

KC ASPE PIPELINE

Journal of the Kansas City Chapter of American Society of Plumbing Engineers | chapters are not authorized to speak for the society

Volume 12, Issue 1

NEXT MEETING

Date

October 13, 2008

Location

**Wyndham Gardens Hotel
I-435 and Metcalf**

Topic Hot Water Boiler System Design

Presented by Tim Powel and Jason Funk of Hughes Machinery

Time 5:15 – 6:00 p.m. – Sign in/Technical

6:00 – 7:00 p.m. – Dinner

7:00 – 8:00 p.m. – Program

Cost \$20 (Free to full & associate members that register prior to the deadline and sign in prior to 5:30 pm.)

RSVP Deadline Noon Thursday October 9th

jerri.brewer@hei-eng.com or 913.742.5531

BOARD OF DIRECTORS

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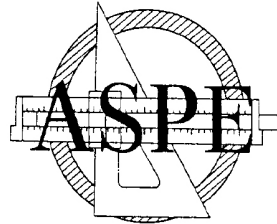
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PRESIDENT'S MESSAGE - Mike Haramia

Our second regular meeting of the 2008/2009 season is Monday October 13th. I am excited to announce the dinner price will be **free** to all full and associate members who register prior to deadline. It is also going to be the first regular meeting at our new venue, the Wyndham Garden Hotel. The hotel is located on Metcalf Avenue, just north of I-435. The technical session begins at 5:30 PM, followed by dinner at 6:00 PM; and the presentation at 7:00 PM. I encourage you to make reservations and attend the meeting. Bring a guest who would enjoy and benefit from networking with plumbing professionals in the Kansas City area. The dinner will consist of pan fried walleye, lightly breaded and sautéed with Japanese panko breadcrumbs, served with roasted red potatoes, and mixed vegetables. Please see Chris Sturges' article for more information about October's evening program and the new meeting payment procedures. Please make a point of visiting the table top in the tech session prior to the dinner. It is an excellent opportunity to learn more about some of the products that are represented by the affiliate members. They work hard at preparing for the meetings and this is their opportunity to reach out to the plumbing engineering community.

There will also be a contest during the monthly meetings. It is hoped the contest will encourage membership, attendance and raise money for ASPE research.

Please feel free to contact any one of us with your questions or comments about these or other issues. We value your input.

This is your last reminder regarding the Bi-Annual Convention and product show! It will run from October 25th through the 29th in Long Beach, CA. In conjunction with each Convention, is the Engineered Plumbing Exposition, the largest gathering of plumbing engineering. There will be six delegates from our chapter attending the convention. The delegates will consist of the current board members. Becoming a chapter board member is a great way to participate in



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Historian - James T. Klamm

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Product Show Chairperson -

Rebecca L. Kellhofer (Becky)

beckyk@sfe.cc

Product Directory Chairperson -

James A. Brune, PE, CPD (Jim)

bruneja@bv.com

Roster/Reservations Chairperson - Jerri Brewer

jerri.brewer@hei-eng.com

AFFILIATE LIAISON

Lilliard Richardson

Our October meeting is basically the start of our Chapter's new year, since the joint ASHRAE/ASPE meeting last month. Everyone needs to re-check your calendars to note the date and time of each of our upcoming meetings and make your commitment to attend each and every one of them.

This month's meeting is an *evening* meeting sponsored by Hughes Machinery. The topic is "hot water systems" and should be a good one.

Come join us for an evening full of good things: an interesting speaker and topic; the time to renew acquaintances; make new friends and even to "schmooze" with the other members, whether Affiliates or Full/Associate members.

Note that your Board of Directors started sporting a name badge engraved with the ASPE logo, their name and leadership position in the Chapter. These can be ordered by all members by contacting me at the October meeting or the December meeting. Assuming no price increases on the name badges, they can be purchased for around \$7.00 each. Just let me know what is the correct spelling of your name and company, and I will order them and have them by the November meeting. The same will be in place for the December meeting, that is, giving me the correct information and money at the December meeting and I will have them at the January meeting. They look so professional and attach to your clothing via a magnet, eliminating those little holes.

Lastly,

"Be yourself. An original is always worth more than a copy."
---Unknown

the proceedings. If you have any interest in serving on the local board, please contact one of the current board members for more information. There are at least three hotels in close proximity to the convention center. There are also several hotels with shuttle service to the convention center. I encourage you to mark your calendars and make your travel arrangements early.

Convention pins were distributed to the membership at last season's meetings and will be distributed at the October meeting. Each pin has a serial number on the back. If you wear your pin when you pick up your registration material in Long Beach, you have the opportunity to win prizes at the convention, such as \$50 in cash as a special registration discount, one additional grand prize drawing ticket (for the 2009 Saturn Sky) or a coupon for a random drawing to win other prizes.

