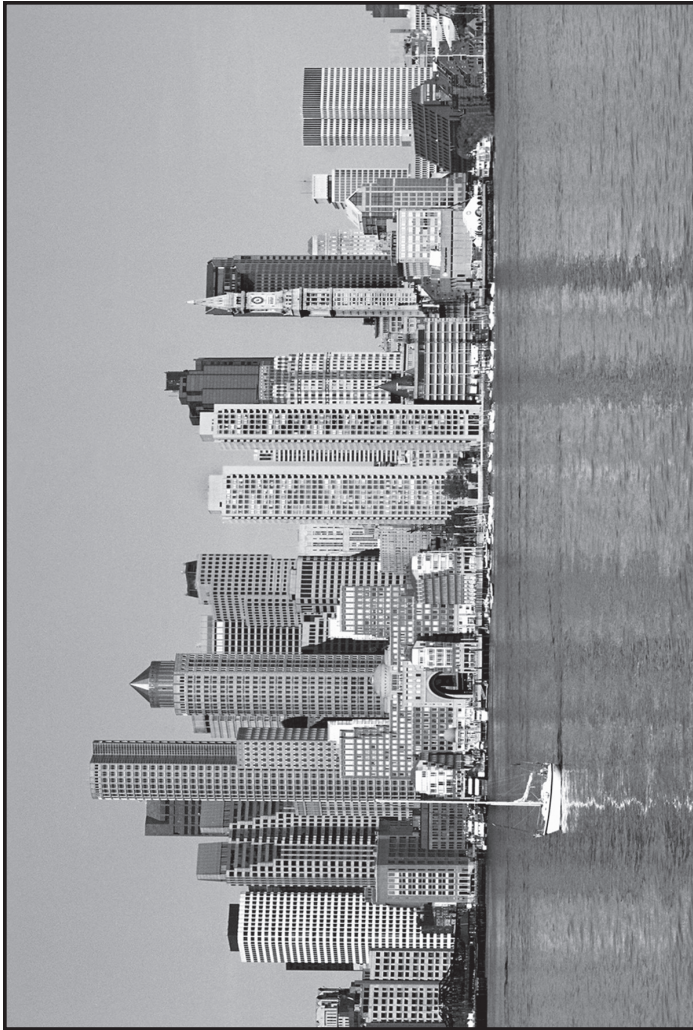




ASPENEWS

1973 - THE BOSTON CHAPTER - 2011
A.S.P.E. - P.O. Box 111, East Walpole, MA 02032 - Vol. 38, 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 8, 2011

The Lantana, Randolph, MA

MAIN PROGRAM

*Gas Purging -
What Went Wrong and What's Coming*

**Presented By:
Ted Lemoff**

PROGRAM SCHEDULE

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

Creamy Wild Mushroom Soup, Chicken Marsala
Boston Cream Pie

MEETING RESERVATIONS

\$30.00 Reservation

\$40.00 W/O Reservation

Retired & Currently Unemployed Members are Free

Please reserve by **Friday, February 4th, 2011**

Contact Cathy @ W.P. Haney,
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Boston Chapter ASPE Product Show

To all Boston Chapter Affiliates and Membership,
The Boston Chapter Board of Directors is pleased to announce our
20th Anniversary Product Show
to be held on
November 8, 2011 at Lantana, Randolph, MA.

Paul Taylor and Nancy Bonnetti have been selected to Co-Chair this event for the Boston Chapter. As in the past, this event is produced and coordinated by many persons and committees within the Chapter between now and November. A few of you will be tapped on the shoulder to help as we continue working out some new ideas. Of course anyone that is interested is welcome to join the team, head up a committee or just be part of this momentous celebration.

We are optimistic for a better economy, a large attendance, an exposition of new products and informative current seminars that will utilize all of Lantana's facility space. We plan to take the time to coordinate with all the Affiliates that have supported the Boston Chapter over the past 40 years. We will be featuring Company spot lights, line cards, years of service and years of Product Show attendance to suit each participating Affiliate at the 2011 Show.

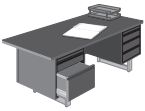
We ask all of you now to please reserve this date on your long term calendar. We are currently reaching out to all of you Affiliates and asking for their continued support through Booth commitments. Additionally, the Co-Chairs and Attendance Committee will be enlisting the support of Plumbing Department Heads. We are seeking their attendance commitment and their employees to this Anniversary Event.

