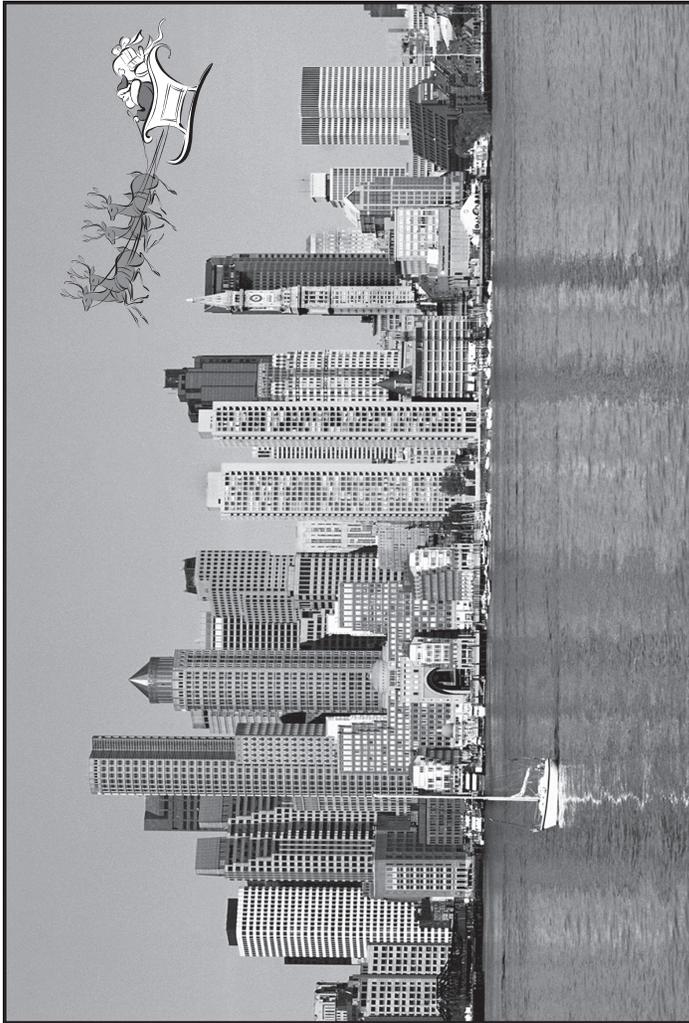




ASPENEWS

1973 - THE BOSTON CHAPTER - 2011
A.S.P.E. - P.O. Box 111, East Walpole, MA 02032 - Vol. 39, Issue 4



WHAT'S IN THIS ISSUE

President's Report	3
Membership Report	3
Legislative Report	4
Boston Chapter Product Show Information	5
Calendar	Insert

Society email aspehq@aol.com

Society Website www.aspe.com

Boston Chapter Website www.aspebostonchapter.org

Next Meeting

Tuesday, December 13, 2011

Embassy Suites, Waltham, MA

MAIN PROGRAM

**"Solar Energy Systems utilizing
Solar Thermal Technology"**

Presented By:
Mr. Ross Trethewey
From RST Thermal

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

Iceberg Wedge Salad, Medallions of Beef Tenderloin
& Bourbon Chocolate Bread Pudding w/ Vanilla Bean Sauce

MEETING RESERVATIONS

\$30.00 Reservation

\$40.00 W/O Reservation

Retired & Currently Unemployed Members are Free

Please reserve by **Friday, December 9th, 2011**

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



President's Report

Product Show:

The ASPE Boston Chapter Board of Directors and the 2011 Product Show Committee is happy to report that the Product Show this year was very successful. We are gauging the success on the very positive feedback that we have received from both attendees and affiliates.

On behalf of the ASPE Boston Chapter Board of Directors I would like to thank all of the affiliates who participated in our 20th Anniversary Biennial Product Show. We truly appreciate the individual efforts of the affiliate's and their employees who made hard sacrifices to be at the show this year.

I also want to thank the many trades people and professionals who attended the Educational Seminars and the Product Show. This thank you also extends to the employers who have allowed their co-workers the time to leave the office or the project site early to be at this event.