I have received my Plumbing Engineering & Design Handbook of Tables. It is a 2,400 page reference book of equations, sizing tables and other engineering & design tables used by plumbing engineers, designers and contractors on a daily basis. The book includes applicable tables and information from the major plumbing codes and standards used throughout the country. I will have my copy at the October meeting. You are more than welcome to stop by and take a look. For more information, go to <https://aspe.org/xcart/product.php?productid=433&cat=0&page=1>.

As always, if you change your e-mail address or know it is out of date; please send an update to Jerri Brewer at jerri.brewer@hei-eng.com or any of the board members. E-mail is the primary delivery method for Chapter newsletters. Without correct e-mail, the chapter cannot communicate to the membership with the newsletter information needed to participate.

VP MEMBERSHIP - Robert Franklin



PRODUCT DIRECTORY CHAIR - Jim Brune

All ASPE members are encouraged to use our Manufacturer's Representatives advertising page on this link: www.kc-aspe.com/productsreps.htm I believe you will find this to be an excellent resource for locating plumbing related products, information and services.

To ensure the listings are as current as possible, personal communications with each Affiliate firm requesting updated or edited information along with invoices for the 2008-2009 season are planned to be completed by September 30, 2008

For Affiliate Members of the Kansas City Chapter ASPE, three options for including their information are available:

MANUFACTURER'S/REPRESENTATIVES WEBPAGE

Option #1	Option #2	Option #3
Company name Address Phone number Email address	Company name Address Phone number Email address Link to your website <i>Or</i> Pop-up linecard	Company name/Address/Phone Email address/Link to your website Pop-up linecard List of manufacturers represented and their corresponding equipment (list generated by you)
Free for members	\$50 for members	\$75 for members

FRONT PAGE SPONSORSHIP

Monthly Meeting Sponsor
front page listing and link/linecard (if provided)
Free for Meeting Sponsor

Technical inquiries can be directed to webmaster@kc-aspe.com or Bret at 913-281-6767. You can also contact me at bruneja@bv.com or 913-458-8078.

VICE PRESIDENT, LEGISLATIVE - Anindya Nandy, PE

Greetings members and friends of the Kansas City Chapter. We all know by now the entire country is experiencing financial trouble. We know about the difficulties that Fannie Mae/Freddie Mac, Lehman Brothers and AIG are going through. Where does that leave our field? We will be facing greater difficulties getting projects, since projects need to be funded by financial institutions and currently a large amount of the money held by these institutions is frozen. Developers are having difficulty getting loans for their projects therefore, this affects the architect/MEP community. These are things that are not in our hands to control. However, there are things we can do during this crisis. We need to try and stay positive. Look at yourself and compare where you stand regarding your education and experience. You need to try and understand where the industry is going in the near future. This is the perfect time to equip you in the years ahead with the tools that you'll need. Get your P.E. license, CDP, or LEED accreditation. Young engineers should clear F.E. and get going to gather experience so eventually you can obtain your P.E. Maybe look into improving your communication skills, which is a struggle for most engineers. Get back in the habit of



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attending seminars; get yourself acquainted with professional associations like ASPE, ASHRAE, AEE etc. Get back to the networking you used to do before and try to make those contacts grow. We can collectively learn where the industry is taking us. But be sure that once we come around this financial crisis (which we eventually will), your hard work, and new ideas/talents will take you ahead of the others who did not think and plan for the future.

VP TECHNICAL - Chris Sturges

As we have done for the past several years, we kicked off our 2008 – 2009 program year with a joint meeting with ASHRAE. The boards of each society thought it was a great success, with two presenters giving a combined presentation on venting and on high efficiency water heaters. Both Peter Hansen of Exhausto and Fred Heinecke of W.T. Leonard & Associates are experts in their fields and packed a lot of great information in a short amount time. I got the opportunity to talk to both of them after the program, and they both stated how much they enjoyed being part of our program. I did not get the official count of how many attended the meeting, but I understand that of the 140 attendees at least 40 ASPE members had pre-registered.

The upcoming October 13th dinner program will be very similar to our joint meeting with ASHRAE, in that we are going to have two presenters. This time though they will be from the same company. Tim Powel, President of Hughes Machinery and Jason Funk, Sales, Mechanical Engineer, will bring some clarity to the subject of Hot Water Boiler System Design. You may know Tim as the person who sits in the back of the room at our meetings and asks the thoughtful question that makes the presenter draw in a deep breath and ask himself “where did that question come from” or “that is a nice transition into an area that was glossed over”. What you may not know about Tim, is he graduated from the University of Kansas with a degree in Architectural Engineering, has only been with Hughes Machinery for twenty years, and has two grown children and one tiny dog. Our co-presenter Jason Funk, is quieter than Tim. He has only been with Hughes Machinery for 1.5 years, but has 10 years experience in manufacturing, 8 years of which were with General Motors here in Kansas City. He leaves his wife and three daughters every workday morning and commutes from rural Leavenworth County to help solve the problems we get ourselves into or to help prevent us from getting into new ones.

