



ASPEnewsletter

Southwestern Ohio Chapter

Sept 2009 Volume 28 Issue 2

Chapters are not authorized to speak for the Society

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The *ASPEnewsletter* is published by the Southwestern Ohio Chapter of the American Society of Plumbing Engineers (a non-profit organization). Opinions expressed herein are those of the authors and do not necessarily reflect the views of the Southwestern Ohio Chapter, American Society of Plumbing Engineers or the Editor.

ASPE September Meeting

Date: TUESDAY, September 15th

Location: Cincinnati Master Plumbers Association Training Facility.
11020 Southland Road, Cincinnati, Ohio, Phone 513.742.2672.
From I-275 take SR 4 south to Northland (1/2 mile); turn right on Northland to Southland (1/2 mile); turn left on Southland to CMPA Training Facility (1/4 mile). Plumbing Products Show. Demonstration of Ditch Witch boring machine. Hot Dogs \$.50, hamburgers \$1.00. Free chips and drinks.

FUTURE MEETING SCHEDULE

Sept 15, 2009 Product Information Show @ Cincinnati Master Plumbers

Oct 20, 2009 "Press Fit Copper Systems" presented by Elkhart Copper Co and Bill Hutchinson of BWA South

Oct 22-25, 2009 Technical Symposium @ Dearborn Michigan

Nov 17, 2009 "Green Presentation " presented by Zurn Green Systems and Bill Hutchinson of BWA South.

Dec15, 2009 Dayton Engineers Club Christmas Party

Jan 19, 2010 "Seismic Bracing" presented by Chris Jacobs of ISAT Inc. and Pat Murphy of Midwest Spec.

Feb 16, 2010 "Specialized Fixed Fire Control Systems & The Adding of F-500" presented by Thomas Price of Hazard Control Technologies

Mar 16, 2010 "Comparisons of Hot Water Boiler/Storage Tank VS Tank Type Heater for Commercial Applications" presented by Denny Lammers of Campbell Equipment Company.

June 2010 Dayton Dragons

June 2010 Region II Presidents Meeting

**All meetings held in Middletown unless noted otherwise
All meeting topics subject to change without notice**

**Southwestern Ohio Chapter-ASPE
2009-2010 Chapter Meeting Meal Assessment Form**

For the 2009-2010 Chapter year, the Board of Directors has established the following individual and corporate meal assessment rates for all regular Chapter meetings:

- \$140 Individual Meal Assessment**
- \$160 Corporate Meal Assessment** (can be used by more than one individual during the 2009-2010 Chapter year)

Please indicate your meal assessment choice, include your check (payable to the Southwestern Ohio Chapter-ASPE and marked "Meal Assessment") and complete the following:

From: _____

Tel: _____
Fax: _____
e-mail: _____

**To: Matt Sciarretti
 Heapy Engineering, LLC
 1400 W Dorothy Lane
 Dayton, OH 45409-1310**

September/October 2009						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
6	7 Labor Day	8	9	10 Make your reservations NOW!	11 Patriot Day	12
13	14	15 SW Ohio Chapter meeting	16	17	18	19 Rosh Hashanah
20	21	22 Autumn begins	23	24	25	26
27	28 Yom Kippur	29	30	1	2	3
4	5	6	7	8	9	10

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	No Lead Commercial Brass WE GOT THE LEAD OUT	

Technical jargon...

- The **LEED for Homes Affiliate Program** allows regional green home building programs to promote the growing green residential market by partnering with USGBC as a LEED for Homes Affiliate. It is designed to work flexibly and smoothly with other third-party green home providers. The first two green home building programs that have signed on to be LEED for Homes Affiliates are the Home Builders Association of Greater Dallas and Minnesota GreenStar.
- ASSE Series 5000 (2009): *Cross-connection Control Professional Qualification Standard* is the only such standard approved by ANSI. **It features two new standards: Fire Sprinkler System Cross-connection Control Tester Professional Qualification Standard and Backflow Prevention Program Administrator Professional Qualification Standard.** It also defines the minimum performance requirements for testing backflow preventers that meet the requirements of ASSE standards and covers the minimum performance requirements needed to be ASSE certified as a backflow prevention assembly tester, a backflow assembly repairer, and a cross-connection control surveyor.

