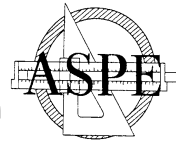


ASPE Pipeline



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

Chapters are not authorized to speak for the Society.

Date & Topic

May 9th, 2005

“Thermoplastics Used in Laboratory, and Corrosive Waste Systems”

Speaker: Vince Arter
Brought to you by: SFE Enterprises
Board Meeting: 4:30
Tech Session: 5:30
Dinner: 6:00
Program: 7:00

Location:
Holiday Inn
Shawnee Mission Parkway
Overland Park, KS
Price: \$18.00

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

NOTE: Please RSVP to: Janice Urban at: 913-307-5319 (Janice.Urban@hendersonengineers.com)
BEFORE Noon – May 5th

President’s Message – Warren Rosenbrook

Greetings KC ASPE Chapter & Friends!

The Kansas City Chapter will have our last regular program meeting in May as a dinner format, so please mark your calendars. Our Chapter celebrated the presentation of Life Member status to Tony Hitchcock. Tony received our thanks and a certificate of Life Member status from Society. We had a good turnout of 33 people!

The election for Kansas City Chapter Officers was held at our May meeting. Elections for the Board of Directors are done each year. Our new Board for the 2005 – 2006 season is:

Jim Brune	President
Mike Haramia	Vice President Technical
Chris Sturges	Vice President Legislative
Anindya Nandy	Treasurer
Time Helmer	Vice President Membership
Joe Tobin	Administrative Secretary
Joe McClain	Corresponding Secretary

I did not seek re-election as your president. However, I intend to serve the very important position of "past president" and set up a Board of Governors as described in the Policy & Operations Manual. It has been an honor to serve you the Kansas City Chapter. My presidency was an "easy ride" because of the support of the membership, the Board and especially the Affiliates. I also wish to thank Past President John Bailey for his guidance. I feel the Chapter is healthy, doing very well and is pointed in the right direction.

Our Vice President Technical, Jim Brune, has set up another interesting and informative program on CPVC acid waste piping by Spears Manufacturing. Refer to his article below for more information about the program and our speakers.

Our Vice President Membership, Tim Helmer, worked hard to make the Kansas City Chapter "New Member Drive Night" a success. Our membership drive officially ends in May with the first place award to the Chapter Member who signed the most new recruits. However, anytime is a good time to invite someone to our meetings and ask them to join us. So, invite those non-member engineers or designers in your office to a Kansas City Chapter ASPE meeting. First time, non-member engineer or designer attendees will eat for free! ASPE is offering special incentives for new recruits, see Tim Helmer's article below for more information. There has never been a better time to join ASPE!

Our Golf Tournament Chair, John Bailey, has set the annual Kansas City Chapter Tournament for June 6, 2005 at Iron Horse Golf Club. If you are interested in participating, refer to his article below and future newsletters for more information. Also, if you are an Affiliate who enjoys golf, the Chair is looking for Golf Outing Committee members. Contact John Bailey and show your support!

Our Affiliate Liaison has set up a monthly door prize and an Engineer Calling Tree to get the Engineers to come to the meetings. See his article below for more information.

Remember, the biggest problem chapters are facing is maintaining correct e-mails for their members. E-mail is now the primary delivery method for Chapter newsletters. Your Chapter Board contacted each chapter member to verify your e-mail this summer. Without correct e-mail, the chapter cannot communicate to the membership with the newsletter or mail the newsletter at great expense. So, if you change your e-mail address or know it is out of date, please provide your chapter an update.

Meal reservations are sent to you via e-mail by calling committee chair, Janice Urban. Please respond to this e-mail only if you intend to come. If you have a cancellation, please let Janice know. Also, please respond in a timely manner, we must have our reservations in by Thursday. Your chapter is counting on you.

There is now a Product Directory under the Products & Reps section of our website. Only the Affiliates who have put their line cards on our website are included in the directory. There are currently now 8 affiliates who have responded. This update will take place of the Kansas City Chapter "Little White Book". The cost of maintaining a paper Product Directory is prohibitive. Keeping the Directory online will allow the Chapter to easily keep it up to date and offer more features. The directory consists of two files, the Product Manufacturers Directory and Product Type Directory. The Product Manufacturers Directory is an alphabetized list of plumbing manufacturers, with the associated local representative name and contacts included. The Product Type Directory is an alphabetized list of plumbing products, with the associated representative name and contacts included. Currently, only the Affiliates who have put their line cards on our website are included in the directory. Renewals have been sent to the Affiliates that had their line cards on our website last year, are the Product Data in the files correct? Probably not for it is at least a year old now. We will be contacting you for an update.

