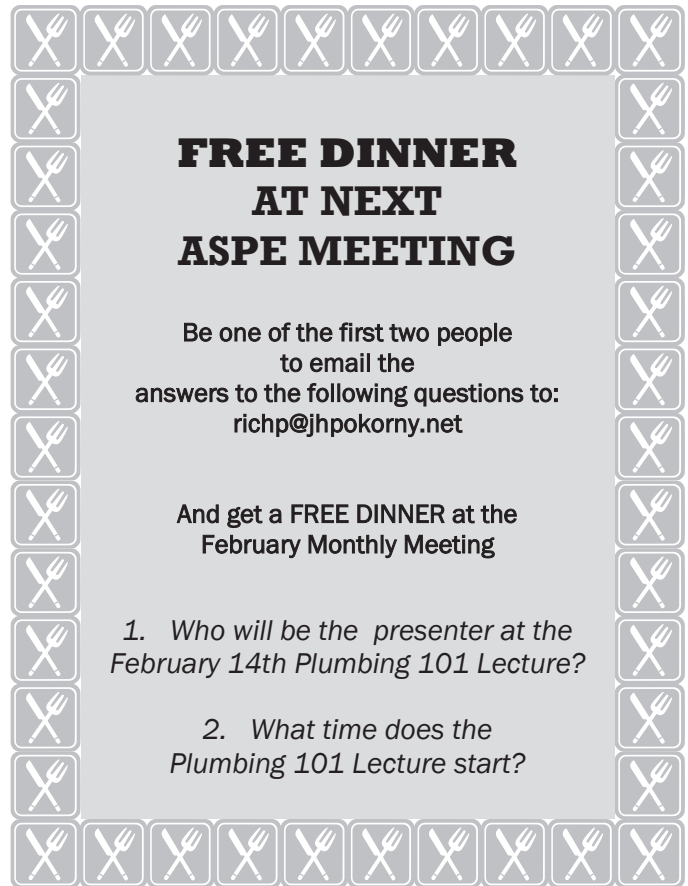
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1. Who will be the presenter at the
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2. What time does the
Plumbing 101 Lecture start?

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- You know how to control line weights by rolling your pencil.
- You haven't written in cursive in decades.
- You know that a French curve isn't a grade change on a language exam.
- You erased sepias with chemicals.
- You had a roll of toilet paper on your drafting board.
- You remember when templates were plastic and not a type of electronic file.
- You know what sandpaper on a stick was for.
- You used a compass to draw circles and not to find the North Pole.
- You know the difference between drafting tape and masking tape
- You own a roll of drafting tape so dried out, it will never be tape again.
- You used to cut and paste with scissors and sticky back.
- You etched your initials into all your tools.
- All your tools said Charrette on them.
- You had a brush hanging from your drafting board.
- You went home with black sleeves.
- Your office windows faced North.
- You made hooks out of paper clips to attach to your adjustable lamp.
- You know an eraser shield isn't a Norton program.
- You've had a middle-finger callous harder than bone.
- You have a permanent spine curvature from bending over your table.
- Everyone smoked in the office.
- You'd change jobs for an extra 25 dollars a week.
- You knew more than one way to quietly sneak back into the office after lunch.
- You always held a roll of drawings so the boss thought you were working
- You learned to fold a drawing to get the title on the front.
- You were accurate from 100 paces with a rubber band or tape ball.
- You were always prepared for a tape ball fight.
- You got your check on Friday before lunch and didn't come back till Monday.
- On Holiday weekends you wouldn't get paid on Friday until after lunch.
- You have draftsman elbow.
- You knew you were working on the original because it was Mylar.
- You laid out your piping before you started to draw anything.
- You had a lettering guide and electric lead pointer.
- You know what onion skin is and had a roll stashed in your drawer.
- A Scum bag was not the guy at the next drawing board over.
- You would stay at work all night if necessary to get a job done.
- You know how to cut a section without a computer.
- You actually know how to apply trigonometry.
- You knew how to use an electric eraser and shield.

(Submitted from the internet)

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Please Note
The APRIL Monthly Meeting
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WEDNESDAY!

More Details to Follow!

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Membership News

New Members

The Boston Chapter would like to welcome a new member to the Boston Chapter ranks:

Peter Gobis, III

Affiliate Member Leonard Valve Co. Cranston, MA

Upcoming February Membership Renewals

Earl Allison
 Joseph Barrell Jr.
 Michael Belanger
 Stephen Beliveau
 John Carter
 Mark Chadbourne
 Seshappa Chandrashekar
 John Ciarcia P.E.
 Dino D'Angelo
 John Deltufo
 Eduard Doraci,
 Rukeme Ejofodomi
 David Ferrari
 Christopher Garcia
 Lawrence Harding
 Robert Jackson
 Joseph Kijowski Jr
 Eugene Kingman
 Robert Kirschner Jr.
 David Kirschner
 Robert Littman
 Gary Lombardi
 Gordon MacEwan
 John O'Brien
 Michael Pensack
 Rocco Rossi P.E.
 Jason Sweatt
 John White Jr.

Upcoming March Membership Renewals

Chad Beliveau
 Brian Bourque
 David Brogan
 John Cannistraro Jr.
 Shawn Cusick
 George DiCenzo
 Kien Diep
 Richard Dumont
 Thomas Duross
 Ronald Furbish
 Jacob Garner
 Robert Griffiths
 Richard Kealty
 Lawrence Keefe
 Kenneth Kelly
 John Kitsalis
 Richard Lewis
 Christopher Lezak
 James Nadeau
 Wae'I Nasrallah
 Robert Nesselle
 Jimmie Ng
 Walid Nicolas
 David Pellegrini
 Kenneth Reagan
 Peter Rogers
 Derek Sylvia



Who missed this when doing their punch list?



A special thank you to our speaker at the January Monthly Meeting—
Mr. George Hansel from
Filtrine Manufacturing Company

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

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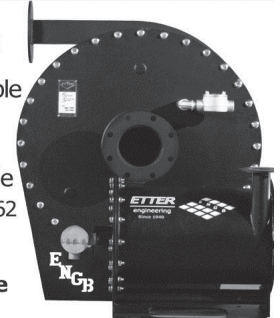
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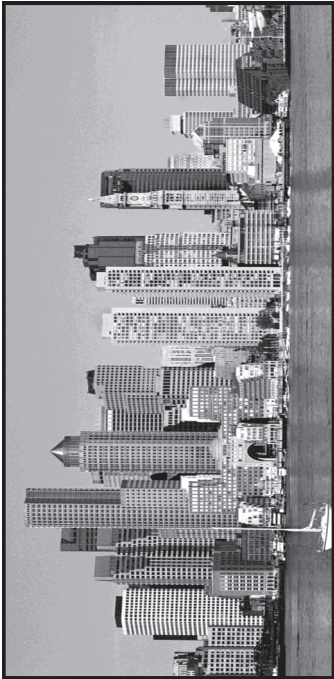
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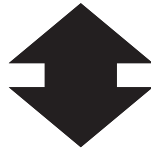
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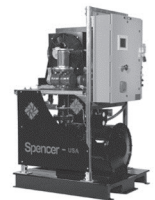
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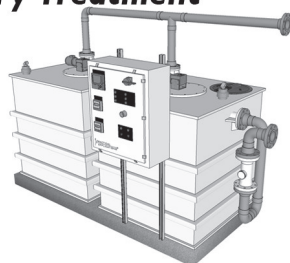


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