-Casper the Friendly Ghostwriter

Legislatively speaking...

- A new study conducted for the National Fire Protection Association (NFPA), comparing residential construction in four counties in Maryland and Virginia, investigated whether the imposition of sprinkler ordinances within a jurisdiction had a measureable impact on the housing construction or prices in that municipality relative to comparable nearby communities without such an ordinance. The results concluded that **the presence of sprinkler ordinances has no negative impact on the number of homes being built.**
- Years ago, the Commonwealth of Massachusetts Division of Professional Licensure (DPL) stopped official recognition of plumbing engineering, but new legislation, Senate Bill 181, is being considered to **reinstate the professional registration for engineers involved in the plumbing discipline.** The bill currently is held in the Joint Committee on Consumer Protection and Professional Licensure. Interested parties are encouraged to contact members of the committee with their opinion of this bill. Today, Massachusetts. Tomorrow, Ohio, Kentucky and/or Indiana?
- According to the (*Santa Barbara, CA*) *Daily Sound*, after revisiting a proposal to require fire sprinklers in all new residential and commercial building, as well as structures undergoing major remodels, through an amendment to the city's fire code, the Santa Barbara City Council **unanimously agreed to approve the new code requirement.**

- A coalition led by the Plumbing Manufacturers Institute recently helped Texas join California as the second state to **require high-efficiency water closets in all new residential and commercial construction**. Texas House Bill 2667, signed into law on June 19, also sets maximum showerhead flow rates at 2.5 gallons per minute and urinal flush volumes at 0.5 gallon per flush. Effective September 1 of this year, the legislation mandates that water closet and urinal manufacturers phase in HETs over the next four years. Any plumbing product certified by the federal WaterSense program is exempt from the new Texas efficiency standards. The bill also repeals all manufacturer product-filing fees and testing requirements, formerly required by the Texas Commission on Environmental Quality, the state testing and certification agency.

- The International Association of Plumbing and Mechanical Officials (IAPMO) is now offering **online access to its most current Uniform Plumbing and Mechanical codes** through the IAPMO Web Portal. Through this portal, plumbing and mechanical professionals can access the Uniform Plumbing and Mechanical Codes, as well as several state and international custom codes using a dynamic interactive and annotatable web platform powered by Citation. The tool is fully searchable and will be updated automatically whenever changes are made to the codes.

- At the 2009 NFPA Technical Meeting, an amending motion was made and passed to **return the entire NFPA 99 (2010): Standard for Healthcare Facilities back to committee**. In August, the Standards Council reviewed an appeal by a member of the American Society of Anesthesiologists to reject this amending motion. This appeal was rejected. During the complete revision cycle, all members of the healthcare facilities standard committee did extensive and valuable work in reorganizing and rewriting NFPA 99. However, the membership debated and voted that the entire document was not yet ready for issuance and that further work was necessary. This was enhanced by an advisory ballot submitted by members of three of the seven technical committees, although not binding. The Council now requires further processing of the 2010 edition of NFPA 99, and it will be reentered into the 2011 revision cycle. The 2005 edition shall be in effect for the next three years.

- When building owners expect tax relief and promise certain sustainable features to tenants and/or the public, not achieving the projected US Building Council LEED rating becomes a **financial and legally actionable issue**. The liability involved in failed LEED criteria is new territory as there has not yet been a test case in the courts. But, considering how litigious our society has become, it's only a matter of time before a building owner, contractor

and/or design professional finds themselves a target of breach of contract and/or negligence lawsuits. So consider yourself forewarned.

- The Ohio State Architect's Office (SAO) has released the following in the latest edition of SAO eNews:



SAO College Fall 2009 courses have been approved for Health Safety and Welfare (HSW) through the American Institute of Architects (AIA).

Architects can earn up to 7.0 AIA-HSW learning units if attending in

Columbus and up to 6.0 AIA-HSW learning units if attending in Cleveland or Cincinnati.