The Product Show Committee, co-chaired by Nancy Bonnetti and Paul Taylor, had put hundreds of hours over the last 18 months into the planning and preparation. Now that the show is past their efforts have slowed down and they are in the process of wrapping up. They have certainly raised the bar and have created a new blue print that we can follow for future shows. Great job Nancy & Paul and to the dozens of volunteers who donated time and money to making this show a success.

A key feature of the Product Show was an opportunity to meet the Executive Director and CEO of ASPE Mr. Jim Kendzal, CAE, MPH. I believe that this is the first time that the CEO/ Executive Director had attended one of our shows. Jim made a point of walking the floor to meet as many of the attendees and exhibitors as possible.

Chapter Awards:

I had the opportunity to attend the ASPE Technical Symposium in Orlando Florida this past October. While at the Symposium I was able to receive on behalf of the chapter two very prestigious awards. The first was the Chapter Award of Merit. This award captures the spirit of dynamic volunteerism and is awarded on the basis of a chapter's accomplishment over the past year. And then it is measured by eleven distinct areas which range from the production of chapter newsletters, technical meetings to joint programs with other engineering related organizations. This year there were only 20 chapters that received this award. The driving force behind this effort was Past President Rick Neth.

The second award that we received was the Membership Retention Award. The retention award is hard to get, most especially in this difficult economic period. Society recognizes those chapters that continue their membership over a number of years. To be a winner, the chapter must have retained 90% or more of its previous year's membership. The retention award is given to the chapter vice president of membership for the 2010-2011 membership years.

John Callahan is our VP Membership and is the recipient of this award. However John will be the first to tell you that all the credit should go to Joan Panora who has always been a strong supporter of the chapter. Thank you both Joan P and John C for diligent efforts.

Plumbing 101 Lecture Series:

This lecture series will continue in January 2012. Rick Neth, EIT, CPD & Manny Garcia,

(Continued on page 6)



Membership News

New Members

The Boston Chapter would like to welcome three new members and one returning member;

Gerald Caroto	Full (Returning)	TMP Engineers	Boston, MA
Dennis McCurdy	Full	Woodward & Curran	Bangor, ME
Stephen Kelly	Affiliate	E. W. Leonard	Moodus, CT
Mark Jacobs, P.E.	Full	Woodward & Curran	Dedham, MA

Chapter Update

The Boston Chapter currently has 305 members, and is the second largest chapter; just 9

(Continued on page 8)

President

Rich Dean, CPD
R. G. Vanderweil
Tel: (617) - 956 - 4743
Fax: (617) - 423 - 7401
e-mail: RDean@Vanderweil.com

V. P. Technical

Kevin Lally, CPD
Tel: (603) - 505 - 4503
Fax: (603) - -
e-mail: kwl@eldaar-craftdesign.com

V. P. Legislative

Manuel B. Garcia, PE, CPD
Tel: (508) - 728 - 5652
Fax: (774) - 202 - 7677
e-mail: mgarcia43@comcast.net

Deputy V.P Legislative

Laurence D. Johnston, CPD
Syska Hennessy Group, Inc
Tel: (617) - 682 - 4758
Fax: (617) - 577 - 9191
e-mail: ljohnston@syska.com

V. P. Membership

John Callahan
J. H. Pokorny Associates
Tel: (781) - 762 - 2661
Fax: (781) - 762 - 5949
e-mail: johnc@jhpokorny.net

Treasurer

Richard Pokorny
J. H. Pokorny Associates
Tel: (781) - 762 - 2661
Fax: (781) - 762 - 5949
e-mail: richp@jhpokorny.net

Administrative Secretary

Paul Galvin
GF Piping Systems
Tel: (741) - 788 - 7042
Fax: (508) - 362 - 3544
e-mail: paul.galvin@georgfischer.com

Corresponding Secretary

Patrick J. Haney
W. P. Haney Company
Tel: (508) - 238 - 2030
Fax: (508) - 238 - 8353
e-mail: phaney656@aol.com

ASPENEWS Editor

Dawn Pokorny
Tel: (508) - 520 - 0133
Fax: (781) - 762 - 5949
e-mail: dawnp@jhpokorny.net

Education Chairman

Fredrick (Rick) Neth, CPD
Parsons Brinkerhoff
Tel: (617) - 426 - 7330 X4809
Email: nethf@pbworld.com

Affiliate Liaison

Jeff Gooding
David Gooding
Tel: (401) - 639 - 4429
Fax: (508) - 894 - 2001
email: jgooding@goodingd.com

Board of Governors

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Members

Joseph A. Vela, Sr., CPD
William F. Hughes, CPD



Technical Report

Annual Joint Meeting with ASHRAE Solar Thermal Technology

You are invited to join us for a very exciting December Meeting. 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. This meeting has always proven to be a great opportunity to come out and fraternize with our fellow HVAC engineers, designers and industry professionals. **Please make note that the meeting will be held at the Embassy Suites in Waltham, MA (the old Double Tree) on Tuesday, December 13, 2011. Please RSVP no later than December 9th to**

**Cathy @ W.P. Haney,
(508) 238 - 2030**

The seminar portion of the meeting will focus on the theory and practice necessary for the design and installation of Solar Energy systems utilizing Solar Thermal Technology. Rising fuel costs, stricter emission standards as well as government and utility incentives are many of the reasons for the recent push towards renewable energy sources like solar energy. This presentation will discuss the basics of solar thermal systems, including components, system design, financial feasibility and case studies. The goal of this presentation is to enlighten the engineering community to become more familiar with solar thermal systems and promote better system design.

Our speaker will be Mr. Ross Trethewey. Ross is currently an HVAC Solar Engineer at RST Thermal. Prior to working at RST, Ross worked as a Solar Engineer for a European heating and solar equipment manufacturer. It was there that he took part in a six-month internship at the company's research and development facilities department in Germany, Austria and France. Ross has both his bachelors and masters degree in Mechanical Engineering from Tufts University. His master's thesis was focused on the optimization of solar thermal systems. At Tufts, Ross was selected as the lead engineer on the university's Solar Decathlon team, which is a biennial competition held by the Department of Energy to build a net zero-energy solar powered home. Throughout Ross' career he has shown sincere passion for sustainable energy systems. Please join us this December.

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



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Legislative Report

Gas Pipe Sizing (Again???)

Again I will extend my congratulations to Paul Taylor, Nancy Bonetti and the rest of the product show committee for their outstanding effort in putting together a great Product Show in November. I had the pleasure of assisting in the seminars as a monitor. The seminars were terrific. I had the pleasure of hosting in one of the seminars members of the Mass Plumbing Board including the chair, Mr. Paul Kennedy, the Executive Director, Mr. Joe Peluso, and the Deputy Director, Mr. Wayne Thomas. These fine gentlemen gave of their time to come and discuss with us, some of the recent Board actions which impact all of us.

The Board's website is current and you can download the topics discussed from the site. The main topics discussed included Gas Piping, Gas piping tables, Secondary Roof Drainage, and clarification of total allowable length of domestic water piping serving heating fan coils.

A point of discussion was the fact that the Board has reached out to ASPE Boston Chapter in the past during their deliberation of policy and code changes. It has been my pleasure over the past five years or so to participate in this dialogue. I have found the Board to be very respectful and deliberative of our ASPE Boston input. That brings me to the point of this article.

If you refer to my March 2011 article (on the ASPE Boston website) regarding Gas piping, we discuss the Board's acceptance of NFPA 54 gas piping methodology. Reading further, however, you will see that the Board still requires in low pressure systems (those below 14" w.c.) a system total loss of 0.5 " w.c. This was discussed around the seminar room.

NFPA 54 allows the pressure drop in the system to be engineered so that the only stipulation is that there is enough pressure at the end of the system to run the equipment. I was asked by a couple of engineers to pursue this.

The Plumbing Board will listen to any proposal put forth by ASPE and I believe that a request to have the Board except the NFPA 54 method is reasonable. We need to however to submit documentation to them that is scientific and supported by documentation.