To benefit all those in attendance, we plan to showcase new and exciting Plumbing and Fire Suppression products as well as provide pertinent and informative technical seminars with quality speakers. We fully expect this **20th Anniversary Product Show** to be the most note-worthy and beneficial to date for all Affiliates and attendees.

All comments, suggestions and support are welcome at any time to:

Paul Taylor (ptaylor@ber-engineering.com)

Nancy Bonnetti (nbonnetti@quanteng.com)



President's Report

Ladies and Gentlemen - Specifier beware is the name of this article. As you all know we have spent a good deal of time as the Boston Chapter board trying to obtain information about Code changes in the plumbing code. Now we all know that the Plumbing Board are a bunch of hard working individuals with a lot of projects on their plate so this article is not an indictment of The Plumbing Board. However we as a society need to keep each other informed about items which may affect our clients. For this reason I will share with you an experience I ran into during a recent project.

Now I am not going to mention specific names. However it is a troublesome situation I was put in. It reinforces that we must watch for and react to issues during the design period and not have them occur during the construction period as this issue did.

This project has a toilet room and it will be seeing a lot of traffic and abuse so our client wanted Stainless fixtures. Their reasoning as you was correct.. Stainless Steel fixtures will hold up better than China. So, I specified a Stainless steel urinal on a project I am working on. This particular urinal was listed as an approved product on the Massachusetts Plumbing Boards website. The parties involved believed all the l's were dotted and the t's were crossed with this design.

I was quite surprised however, when I received an email stating that the inspector had been through the project and stated the urinals could not be installed. He stated they did not meet code and even if they were approved and on the website they could not be used on the project. Also they will be removed from the Product approved list. So the next day I made a trip to the site to access the situation. I walked thru the Toilet room in question. On the floor turned upside down was the urinal. Laying on it was the 1 1/2" brass p-trap that was to be attached to the urinal. During the inspectors walk thru I believe the urinal was probably in the same position and the inspector noticed the trap was not integral as the code requires.

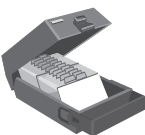
After a number of phone calls between me and the factory representative and an in depth look into the State board approval list I found a few discrepancies that all engineers should be aware of. For instances, not only are there stainless steel urinals that have separate traps there are also Trough type Stainless steel urinals. These too I am under the impression are a unit we are not allowed to specify anymore.

So back to my point, specifier beware. It now seems that even though a part is on the approval list you have to do due diligence and look into any possible problems which might arise. We as a society must help each other out. We need to make other chapter members aware of issues we may have run into so that we can avoid expensive change orders. Unfortunately The Contracting section of this equation will back charge our clients for changes we are forced to make.

I know there have been more incidents that have happened to other engineers. I would ask each of you to consider writing an article about you experience so we can educate our members to these pitfalls.

Lastly I have a meeting next week regarding the CPD class I have been writing about. It should be all cemented and I hope to have the class in March.

By Frederick Neth, CPD, President, Boston Chapter ASPE



Membership News

New Members

The Boston Chapter would like to welcome its newest member;

Cedric M. Mukania, G.E. Associate Member RDK Engineers Andover, MA

Membership Drive

Our membership drive is well underway, and the membership applications are starting to roll in. The membership drive runs through May 1st, 2011. We will be holding a Membership Drive Prize drawing at the May meeting where the names of all new members and all sponsors will be entered into the drawing and one name will be selected at random. The winner will receive a \$250 gift card to Best Buy. Qualifying Members and Sponsors must be in attendance at the May meeting to win.

Membership applications can be downloaded off the www.aspe.org website. Completed membership applications should include the sponsor's name on the applicable line at the bottom of the application. The application and membership dues payment should then be mailed to me, John Callahan, c/o J. H. Pokorny Associates, 1502 Providence Highway, Norwood, MA 02062. This will allow me to accurately track all new members and their sponsors. I will forward your application and membership dues payment on to Society. It's that simple.

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

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Technical Report

January Wrap-up

I want to thank Mr. Bob Littman for a thorough review of vacuum systems designs. Bob started out the presentation with an overview of the fundamentals of vacuum units of measure. He described the importance of understanding how the vacuum system is to be utilized by your clients and the relationship of knowing if certain gases or solvents are to be present in the system. This knowledge will dictate the selection of the appropriate pumps. He went further to describe in detail the various pumping technologies available today and the changes in particular pump systems in response to conservation initiatives.

I would like to refer you to the October, 2010 issue of Plumbing Systems and Design (PS&D) for an in depth approach to vacuum system design.