For those of you that have purchased Option #2 or #3 listed below, renewal time is coming and we will be in touch with you soon. For those of you interested in advertising on our web page, please read on:

Manufacturer's/Representatives Webpage

Kansas City Chapter ASPE would like to introduce our Manufacturer's/Representatives advertising page located on our website at 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 linecard	Company name Address Phone number Email address Link to your website Pop-up linecard 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.

Front Page Sponsorship

Monthly Meeting Sponsor	This Month's Featured Sponsor
front page listing and link/linecard (if provided)	front page listing and link/linecard (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

Our April meeting about Boiler and Water Heater Safety Regulations and Inspections featured: Donald J. Jenkins, Chief State Boiler Inspector
Kansas Department of Labor, Industrial Safety and Health – Boiler Safety Unit
800 SW Jackson, Suite 1500, Topeka, KS 66612-1200
Phone 785-296-4379 Fax 785-296-1775.
e-mail Don.Jenkins@dol.ks.gov Web site www.dol.ks.gov.

For your reference, some of the points Mr. Jenkins covered are included below under the heading of "Requirements from the Kansas Boiler Safety Act.

The KC ASPE Chapter is very grateful to McCoy Sales for sponsoring the April meeting and to Bob Jochens for all of his hard work getting the arrangements made with the featured speaker and making the meeting such a success.

The topic for the May meeting is

"Thermoplastics Used in Laboratory, and Corrosive Waste Systems."

*The speaker, **Vince Arter**, will provide a brief overview of thermoplastics used in plumbing and process systems, followed by an in depth look at the CPVC Laboratory Corrosive waste system.*

Issues that will be covered include:

- *Understanding the application for special waste systems*
- *Sanitary systems used in laboratory facilities*
- *Laboratory/acid wastes material choices*
- *Chemical resistance of CPVC laboratory systems and testing criteria*
- *Dedicated or continuous, applications, versus systems used in chemical waste or laboratory waste piping systems*
- *Flame and smoke performance of CPVC including significant, often overlooked factors in evaluating flame and smoke ratings*
- *The current joining methods for laboratory/acid waste materials*
- *All applicable specifications and testing protocols used in the development of the CPVC laboratory/corrosive waste system.*

*Mr. Arter is the **Technical Field Service Manger Eastern Zone for Spears Manufacturing Company** and is located in Bolingbrook IL. He has extensive experience in the plumbing industry and is currently an ASPE member in the St. Louis Chapter where he recently made a similar presentation. The sponsor for the May meeting is **SFE Enterprises** represented by **Becky Kellhofer**
Please participate in the technical session beginning at 5:30 PM
You are encouraged to bring a potential new member or business associate with you to the meeting. I look forward to visiting with you.*

Requirements from the Kansas Boiler Safety Act

State Boiler Inspectors perform the first inspections on all boiler and pressure vessels and issue state jurisdiction numbers. Each owner, user, and installer of new boilers shall be responsible for notifying the office of the chief inspector within 72 hours of a boiler installation.

Current codes are ASME 1998 edition with the 1999 addenda and NBIC 1998 edition. Updating is in process to the ASME 2004 edition and NBIC 2004 edition.

Inspections of water heater or hot water supply boilers have dropped in size from 120 gallons to 85 gallons regardless of input or burner capacity.

Water heaters or hot water boilers that are 120 gallons or 200,000BTUH are still required to be ASME code stamped and registered with the National Board of Boiler and Pressure Vessel Inspectors.

All sizes of swimming pool heaters up to 400,000 BTUH require a certificate inspection every three years. Over 400,000 BTUH requires an annual inspection. Pool heaters 400,000 BTUH and over shall be registered with the National Board.

Hot water heaters, or hot water boilers under 400,000 BTUH require an inspection every three years. Those that are 400,000 BTUH and over require an annual inspection.

Apartment buildings requiring inspections have been changed from 6 units to 5 units.

Emergency shutdown switches have been required for more than 20 years. The only change that was made on emergency shut down switches was to require that all boilers and water heaters equipped with a power burner, regardless of size, are now required to have an emergency shutdown switch installed at each exit and they must be clearly marked.

Autoclaves are required to be inspected annually.

Steam kettles and steam chefs require an annual inspection.

As of January 1, 1999, unfired pressure vessel regulations came into effect. Any pressure vessel manufactured after January 1, 1999, over 15 cubic feet, are required to be inspected, or any vessel installed after that date regardless of the manufactured date that is over 15 cubic feet is also required to be inspected. At this time, pressure vessels are required to be inspected once. Any pressure vessel that is relocated by its owner to his or her own property is not subject to inspection.

