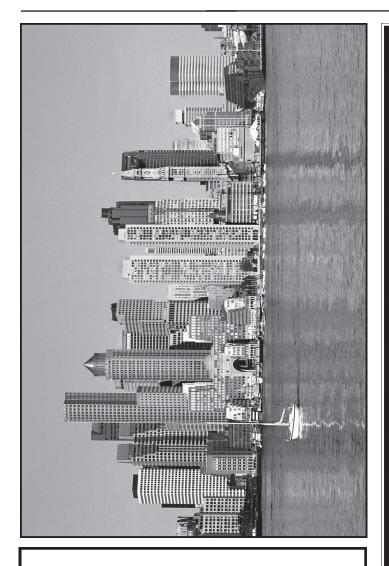


# ASPENEWS

1973 - THE BOSTON CHAPTER - 2012

A.S.P.E. - P.O. Box 111, East Walpole, MA 02032 - Vol. 39, Issue 7



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Society email aspehq@aol.com
Society Website www.aspe.com
Boston Chapter Website www.aspebostonchapter.org

# **Next Meeting**

Tuesday, March 13, 2012

The Lantana, Randolph, MA

## **MAIN PROGRAM**

ASSE Standards & New 2012 IPC & Their Impact on Domestic Hot Water Mixing Valves

# Presented By:

Mr. Peter Gobis III, National Sales Manager Leonard Valve Company

### 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

Minestrone Soup, Cape Cod Stuffed Chicken Breast & New York Style Cheesecake

# **MEETING RESERVATIONS**

\$30.00 Reservation \$40.00 W/O Reservation Retired & Currently Unemployed Members are Free

Please reserve by **Friday, March 9th,** 2012 Contact Cathy @ W.P. Haney, (508) 238 – 2030

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# President's Report

The Boston Chapter has officially started a student chapter at Wentworth Institute of Technology in Boston, MA. The purpose of the student chapter is to promote the Plumbing Industry Professional. One goal is to help students understand the various aspects of our profession. The term Plumbing Professional is not limited to engineers but includes professionals skilled in design, specification, inspection, and manufacturing of plumbing systems. The chartering of this student chapter appears to be a first in the history of ASPE. This would not have been possible if it were not for the efforts of past chapter officers, but mostly notably Rick Neth. Included is the letter from Rick to the Board of Directors announcing the student chapter:

It is my pleasure to announce that on Tuesday evening January 31st at 6:30 pm the 1st meeting of Boston's ASPE Student Chapter was held. The meeting took place at Wentworth Institute of Technology, Boston, MA. In attendance were 13 engineering students, including the recently appointed Student Chapter President Ryan Eisenhauer.

Members of the ASPE Boston Chapter Board of Directors were in attendance to welcome the new members, discuss the purpose of ASPE and offer their assistance. The Boston Chapter members in attendance were Rich Dean, CPD - Boston Chapter President, John Callahan, CPD - VP Membership, Jeff Gooding - Chapter affiliate Liaison, and Rick Neth, EIT, CPD - Chapter Education Chairman. Special guests in attendance included Mr. Rick Roberts, Wentworth Faculty Advisor and Mr. James Polando, PE, CPD, Past President of the Boston Chapter.

The meeting opened with brief introductions from the chapter board members. The discussion touched upon how, with the direction and resources of the Boston Chapter, the student chapter members can start to make informed decisions regarding their engineering career paths.

It was encouraging to witness the interest and enthusiasm that these young engineers showed during the discussions throughout the course of the meeting. The occurrence of this meeting was a milestone in a long process that started with an idea discussed among various chapters during a past Society Convention. As a chapter we developed the idea of starting a student chapter and approached Wentworth Institute of Technology, a venerable local Boston institution with the proposed program. They were encouraged by the idea and recognized the potential benefit to their students. With support of the current and previous Boston Chapter Board of Directors, we were able to bring the idea to fruition.

Rick Neth, EIT, CPD February 1st, 2012

Rick developed the idea, worked with many professionals and finally brought it to fruition. We cannot under state how diligent Rick worked on this. So please join me in thanking Rick for his incredible efforts.

On a related note: Wentworth Institute will be holding a Career Fair for Students and Alumni. The day is Thursday March 15<sup>th</sup>, 2012 and the time is 2pm to 6pm. The Institute expects close to 500 students and alumni to be in attendance. Space is limited, so early registration is recommended. Please contact Peter Cochrane, Technology & Events Specialist at Wentworth. e-mail: <a href="mailto:cochranep@wit.edu">cochranep@wit.edu</a> direct: 617-989-4102 main: 617-989-4101

# Plumbing 101 Lecture Series:

The lecture series will continue in March. Sanitary Pipe Sizing will be the topic. Rick Neth, EIT, CPD & Manny Garcia, PE are scheduled to present the topic. This is a resource intended to supplement the education process of young engineers and entry level designers. Please remember that people that fit this particular criteria and participating in the lecture will also be the guest of the chapter at the dinner meeting. The time of the lectures start at 5:00pm sharp.