In the one-hour format, they are going to provide an overview of the following:

- 1.) Common types of hot water boilers and types to avoid.
- 2.) Benefits and shortfalls of each boiler design.
- 3.) Causes and cures for boiler short cycling.
- 4.) Pumps, valves and piping considerations.
- 5.) Hybrid systems.
- 6.) Boiler control systems.

Of course, one hour is not enough to provide an exhaustive look at the subject and like most of our programs, one hour just barely scratches the surface. If you have a burning desire to learn more about boilers, hot water and steam, you can take any one of a number of the PDH accredited courses they present at their company's headquarters here in Kansas City. Just visit their web site at www.hughesmachinery.com for further information.

Our October program will meet at our new venue, the Wyndham Gardens Hotel off of I-435 and Metcalf. We had the affiliate's appreciation dinner there and found the meal and dessert fabulous. The space is small enough to feel intimate, but spacious enough for us to grow. This room to grow was an important factor in the chapter making this change. We are always trying to improve our relevance to the industry and offer something of value regarding things you cannot get anywhere else. We found we are a very stable chapter that has a very high retention rate once we get the engineer through the door to discover what they have been missing. The knowledge you gain from attending the meetings is important. However, one of the key factors that is often overlooked is the friendships you create and the networking that helps knit you into the society. Please read Anindya Nandy's article in this newsletter. He eloquently stated the often overlooked benefits of being a member of our society. Anyway, regarding getting more full and associate members (engineer, designer, cad tech, contractor and code official) through the door, we are changing our cost structure. In the past the sponsor or presenter of the meeting has sponsored the bar for the technical



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session. Starting this year instead of sponsoring the bar, the presenters and sponsors have graciously agreed to pay for the meals of full and associate members. We will still have a bar prior to our dinner meeting, but it will be a cash bar. I have personally talked with all of our sponsors and presenters who have committed to bring a program to us this year. They know we are not trying to take advantage of their good nature, and want to make this a win/win situation for all of us. The responsibility of the full and associate members will be that they must make their reservation by noon the Thursday before the meeting and they must sign in at the meeting 30 to 45 minutes prior to the start of the meeting. This will give the presenter greater face time with the engineers and designers, so the evening will not be a one sided conversation with the presenter doing all of the talking and not receiving any feedback. The down side, if there can be one, is if the full or associate member does not make their reservation prior to the Thursday deadline or if they do not sign in before 5:30 for a dinner meeting or 11:30 for a luncheon meeting, they will pay the \$20 fee for their meal. (A long sign in line will not be an acceptable excuse.) The board's role on this, will be to have a pre-printed sign-in sheet with the names of those who made a reservation and line drawn through the sign-in portion for those who arrived late. We will use this form to validate who was there and when they arrive for reimbursement of the full and associate meals. This form will also serve the dual function of the CEU sign-in and sign-out sheet. As in the past, if the affiliate, full or associate member makes a reservation and does not show up then we will forward an invoice to them for the cost of the meal.

We, the board are very excited about the new program year and are looking forward to great things to come. We are not treading new ground with this change, as we are following the lead of our sister chapter Dallas/Fort Worth. They have made the cost shift mentioned above, changed to 100% luncheon meetings, and have seen a 30% increase in attendance and 19.10% increase in membership. This was the greatest increase of all the chapters in Region 5. Come, greet your friends and meet some new faces that will be at our next meeting. I look forward to seeing both old friends and those who will become friends with all of you at our next meeting.

EDUCATION DIRECTOR – John Bard

School has begun for the Blue Valley School District. This year the school is introducing a new program called "Pathway To Engineering." This program is for high school students who want to get involved in engineering. When the door opened, there were 357 students ready to take the course, seeking hands on knowledge and a technology based career. Though structured, the program offers flexibility and is tailored to the student's schedule and credit requirements. Some of the courses are Principles of Engineering, Introduction to Engineering Design, Digital Electronics, Computer Integrated Manufacturing (CIM), Civil Engineering and Architectural (CEA), Biotechnical Engineering (BE) and Aerospace Engineering. As the students begin their courses in a project that will teach them the basics of engineering, there is a need for a mentor. This is where our chapter is involved. The mentor program begins in January, 2009. Let me know if you or anyone else is interested in being a mentor. The mentoring is handled through the Youth Friend Program. The mentor will be assigned a student to work with them. The mentoring will be done on the phone and/or a visit for about an hour once a week, or perhaps once a month. This is an opportunity to impart your experience & knowledge to a student and to further their knowledge in engineering, as well as a great opportunity for our chapter. If you are interested in serving as a mentor please contact me at 913-681-3999, e-mail john.bard@sbcglobal.net. Or contact Donna Deeds 913-239-4231.

"Most stress is caused by people who overestimate the importance of their problems." Michael LeBoeuf



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Chris Sturges gets a visit from his chiropractor:

