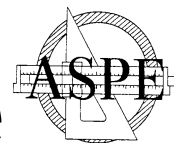


ASPE Pipeline



Journal of the Kansas City Chapter of American Society of Plumbing Engineers

Chapters are not authorized to speak for the Society.

Date & Topic

The UPC and IPC Plumbing Codes – An Engineering Comparison December 8th, 2003

Speaker: Allen Inlow and Ken Christensen

Brought to you by: Johnson & White Sales

Board Meeting: N/A

Tech Session: N/A

Lunch: 11:30

Program: 12:00

New Location:



Holiday Inn

7240 Shawnee Mission Parkway.

Overland Park, KS

Price: \$16.00

VISIT US ON THE WEB!! www.kc-aspe.com

NOTE: Please RSVP to: Royce Corsaut at: 913-458-3492 (corsautrw@bv.com) **BEFORE** Noon – December 5th

President's Message – Warren Rosenbrook

Seasons Greetings KC ASPE Chapter & Friends!

Best wishes to you and yours for Thanksgiving! For those of you who must travel, have a safe trip. Thanksgiving is upon us, marking the start of the holiday season. Because of the December meetings close proximity to the Christmas Holiday, we are having our meeting as a luncheon. Please mark your calendars for the time change.

We had 32 people come to last months meeting. Attendance has been high this season. Your Vice President Technical presented Chapter Awards of Merit he received from the Region V Chair Brian Salisbury at the Technical Symposium in San Antonio. Our Past President, John Bailey, received the President's Award of Merit for his work for the 2002-2003 season. Our VPM Sean Graham received Awards of Merit for Increase of Membership and Retention of Membership. There were only five chapters that received all three of these awards. As President, I feel these awards show what a good solid Chapter we have here in Kansas City, so get involved! There is plenty of room for anyone who wants to serve their Chapter. Contact any of the Board of Directors for more information. Invite and bring your colleges and friends to the meetings!

Remember, E-mail is the primary delivery method for the Chapter newsletter and the Chapter Newsletter is how we communicate with you the members. Delivery of the Newsletter by e-mail saves your chapter great expense. So, please provide your chapter an update your e-mail address. Without your correct e-mail, the chapter cannot communicate with you.

Meal reservations are sent to you via e-mail by calling committee chair, Royce Corsaut. Please respond to this e-mail whether you intend to come or not. If you have a cancellation, please let Royce know. Your chapter is counting on you.

Your Vice President Technical, Jim Brune, has prepared another good program for your professional development and enjoyment for December. Refer to the VPT article for more about our program and speakers.

Your Chapter will have a Product Show in February 25, 2004. The Product Show will be at the Overland Park West Holiday Inn at 87th and Reeder. We have decided to make the Product Show a luncheon format. We are aware of everyone's personal needs and family obligations after business hours and will try the luncheon format as an experiment to see if it boosts attendance. A Bar B Que lunch will be provided along with seminars so you may maintain your professional licenses. Booths are on sale now, go to our website for more information or contact our Product Show Chair, Mike Palmer of HEBCO (913) 491-0797 #106. Go to our website for more information.

Your Chapter Webmaster, Bret Boule' has been adding a new features to our website. We now have five manufacturer's line cards on our website! See below for more information. We will offer front-page sponsorship on a first come first served basis and will provide information on the monthly program sponsor for free! We are also working on a directory for local manufacturers product representatives and their product lines. This directory will be similar to what existed in our old Kansas City Chapter Membership Roster "little white" book. However, the information will be on-line and available to everyone!

Manufacturer's/Representatives Webpage

Kansas City Chapter ASPE would like to introduce our Manufacturer's/Representatives advertising page located on our website at <http://www.kc-aspe.com/productsreps.htm>. Three options are available:

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 line card	Company name Address Phone number Email address Link to your website Pop-up line card List of manufacturers represented and their corresponding equipment (list generated by you)
Free for ASPE members	\$50* for ASPE members	\$75* for ASPE members

Your information (as purchased) will be on our website for the entire year, with September 1st being the transition date.

*If you choose Option #2 or #3 after September 1st, you will be charged a prorated fee (rounded to the current quarter of the year).

Front Page Sponsorship

Monthly Meeting Sponsor	This Month's Featured Sponsor
Front page listing and link/line card (if provided)	Front page listing and link/line card (if provided)
Free for Meeting Sponsor	\$50/month for ASPE members These are first come, first serve, for September through May.

More information is available at <http://www.kc-aspe.com/advertise.htm>.

Technical inquiries can be directed to webmaster@kc-aspe.com or Bret at 816-410-8200.

VP Technical Message – Jim Brune

November's program, "Toxic Mold - Impact for Plumbing System Engineers and Contractors" by Mark Arnold representing Mission Rubber, illustrated the important role heavy-duty couplings provide to minimize the occurrence of mold.

The technical session presented by Johnson & White Sales Company featured many types of heavy-duty couplings and related plumbing products.

A sincere "Thank You" to Johnson & White Sales Company for sponsoring the bar at the November Meeting.

The plant tour of the Sioux Chief Manufacturing Company on November 5, 2003 was a huge success.

I am really excited about December's meeting program and hope you have an opportunity to attend. First of all the meeting in December will be a noon luncheon from 11:30 AM to 1:30 PM. Last year, these noon meeting attracted a larger and more diverse audience than the evening meetings. Also the subject of December's program is **"The UPC and IPC Plumbing Codes – An Engineering Comparison "** by Allen Inlow and Ken Christensen of the International Association of Plumbing and Mechanical Officials (IAPMO).

Allen Inlow is the Chief of Field Service Operations for the International Association of Plumbing and Mechanical Officials (IAPMO). Inlow has been involved in the construction industry very nearly his entire life. Early in his career he served as an inspector and building official in the construction trades in Kansas. Prior to joining IAPMO, he functioned as the Chief Executive Officer of the National Association of Plumbing Heating Cooling Contractors (PHCC) and a publisher of the National Standard Plumbing Code. He was the Executive Director of the Kansas PHCC Association for ten years and Southern Kansas Chapter of the National Electrical Contractors Association before that.

Ken Christensen has represented the International Association of Plumbing and Mechanical Officials (IAPMO) in the Midwest, since mid July of 1994. After college he served as Building Official in two cities in Colorado, four plus years in each city. Christensen then served as Executive Secretary for the Colorado Association of Plumbing Heating Cooling Contractors and was their codes and legislative officer for more than three years. He served the International Conference of Building Officials, in their Midwest Office, here in Kansas City, for over twenty years, and the last seventeen as Manager.

Allen and Ken will briefly address the politics of code adoption, nationally and in St. Joseph. They will then provide a comparative analysis of the differences in philosophy, process and procedure between the Uniform Plumbing Code (UPC) and the International Plumbing Code (IPC) followed by the presentation of an engineering comparison between the two codes. As a reference, a copy of the UPC will be provided all attendees.

Report on the ASPE 2003 Technical Symposium University October 31, 2003 to November 2, 2003

By: Jim Brune, VP Technical, KC Chapter

Generally, the ASPE 2003 Technical Symposium University was a very successful and enjoyable event. The weather was 80's and clear. The hotel staff was friendly and helpful. The ASPE participants were enthusiastic and an air of optimism was present throughout the weekend. I was happy to have networked with other ASPE members, joined the ASPE Technical and Research Committee, learned more about the ASPE society, accepted awards for the Kansas City Chapter, and obtained 1.75CEU's or 17.5 REU's which can be applied toward requirements to renew both the CPD and PE.

Overall the Board and APSE members at the symposium seemed high energy, positive, and optimistic about the future of the society.

All of the presentations I attended were very well prepared and delivered. Power point presentations and handouts were included in every session I attended, and I was also fortunate to obtain one copy of the handouts from several of the other sessions. I am happy to share this information with any of our chapter's membership upon request.

Over 400 people were reported to have attended San Antonio Chapter's product show Thursday evening. The session provided a good opportunity to meet folks attending the symposium and it seemed to be quite successful for the attendees, the vendors, and the San Antonio Chapter.

Although I have no numbers for attendance at the Symposium Friday, Saturday, and Sunday, the Texas chapters seemed well represented. Also for a lot of the chapters more distantly located across the United States, I estimate at least one to three members from each chapter were represented. Indeed representatives from all the regions were readily apparent. Overall my impression is that attendance was good, but tended toward the lighter side rather than toward the heavy side.

Friday morning there was a Leadership Caucus from 7:00 AM to 8:45 AM.

There were several very positive announcements:

- An ASPE Power Point Presentation on Fuel Gas has been developed. A CD is being sent to each chapter for their use.
- A new college program at the University of Wisconsin – Madison with the support of APSE was announced. Fluid Systems Engineering, an undergraduate option where students can earn an accredited BS in Civil Engineering, includes ASPE sponsored co-op opportunities with consulting engineering firms, contractors, engineering departments of manufacturing companies, and other related engineering organizations.
- Data Book 4 has been distributed to the membership.
- Three new technical manuals have been published: Engineered Plumbing Design, Pharmaceutical Plumbing Design, and Site Utilities.