If you are interested in pursuing this request of the board, please e-mail me with your thoughts and supporting documents. The way I have handled this in the past is to put together a draft which I run by an informal group of our interested members, assemble and incorporate their comments and then submit to the Board.

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

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Boston Chapter ASPE Product Show

2011



(Continued from "President's Report" page 2)

PE are in the process of finalizing the topics for the remainder of the 2011-2012 meeting cycle. We had an average of 7 people attend the previous lectures and they have expressed interest in continuing. The Board of Directors and the Education Committee are encouraging the employers of the younger design professionals within our community to allow their junior level employees the time to attend. The attendees 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.

The topic for January will be *Storm Water Systems & Design Fundamentals*. The presenters will be Rick Neth and Manuel Garcia. 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).

Chapter Meetings:

The chapter meetings are always held the second Tuesday of the month. Special meetings will always be announced if required. **The December Chapter Meeting will be held with the Boston Chapter of ASHRAE. The date is December 13th and will be held at the Embassy Suites, Waltham.** The January Chapter Meeting will be held on January 10th, 2012 at the Lantana, Randolph, MA

ASPE - Society Reports:

The following was authored by Gretchen Pienta and is re-printed for information purposes.

ASPE and IAPMO Agree to Develop Green Plumbing Design Certification.

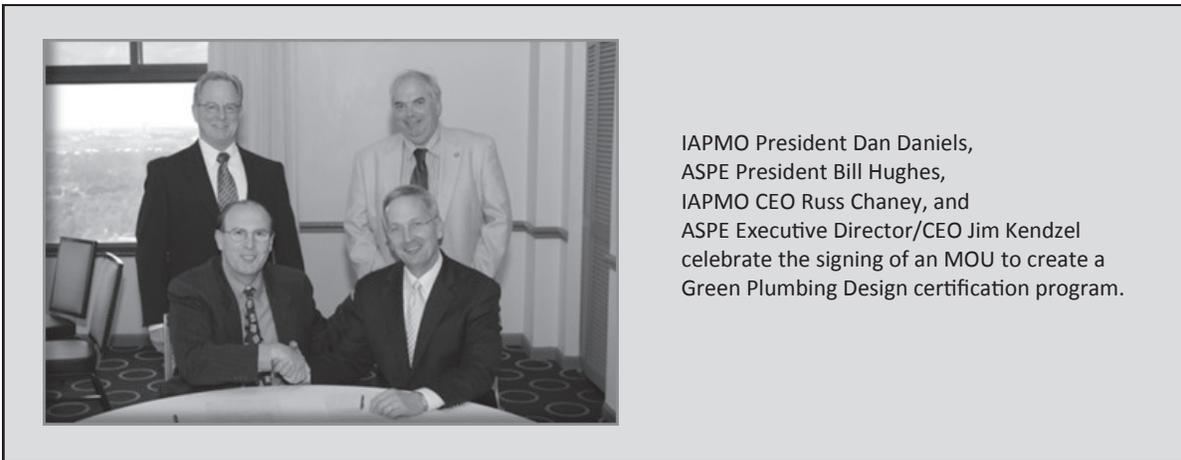
The International Association of Plumbing and Mechanical Officials (IAPMO) and the American Society of Plumbing Engineers (ASPE) have entered into a Memorandum of Understanding (MOU) to train, test, and certify qualified plumbing engineers and designers in the United States to perform green plumbing design work, to design systems that conserve and protect water supplies and reduce energy consumption in the delivery and use of water.

The organizations recognize unique characteristics in each association that make this agreement a viable and worthwhile endeavor. According to the MoU:

- IAPMO will develop a green plumbing design curriculum based in part or whole upon current green plumbing and green plumbing inspector curriculum, with input and possible additional curriculum provided by ASPE.
- The Green Plumbing Design program will be tied to the current ASPE Certified in Plumbing Design (CPD) program by requiring the CPD as one of the eligibility requirements for sitting for the Green Plumbing Design exam.
- IAPMO and ASPE agree to co-promote the Green Plumbing Design program, as well as the Green Plumbing Inspector and Green Plumbers Training programs.