Rick and Manny have compiled 10 Power Point Lectures to date. The intention is to provide a lecturer with resources. 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).

(Continued on page 8)

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# Membership News

### **New Members**

### The Boston Chapter would like to welcome our newest members to the Boston Chapter ranks:

Brian Bowes	Affiliate Member	Plastic Pipe & Supply	Cranston, MA
Davis Vashon, P.E.	Full Member	N/A	Waterville, ME

### And welcome our newest applicants for membership from our Student Chapter at Wentworth:

Paul Covino Ir	Student Member	Wentworth Institute	Poston MA
Paul Covino, Jr.			Boston, MA
Ryan Eisenhauer	Student Member	Wentworth Institute	Boston, MA
Jose Herrera	Student Member	Wentworth Institute	Boston, MA
Michael Horton	Student Member	Wentworth Institute	Boston, MA
Javier Jimenez Rincon	Student Member	Wentworth Institute	Boston, MA
Logen Johnson	Student Member	Wentworth Institute	Boston, MA
Jayson Kimball	Student Member	Wentworth Institute	Boston, MA
Ross Malin	Student Member	Wentworth Institute	Boston, MA
Jonathan Oak	Student Member	Wentworth Institute	Boston, MA
Doug Riccio	Student Member	Wentworth Institute	Boston, MA
David Simkovitz	Student Member	Wentworth Institute	Boston, MA
Alan Wang	Student Member	Wentworth Institute	Boston, MA
Dominique Wilson	Student Member	Wentworth Institute	Boston, MA

### **Upcoming March Membership Renewals**

If you haven't renewed your membership already please do so soon. You don't want to be dropped from the roster and mailing list.

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'l Nasrallah
Robert Nesselle	Jimmie Ng	Walid Nicolas	David Pellegrini
Kenneth Reagan	Peter Rogers	Derek Sylvia	Paul Taylor
Luther Thevenin	Joseph Vela		

### Did You Check Out Your Mailing Label?

Take a quick look at your mailing label on this newsletter. Do you notice anything different below your name; two words perhaps? If not, don't worry about it, you can skip to the next section. If you do see two words below your name, specifically "Membership Expired" it simply means that your membership has recently expired and we would like you to rejoin our ranks. If you feel there has been an error, please contact me and I will look into it for you.

### FREE Hardbound ASPE Data Books

If your membership has expired, please remember that you can renew your membership online at <a href="www.aspe.org">www.aspe.org</a>. It is quick, easy and painless. As an added incentive, the first three members with an "Expired Membership" status that rejoin <a href="mailto:online">online</a> will each receive a free hardbound volume of the ASPE Data Book courtesy of the Boston Chapter. Once you renew, just notify me via email and if you are one of the first three to respond the book is all yours. What a deal! For you're your procrastination just might pay off...

### **Photo Caption Contest**

Do you have a clever caption for this photo? If so, email it to me at <a href="mailto:johnc@jhpokorny.net">johnc@jhpokorny.net</a>.

The top submissions will be posted in next month's newsletter with one winner being selected for a yet to be determined prize. Don't worry, it'll be something worthwhile, trust me.







# **Technical Report**

# March ASPE Boston Chapter Meeting

# ASSE Standards & New 2012 IPC & Their Impact on Domestic Hot Water Mixing Valves

You are cordially invited to join us for our March Meeting at Lantana in Randolph, MA on Tuesday, March 13, 2012. We continue to bring you innovative topics that are aimed at keeping our Designers, Plumbing Engineers and industry Personnel highly informed with regard to the ever changing world of Plumbing Engineering. This month's technical meeting will review the impact that current ASSE Standards and the new 2012 IPC will have on domestic hot water mixing valves.

Our speaker will be **Peter Gobis III, National Sales Manager for the Leonard Valve Company**. Our technical program will be broken down into two main sections:

- A detailed review of the five ASSE standards that provide the performance requirements for specific types of mixing valves. As product applications become more specific, so go the performance standards for such products. In this session we will review ASSE 1016, 1017, 1069, 1070 and 1071. These standards apply to mixing valves and are now making their way into the codes, specifically the 2012 International Plumbing Code.
- 2. A detailed review of the sections of the new 2012 International Plumbing Code and its requirements relating to ASSE for listed mixing valve products. In addition, a couple of sections that pertain to hot water recirc will also be reviewed. The IPC is used widely throughout the country and it is the vehicle that ties the plumbing applications to use products that meet specific ASSE standards. Specifically, we will cover the sections of the IPC that discuss these five ASSE standards, along other sections that deal with mixing valve and the domestic hot water system.

Peter Gobis III graduated from Worcester Polytechnic Institute in 1997 with a BS in Civil Engineering, and then received his MBA from Providence College in 2005. He previously worked as a Sales Manager for Senior Aerospace in Sharon, MA, a firm that provides highly engineered products to satisfy rigorous aircraft and weapon system requirements. Peter joined Leonard Valve as their National Sales Manager in 2007 and is actively involved in product development, along with leading mixing valve training sessions nationwide.