- A Technical Director has been obtained by ASPE. The name of the Technical Director was not revealed at the symposium, but the person will be introduced in the Nov/Dec issue of Plumbing Systems & Design and will begin service on January 5, 2004.
- It was announced that ASPE and PCA have agreed to jointly use the magazine "Plumbing Systems & Design" as their society's magazine. Also ASPE and PCA have agreed to jointly sponsor the Engineered Plumbing Exposition at the 2004 convention in Cleveland. This is anticipated to positively affect the financial health of the society. This will also benefit working relationships in design/build processes so prevalent today.
- Recipients of the Alfred Steel Scholarships will be announced in the Jan/Feb issue of Plumbing Systems and Design.

The financial status for ASPE was reported to be less positive than the board had hoped for. Without giving a detailed report, president Larry Oliver indicated that the ASPE has over 7500 members and an annual budget of over three million dollars. At present, the society has a negative cash status and is taking up the slack by withholding membership rebates to the local chapters until enough resources are available to make those payments. One of the factors influencing the present cash status is the new method of collecting dues corresponding to member's anniversary dates over the course of the year. Although this should provide a continuing source of funds throughout the year, the previous one-time dues payments in June with resultant cash-on-hand at this time of year, no longer exists. Another factor influencing the present cash status is starting the magazine "Plumbing Systems & Design." This decision provides a great opportunity for ASPE to prosper and grow, and the board is convinced that starting the magazine at this time is "the right thing to do." However, such new publications do not usually provide positive cash flow very quickly. In addition, the legal troubles between ASPE and PE magazine continue to use cash resources exceeding \$250,000. Nevertheless, resolution is anticipated in the near future and some potential advertisers appear to be awaiting this resolution. Even so, Plumbing Systems and Design is anticipated to achieve the break-even point with the Jan/Feb issue. Also for the positive, the future appears bright with the addition of PCA to the magazine and product show.

Numerous awards were presented at the awards session Saturday morning from 7:00AM to 8:45AM. The San Antonio Chapter and the Symposium organizers were awarded certificates of appreciation.

Many Chapters were given awards for Merit, Membership Retention, or Membership Growth. The Kansas City Chapter was recognized as one of only five chapters including Columbus in Region 3, Orange County and San Diego in region 4, and Chicago and Kansas City in region 5, to win all three awards for 2002/2003 for Merit, Membership Retention and Membership Growth. It feels good to be associated with the Kansas City Chapter, as everyone in the chapter shares some part in making these awards possible.

- The First Award reads: **2002/2003 Chapter Award of Merit, John Bailey, President;**
- The Second Award reads: **2002/2003 Membership Re-enrollment Award, Sean Graham, VP Membership;** and
- The Third Award reads: **2002/2003 Membership Growth Award, Sean Graham, VP Membership.**

Some chapters were given certificates of appreciation for donating money to the research foundation:

Five chapters donated \$100 to \$499; Cleveland and SW Ohio donated \$500 to \$1000; and Chicago and Central Florida donated over \$1000

Special awards were given to:

- John Cali for Region 5 service
- Philadelphia for the 2001/2002 newsletter
- Boston for donating \$2000 to the ASPE magazine
- Julius Ballanco for work on ASPE Standards
- Norm Parks for the first ASPE Power Point Presentation on Fuel Gas

Sunday Morning from 7:00AM to 8:45AM, Lynn Kahn conducted an ASPE long range planning session. This exercise causes those present to reflect on the value ASPE provides to the members and how the members contribute to the success of the society. This exercise has been used by other ASPE local chapters and is available to the Kansas City Chapter from the society. The results of such sessions are used when developing the society's long range planning.

Sunday afternoon, I participated in the Technical and Research Committee working meeting. The main focus of the meeting is getting feature technical articles of 2500 words or more for the magazine. There is currently an urgent need for quality articles. Tim Smith has officially accepted the position of Technical Liaison to the Board.

VP Legislative – Mike Haramia

As you may know, the State of Missouri Boiler & Pressure Vessel Safety Inspection Unit (<http://www.mdfs.state.mo.us/dfsboil.htm>) had a meeting on November 6th in Jefferson City. I spoke with Mr. Jim Pratt, who is the manager for the Boiler & Pressure Vessel Unit, Division of Fire Safety. He stated that the minutes from that meeting should be available sometime after the Thanksgiving holiday. He hopes to have them posted on the division's web site at that time. I will follow up with him in the event that they do not get posted. Also, during our brief conversation, Mr. Pratt said there was some discussion at that meeting regarding single hot water storage tanks that are supplied from multiple 199,000 BTUH or smaller boilers. Whether the storage tank must be ASME rated when the total BTUH exceeds the 200,000 BTUH. Hopefully the minutes will clear up exactly what was discussed during the meeting.