IAPMO and ASPE, through the use of the IAPMOLearn staff and industry subject matter experts, will coordinate the overall course development, hours of instruction, method of delivery, and cost of instruction and assessment of the Green Plumbing Design program.

"ASPE is proud to have IAPMO as one of our key strategic partners, and this new endeavor in the area of green plumbing design training and certification is just one example of how our two organizations can work together to serve the plumbing community," said Jim Kendzel, MPH, CAE, ASPE Executive Director/CEO. "The availability of plumbing professionals having validated knowledge in green design based on sound engineering practices will be a major force in advancing green building design concepts in the future."



IAPMO President Dan Daniels, ASPE President Bill Hughes, IAPMO CEO Russ Chaney, and ASPE Executive Director/CEO Jim Kendzel celebrate the signing of an MOU to create a Green Plumbing Design certification program.

"With so many great synergies at play between these two organizations, working together to further the development of increasingly more sustainable plumbing systems through training and certification of the engineers who design them is an ideal collaboration on behalf of our industry," said GP Russ Chaney, IAPMO CEO. "We look forward to the launch of the Green Plumbing Design program."

Conclusion:

I hope to see you at our upcoming meetings. Please have a happy and safe holiday season and of course a happy New Year.

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

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(Continued from "Membership Report" on page 2)

members fewer than the Chicago Chapter. While we are 9 members closer to being the largest chapter once again, some of our Boston Chapter members let us down. Had our members all renewed their expiring membership on time last month we would have surpassed Chicago this month.

Would have, Could have and Should have!!!

In an effort to keep our chapter membership informed of their upcoming membership renewals, below is the list of those members whose membership renewal date is approaching. If you see any of these members, please mention that we are trying to achieve 100% retention this month. We need your help though. **We have 36 members whose membership is up for renewal in December. That's 11% of our chapter!** I challenge each of you to get your membership renewal sent in on time. Let's see if we can surpass Chicago before the new year!

November Membership Renewals

John A. Davis CPD
Russell J. Ferland P.E.
Frank M. Giampietro
Bruce R. Hanson CPD
Robert L. Lyman
Dennis V. Maguire
Joseph M. Myers
Anthony J. Petrillo
James N. Polando P.E., CPD
Allan R. Sloane G.E.
Chad E. St. Onge CPD
Bruce D. Walker
Patrick J. Walsh
Gregory B. Wozny P.E.

December Membership Renewals

Walter J. Araujo
John E. Cabral
Greg Campbell
Gilbert Castera Jr., P.E.
Anthony Centrella
Timothy Chicoine
Daniel Mark Cohen
Kenneth M. Elovitz
Joseph A. Fiorino
Michael L. Fournier P.E.
James J. Galvin
Manuel B. Garcia P.E.
Timothy J. Gillis
Geoffrey F. Hamilton
Jeremy Harold
Kenneth P. Hong
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Kenneth Southwick P.E.
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By John Callahan, CPD, V.P. Memb., Boston Chapter ASPE

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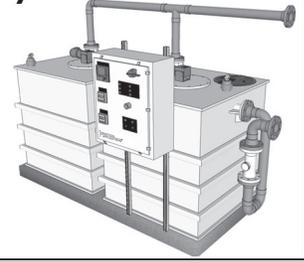


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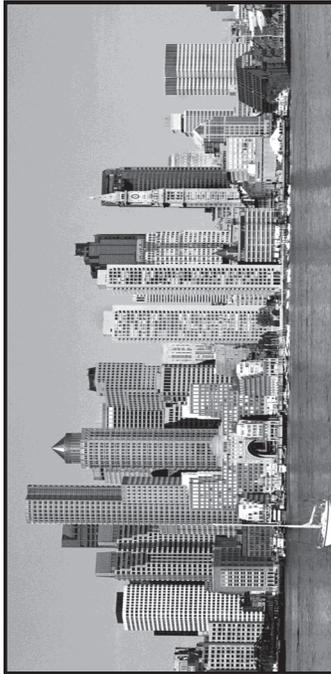
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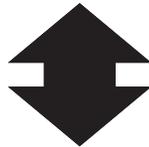
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