In addition licensed contractors can earn up to 6.5 learning units through the Ohio Construction Industry Licensing Board (OCILB) for certain courses.

The annual one-day seminar is slated for September 10 at Cleveland State University, September 17 at Cincinnati State Technical and Community College and September 24 at Columbus State Community College.

Sponsored by the State Architect's Office, SAO College educates interested parties on the proper design management and construction management of state projects. SAO College is attended annually by more than 200 participants, including architects, engineers, contractors, construction managers and state agency or state college/university representatives throughout the State of Ohio.

Topics for this year's seminar include an update on Ohio Construction Reform, energy rules, partnering, paperless project management (OAKS Capital Improvements), what's new in state contracts and tips for completing the Statement of Qualifications (SAO Form F110-330). Those attending in Columbus also will learn about the changes in the fee structure with Industrial Compliance during the lunch session. A question and answer session will take place during the lunch session in Cleveland and Cincinnati led by State Architect Craig Weise. The cost per person is \$120. A continental breakfast, refreshments and lunch are included.

All attendees will receive certificates of attendance after each class for use with other professional organizations, such as the Society for Professional Engineers and the Society for Marketing Professional Services who do not require a formal approval process for continuing education providers.

Minor changes have been made to the Statement of Qualifications (SAO-F110-330) form. Additional information has been added to Section B (Firm Point of Contact). We are now asking firms to provide the name of the President/CEO, the county where the lead firm or joint venture is located, its Federal Tax Identification number and Web address in this section.

We have added a new page for Section D (Organizational Chart of Proposed Team) with space to insert the organizational chart. Additional information regarding the structure desired for the organizational chart, including standard titles to identify specific roles within the project team, has been added to the instructions section of the form.

The instructions for Section E have been clarified regarding where to list out-of-state registrations and examples of organizational memberships and certifications recognized by the state.

The updated Statement of Qualifications can be found on the SAO Web site at www.ohio.gov/sao (click on Forms/Documents).

DAS is improving and streamlining its presence on the World Wide Web. We think that come September you will find the site easier to navigate with the information you need or someone to contact always within just one or two clicks. Behind the scenes with the changes in layout, organization and design there also are changes to the way the site is hosted. This means that any DAS or SAO bookmarks you may have stored in your browser will no longer work after the end of August.

In the coming weeks the State Architect's Office will use their customer e-mail list to offer a list of helpful links you may use to replace your old bookmarks. In the event you don't do this, your old bookmarks will take you to a page where there will be a link to the new DAS homepage – from there, navigation should be easy.

-Ronald K Bartley, PE, CPD, CPI

Through the pipes...

• For full registrants driving to the 2009 Technical Symposium, **ASPE is offering this transportation stipend:**

- \$150 toward gas for those driving their own vehicle carrying 2 to 5 people
- \$200 toward gas for those driving their own vehicle carrying 6 to 10 people
- \$300 toward gas for those driving their own vehicle carrying more than 10 people
- \$500 plus \$200 toward gas for those who rent a van carrying 6 to 10 people

- \$1000 plus \$300 toward gas for those who rent a bus carrying more than 10 people

To receive the stipend, you must bring the names and signatures of those in the vehicle (number of passengers includes the driver, but all must be full registrants to the Symposium) and proof of rental (if applicable) to the ASPE office in the Dearborn Hyatt Regency Hotel, and ASPE will make out a check within the hour. Members should check their e-mail for more Economic Stimulus Program incentives!

• An email recently sent from our Society's offices to the attention of Chapter Presidents contains **information of importance to the membership.** An edited version of the email follows:

Good Day All,

I apologize for the delay, but during our move to the new office we experienced a glitch with our network, which prevented me from sending out the EOM reports. Nevertheless, we are up and running and attached are your Chapters month-end July reports.

You will see that ASPE has suffered a great drop in membership from our average of 6950. Over the past four months our recruitment of members is at an all time low. In the past ASPE would average close to 100 new members per month; now we are only averaging approximately 40 per month. In addition, we have lost approximately 198 members during this time.