The city of Kansas City, Ks had their first building codes committee meeting back on October 15. Greg Talkin Director of the Neighborhood Resource Center (<http://www.wycokck.org/nrc/nrc.html>) said that the next meeting is scheduled for sometime in December. He said hopefully after the first of next year he would have some idea on the possible changes to codes for the Unified Government of Wyandotte County. I will follow up with Mr. Talkin at that time.

There were three major items that came out of the recent hearings by the International Codes Council on the proposed changes to the International Plumbing Code for 2003/2004. The first item being the recognition of waterless urinals, their fixture units (.5 DFU's) and the lack of need for a water supply. The second item that was recommended for approval was the single stack vent or "Philadelphia" single stack vent as it is sometimes called. The third recommendation was to allow the use stack-type air admittance valves.

On the national level, IAPMO had their annual conference in Portland, Oregon. There were no code changes as result of the conference. There was however, some discussion regarding language about the "authority having jurisdiction" and whether it should be eliminated from portions of the Uniform Plumbing Code. Apparently this was not very well received by the memberships.

VP Membership Report – Sean Graham

The Membership Committee is looking for any and all ways to increase ASPE's membership. We would like to hear your ideas. Some of the ideas that have been given are social functions, tours of manufacturing facilities, and tours of the "behind the scenes" locations, for example, casinos, hospitals and assembly plants. Your ideas do help! Our current membership campaign came from your input. Your comments have also set into motion our product show in February 2004! If any of these ideas interest you or you have other suggestions please email them to sgraham@mackmcclain.com .

We are currently trying to reconnect with members. We have not been able to reach some members of our chapter. If you know any of the following people and their status please contact the Membership Committee. We would like to contact Dennis Cotter, Dan Fitzpatrick, Ralph Hartzler, Jerry Moss-Retired and Danny Stewart-Formerly of Nibco. If you are reading this and see your name please contact us so that we can correct your phone number, address and company information. Contact us at 913-339-6677 or email your info to sgraham@mackmcclain.com .

Our current membership campaign offers huge benefits to you and our chapter. As members of the Kansas City ASPE chapter you are invited to participate in the 40th anniversary membership campaign. The following membership campaign gives members, potential members and our chapter a chance to win big prizes, the grand prize being a new truck!

ASPE Member Benefits

- a.) ASPE members who recruit a new member (defined as a person who has never been a member of ASPE or has not been a member for over six months) will receive a \$10.00 ASPE gift Certificate. One \$10.00 gift certificate per member recruited.
- b.) For every four members you recruit you will receive a bonus \$40.00 ASPE gift certificate and a 40% discount registration coupon for the 2004 ASPE Convention
- c.) You will also be listed in the Plumbing Systems & Design magazine for recruiting new members.

New Recruited ASPE Members Benefits

- a.) Each new ASPE member who is recruited and sponsored by a current ASPE member will receive a \$40.00 ASPE gift certificate and a 40% discount registration to the 2004 ASPE Convention.
- b.) You will also be listed as a new ASPE member in the Plumbing System & Design magazine.

ASPE Chapter

- a.) The chapter who recruits the most new members will receive a gift certificate for one free registration to the 2004 ASPE Convention or 2005 Technical Symposium.
- b.) The winning chapter will be showcased in the Plumbing Systems & Design magazine.

All ASPE gift certificates may be used to fully or partially pay for any ASPE products, Books, ASPE ware, ASPE wear, 2004 ASPE Convention and 2005 Technical Symposium registration. Only those members awarded a gift certificate are eligible to use that specific gift certificate. (You cannot share them.)

Oh! How Do You Win The Truck? Every ASPE member who recruits a new member will receive 40 extra grand prize-drawing tickets for each new member recruited. Each new ASPE member who is recruited and sponsored by a current ASPE member will also receive 40 extra grand prize-drawing tickets. These tickets are only available at the 2004 Convention (during registration) and will only be issued to the ASPE member that is the recruiter or the new member. The winner must be present at the time of the drawing, which will take place at the 2004 Convention. The winner must also take

possession of the truck at the time of the drawing. Grand prize tickets are only valid for the individual that has received them and may not be assigned or transferred. You Must Be Present To Win!