February Technical Topic & Speaker

The topic for our February Meeting will be: **"Gas Purging - What Went Wrong and What's Coming".**
Synopsis: While purging new fuel gas piping prior to start-up has been a routine event, recent incidents involving multiple injuries and fatalities have put the spotlight on purging and how to prevent future incidents. The talk will cover the significant incidents in North Carolina and Connecticut and discuss code revisions being enacted. A brief overview of the National Fuel Gas Code and upcoming code changes will also be included.

Our guest speaker is Mr. Ted Lemoff. Ted has just recently retired Principal from NFPA. While at NFPA he was the expert engineer for many things including NFPA 54 and NFPA 58. Ted has also narrated many safety videos and topics while at NFPA.

The basis of this topic is based on recent events in which the purging of natural piping created catastrophic damage and, sadly, multiple fatalities. As a result of the investigation by authorities the means and methods of purging of natural gas piping systems is to be addressed in upcoming code revisions. This issue is critical to installers, to manufacturers and to engineers alike. Please take the time to attend this informative session.

March Technical Topic & Speaker

Please note that the March ASPE meeting will be held off site at the Harpoon Brewery, in Boston, MA. The topic of this meeting is a tasting and brief tour of the facility. The tast-

(Continued on page 6)



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March Monthly Meeting

Will be held at

The Harpoon Brewery

All Details will be posted on
www.aspebostonchapter.org
And in next months newsletter!!

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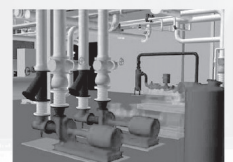
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(Continued from "Technical Report" page 4)

ing will occur in their event room and we will be able to view the plant in operation from the viewing platform. There is parking adjacent to the brewery. The final details will be posted on the chapter's web site by Feb 1st. Stay tuned!

Future Items

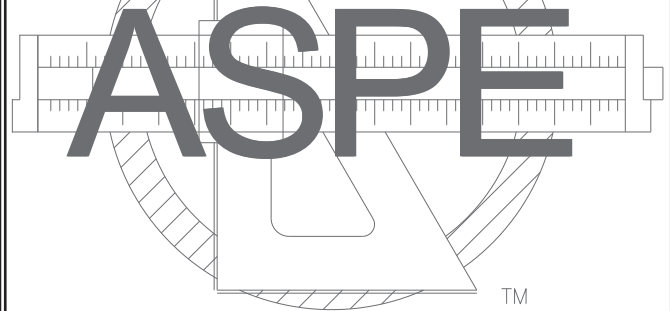
I apologize to those of you looking for something new in my closing. However, we cannot stress how critical the following three items are to the Chapter's operation. Again if you or somebody you know is interested in the helping out please contact any current board member.

1st. The chapter will hold its election of officers in May 2011. The elected positions make up the Board of Directors for the chapter. The Board always needs new blood. Consider a position or if you feel it will be too much but want to help out there is always committees and tasks to be performed. Please consider making a difference in the chapter by stepping up to the plate!

2nd. The chapter has started planning for the biennial product show. Paul Taylor and Nancy Bonnetti are the Product Show Committee Chairpersons and have plenty of tasks both large and small that need attention. This is a great way to get involved. It is also an opportunity to expand your networking contacts.

3rd. The monthly technical topics need to be submitted to the board of directors by this coming July for the upcoming year of 2011 and 2012. ASPE is a grassroots organization and your input is needed. If you have any suggestions please send us your request.

Boston Chapter ASPE Product Show



The Boston Chapter Board of Directors is pleased to announce our
20th Anniversary Product Show

to be held on

**November 8, 2011 at Lantana,
Randolph, MA.**

New England Association of Fire Protection System Designers

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2. *What is the prize in the Membership Drive Contest?*

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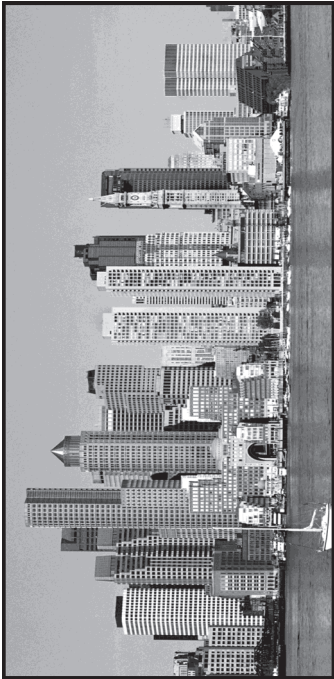
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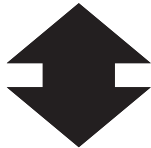
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