Based on the feedback I have received from members, some have been laid off from work, while companies have decided to scale back on professional dues payments. If you have any members in your chapters that would like to maintain their membership but aren't in a position to do so at this time, please make them aware of ASPE's "compassion waiver" program, which allows a member to maintain their membership over a three month period and at the end of the third month they can renew at a discounted renewal rate.

If you are unfamiliar with this program, please contact me directly and I can forward you the information to pass on to your membership base.

As always if you have any questions or concerns, please let me know.

Thank you kindly.

Stacey A Kidd
ASPE's Director of Membership
2980 S River Road
Des Plaines, IL 60018
847-296-0002 x227 (phone)
847-296-2963 (fax)
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● Sign of the times: researchers from the University of Washington, McGill University, and Oregon State University collected single-day samples from 96 municipalities across Oregon and **tested the samples for evidence of methamphetamine, cocaine and ecstasy.** Their findings provide a one-day snapshot of drug excretion that health officials can use to better understand patterns of drug use in multiple municipalities over time. They found that the index loads of BZE (a cocaine metabolite) were significantly higher in urban areas and below the level of detection in some rural areas. Methamphetamine was present in all municipalities, rural and urban. Ecstasy was at quantifiable levels in less than half of the communities, with a significant trend toward higher index loads in more urban areas.

Other voices...

A topic that has rapidly become a hot-button issue within the home building industry concerns the move to mandate residential sprinkler systems in all new home construction. Recently, Habitat for Humanity took a stand against such legislation. The following includes the text in an open letter from the National Fire Sprinkler Association to Habitat for Humanity International CEO Jonathan Reckford.

Monday, August 3, 2009, Patterson, NY – The National Fire Sprinkler Association (NFSA), the longest-tenured fire sprinkler advocacy organization in the US, delivered the following letter to Habitat for Humanity International CEO Jonathan Reckford, in response to that organization's campaigning against governmental adoption of the recently passed International Residential Code (IRC). The new IRC requires fire sprinkler systems to be installed in all new one- and two-family homes in the US, starting in 2011. The code is in the process of being adopted at state and/or local jurisdictional levels across the country.

Following is the text of the letter sent by NFSA President John Viniello:

Dear Mr Reckford,

Your organization's recent opposition to the fire sprinkler mandate in Michigan has not gone unnoticed. We at NFSA are extremely disheartened with your stand against the most valuable fire safety device a residence can contain. We fail to understand how an organization dedicated to helping humanity can take a stand against something proven to save lives, especially since many of the people waiting for Habitat for Humanity homes lost their original place of residence in a fire. There has never been a multiple fatality in any building with a properly operating fire sprinkler system. NEVER.

Personally, as President of the National Fire Sprinkler Association, I take great umbrage with your

organization's stand against mandating home fire sprinkler systems. If your "habitats" are, as you say, for "humanity," wouldn't it follow that you would do all you could to protect the humans that (inhabit) the homes that you build?

Many of our members have donated, and continue to donate, materials and labor to your organization's cause, not, obviously, for profit, but to ensure the residents of your newly built homes are guaranteed a safe place to live. Fire sprinklers save lives, reduce property loss and can help cut homeowner insurance premiums. We at NFSA believe that all people deserve this protection and our members work tirelessly, and often selflessly, to bring this invaluable safety resource to the general public.

Will our members profit if these mandates pass? Of course they will. The last time I looked there was nothing un-American about making a profit. As I'm sure you are well aware, homebuilders substantially mark-up bids from their sub-contractors. Do they make a profit or do they give the homes away? The difference here is that the product we represent has been proven to save lives and protect property.

Eight out of ten fire deaths occur in the home and most firefighter deaths result from fighting residential fires. Nationwide, nearly 3000 people die in residential fires each year. To NFSA, these figures are unacceptable, especially when there is a proven solution to these tragedies. Fire sprinkler systems have been saving lives for over 100 years. We think every person deserves the right to be safe in their own home.

I think it's time that Habitat for Humanity felt the same way.

I would welcome the opportunity to discuss this with you further.

Sincerely,

John A Viniello
President, NFSA

Parting thought...

...ask for the old path, where the good way is, and walk in it.

-Jeremiah 6:16

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