A listing of the complete rules for this campaign is available; please contact Sean Graham at 913-339-6677 for a copy. Your local Kansas City ASPE chapter is not responsible for any misinterpretation of this campaign or its rules.

Now that you have some extra incentive to recruit new members you will need some membership applications! These are available by contacting Sean Graham at 913-339-6677. Membership applications can be delivered to you or mailed to you. They are also available at each ASPE meeting.

Education Chair Report – John Bard

The Education Committee with Warren Rosenbrook, Tony Hitchcock, and John Bard spent the evening on November 13 at Johnson County Community College. We attended the annual Careers Day. Approximately 1500 high school students and their parents from the county were in attendance. A lot of questions, answers, and interested students made for an enjoyable evening getting the word out about plumbing engineering as a career. We also had an opportunity to promote the plumbing classes, which will begin in January.

Warren Rosenbrook made a power point presentation on what is a plumbing engineer? His presentation was the last event of the evening, so his audience was small. We are thankful to the Johnson County Community College for allowing us to take part in their annual career's day. We hope to be back next year. The event was a success.

The education committee is looking for other opportunities to make plumbing presentations. If you know of a school or technical center, please let me know. Please contact John Bard @ FES 816-997-2947.

Product Show Chair Message – Mike Palmer

ANNUAL ASPE PRODUCT SHOW REGISTRATION INFORMATION

As many of you have now heard, the Holiday Inn located at 87th Street & Reeder, in Lenexa, will be the site of this year's ASPE Product Show. The show will be a luncheon format scheduled from 11:00 AM to 3:00 PM February 25, 2004 with two, back-to-back seminars held during the luncheon.

Since the location and time have been set, it is now time to attract vendors to show their products. For those who are interested in showing product and product information at the show please fill out the registration form and send in your payment. Due to an expected high number of participants in this years show, booths will be assigned on a "first come, first serve basis." Please provide your first and second choice booth numbers included in the registration form. The Kansas City Chapter of ASPE reserves the right for final booth location selection. The checks must be made out to "Kansas City Chapter of ASPE." Please send those checks along with your filled out registration form to Mike Palmer c/o Hebco, Inc. (See Form for Address)

Booth pricing is a little different this year. The booths will be on sale for \$175 until December 31, 2003, after which the price will rise to \$200 per booth. Refer to the Venue layout located on our website for the booth numbers. Please note number of booths and the booth numbers for your preferred locations on your registration form.

Any questions, please contact **Mike Palmer at Hebco, Inc. (913) 491-0797**

Please help ASPE Locate “missing” members. The following names we have not been able to contact: Joyce Martin, Richard J. Gumerman P.E., Clayton S. Nelson P.E., Brian Rose P.E., Gary Sundell CPD, Thomas N. Spears, Frederick P. Thorpe Jr., Michael J. Enright, David G. Casanover, Gerald J. Downey Jr., CIPE, Cori D. Pinkham, Jeff S. Vilott. This may be due to invalid e-mail addresses, job changes, or a move out of the area. Please forward to us any information that you may have to Sean Graham at Mack McClain and Associates. Sean’s e-mail is <mailto:sgraham@mackmclain.com>. Thank you.

The American Society of Plumbing Engineers (ASPE) is the national society of engineers and designers engaged in the design, specification and inspection of plumbing systems. ASPE is committed to the promotion of the interests of plumbing engineers through the development & expansion of their professional and technical expertise, to the betterment of the plumbing engineering profession as a whole to serve as a forum for interchange with related professions and for the resolution of problems affecting the profession and practice of plumbing engineering. American Society of Plumbing Engineers – Kansas City Chapter, PO Box 3553; Olathe, KS 66063

Chapter Officer Roster

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VP Technical: Jim Brune PE, CPD; 816-228-9185
VP Legislative: Mike Haramia, CPD; 816-360-4606
VP Membership: Sean Graham; 913-339-6677
Treasurer: Chris Sturges, CPD; 913-307-5426
Administrative Secretary: Andy Nandy, PE; 913-383-5811
Long Range Planning: John Bard, CET; 816-997-2947

Corresponding Secretary: Clay Coones; 913-390-9808
Affiliate Liaisons: Jerry Matthews; 816-436-3113
Newsletter Editor: Clay Coones; 913-390-9808
Education Chairman: John Bard, CET; 816-880-9800
Fund Raising: Paul Newhouse; 913-631-6187
Product Show Chairman: Scott Stafford; 913-491-0797
Region 5 Chairman: Brian Salisbury; 612-512-8636