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



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# Legislative Report

Regarding Code Concerns

I encourage all of our members to please contact me either by phone or e-mail regarding legislative matters. This month's article is just a brief synopsis of a few subjects that have come to my attention this season

I was asked by one of our members to check out Grease Interceptors and as a result of that request, I recently was in contact with Wayne Thomas, the Associate Executive Director of the Mass Plumbing Board.

With regard to grease interceptors there are no code or policy changes currently being discussed by the Board. The Code as currently written is in full effect.

There is a new policy statement on the Board's website regarding safe pans for domestic Water heaters. The policy allows in certain difficult cases the deletion of the drain and substitution of an automatic valve. If you are designing a Project where safe pans are needed you need to check out the Board's website to see if this change will impact your design.

There is no current discussion about a major Plumbing Code revision. The Board, however, is currently working on revisions to the Mass amendments to NFPA 54. We currently are in 2002 NFPA-54; the Board is working on Mass changes to 2009 NFPA 54 and as we are in 2012 there is thought that they may amend that with the thought of possibly adopting NFPA 2012 with the Mass amendments. There is no timetable established as the revisions are not yet complete nor has the Public comment period been established.

The Board will be hearing evidence from manufacturers regarding the developed length of domestic hot water piping feeding air handling units. Until the Board hears that presentation and acts as it sees fit you should follow the current policy on the website. If the Board makes any changes we will attempt to get that information out to our members as soon as we know.

Since my conversation with Wayne, I have been thinking that the NFPA 54 amendment process presents an excellent opportunity for our community to submit a request for a code change to allow more flexibility in the Gas pipe sizing methodology. Some of our members expressed that thought at the November Product Show. Please, as I suggested in an earlier article, help us assemble some Math and Science data that can be submitted to the Board that will convince them to fully adopt the NFPA54 Pipe Sizing Methodology rather than the 0.5 inch w.c. restriction on low pressure gas sizes.

I know that the Board will welcome our input and will give it serious consideration. We need however to do the leg work and provide the documentation. So, was it Jack Nicholson, in one of his movies, who said "help me help you"? Get me the stuff; I will get it to our ASPE Boston Board of Directors for their input and then on behalf of our Chapter we as a Board will submit the change to the State Plumbing Board.

Manuel B. Garcia, PE V.P. Legislative, Boston Chapter ASPE



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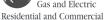
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# **Please Note**

# The APRIL Monthly Meeting Will be a JOINT MEETING with PHCC On WEDNESDAY, APRIL 11th

Meeting will take place at the Local 12 Hall in Dorchester.

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### **Chapter Meetings:**

The next meeting will be held at the Lantana on Tuesday, March 13th. The topic will be ASSE standards, the IPC 2012 and their applicability to mixing valves. This is a discussion that will focus on changes that should appeal to engineers, manufacturers and product representatives.

The April meeting is scheduled to be a joint meeting with the PHCC. It is their turn to host and it will be held at the Local 12 Union Hall in Dorchester. The meeting will have tours of the Apprentice Training Rooms, which include a working solar thermal system and a mockup rainwater harvesting system. The Boston Chapter provided design assistance in developing these prototypical teaching installations for the apprentice program. The night of the joint meeting is Wednesday April 11, 2012. The union hall has plenty of parking is very accessible from downtown Boston.

The May meeting is scheduled to be held on Tuesday, the 8th. This meeting will be held off site at the Boston Winery. The event will include wine tasting and a tour of the winery facility. Space is limited to the first 60 people. We will open reservations up in two weeks. The Boston Winery is located adjacent to Venezia Restaurant on the waterfront in Dorchester.

### Conclusion:

The Golf Tournament is to be held Friday, September 20th at the Wayland Country Club. We are looking for committee volunteers - so please contact last year's committee chairperson, Jeff Gooding or myself if you are interested in helping out.

We raffled two door prizes at the February Chapter meeting. Randomly drawn names were Kevin Neal and Joe Vela, CPD FASPE. The prize was a selection of one of the ASPE Publications the Chapter is selling. Kevin and Joe each selected a copy of "Practical Plumbing Engineering" by Cyril M. Harris. Congratulations to Kevin & Joe!

I hope to see you at our upcoming meetings. These meetings cannot be a success without your involvement. Please stay in touch!

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

# Snapshots from Februarys' Plumbing 101 & Monthly Meeting

On the left: A few of the Boston Chapter members that attended the Plumbing 101 class prior to the February Meeting. The topic for the night was Medical Gas Piping Systems.

On the Right: Tom Hill and Neil Gagne from the William G. Frank Medical Gas Services Co were the guest speakers at the February chapter meeting. The topic of the night was "Medical gas Testing, Certification and Verification".





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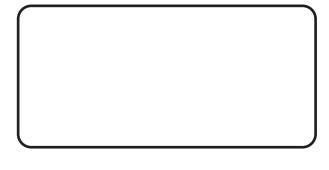


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