VP Legislative – Mike Haramia

It has been my pleasure to serve as your Vice President Legislative the past few years. I'm confident Mr. Chris Sturges will do a great job in the position. I look forward to serving you for the next two years as your vice president Technical.

IAPMO's 2005 Plumbing Technical Committee meetings are scheduled to take place May 2nd, 3rd and 4th in Denver, CO. They will be working on the 2006 Uniform Plumbing Code. The voting for the proposed changes is to be this fall, with any hearings and appeals to be done by January of 2006.

VP Membership – Tim Helmer

Please remember that there has never been a better time to join ASPE (see below for special offers). For the months of **May and June** we are going to award a **grand prize** for the person who signs the most new members. Please call me with questions at 913-752-5660.

Here is the offer:

- *Free dinner for each new non-member who attends a meeting!**
- *Free gift if you sign a new member!**
- *Grand Prizewinner for the person that signs the most new members!**

Additional benefits:

- * WAIVER OF THE INITIAL \$25.00 APPLICATION FEE**
- * 10% OFF FIRST YEAR OF MEMBERSHIP**
- * FREE COPY OF VOL. 4 PLUMBING ENGINEERING DESIGN HANDBOOK(DATA BOOK)**

Hope to see you in May and June!

Affiliate Liaison - Lilliard Richardson

Monthly Door Prize: Jerry Matthews, PVI Industries, Inc. donated the door prize for the March meeting. A gift certificate to Outback Steakhouse was won by one of our visitors, Shannon Bennett of Design Energy Group. Way to go Shannon and thanks for attending the March recruitment meeting. Thank you Jerry Matthews and PVI Industries, Inc. for the Door Prize.

Joe McCoy of McCoy Sales Company donated the April Door Prize. A very nice Weather Radio was won by Becky Kellhofer of SFE Enterprises, Inc. Thank you very much for the great gift Joe McCoy and McCoy Sales Company. Enjoy the weather radio Becky Kellhofer.

The Calling Tree Committee: If you are an Engineer and HAVE NOT been receiving a courtesy telephone call as a reminder of the next meeting, please let your Affiliate Liaison (Lilliard Richardson 816 779-6104 x251) know so that steps can be taken to do so in the future. Most of us are very busy and sometimes a short friendly reminder will help insure your attendance during the next meeting. We want all of the members to attend as many meetings as possible during the year. It's our chapter; so let's make the most of it by attending the meetings.

Education Committee – John Bard

On April 19, 2005 President Warren Rosenbrook and I visited the Olathe Northwest High School Aerospace & Engineering Program. This program is devoted to the development of young students entering the engineering field as a career. The program consists of engineering courses along with a CAD system. The unique part of their engineering courses is an internship program. This connects juniors and senior students with business partners that will provide internship experiences to students in the work place.

This partnership between community, business and education links high school students with their career field of interest and provides students with an opportunity to apply their academic knowledge and skills to a real world setting. Our chapter is looking for engineering opportunities for students to get involved with this program. If you know of any engineering companies who has an internship program or would like to develop one. This is a new area for us to get involved with. As the program expands there will be more information on what the chapter thinks about it, and you reaction towards it. Please contact John Bard @ FES 816-997-2947 for further information.

The National Education Committee has produced on a CD ROM "Domestic Hot and Cold Water Pipe Sizing." This program can be sent to you thru the computer system. This program is easy to understand, and can be used for seminars, or other programs. Let me know you thru the computer system. This program is easy to understand, and can be used for seminars, and other programs. Let me know if you would like to have a copy.

The JCCC Plumbing Course System II is completed, and the next class Plumbing Course Systems 1 will begin in August. There will be more data on the course later.

ASPE "2005" Golf Tournament

Well we are a month away, and to-date I have only received information on 8 teams. Come on guys and gals. I need the team names and members of that team by the 6th of May in order to complete all the necessary arrangements for this year's golf outing.

This includes checks for the teams!

We will need time to prepare and acquire the door prizes, cart information, signing table information as well as signboards and notify course as to the number of carts needed.

The entry forms are on the KC Chapter's website, please download, fill out and email immediately. Then send me the checks at the following address:

John Bailey
802 Falcon Street
Raymore, MO. 64083

Email: john.bailey@hendersonengineers.com

Your assistance will make this year's outing one of the most successful in our Chapter's history.

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

President: Warren Rosenbrook, PE, CPD; 913-307-5341
VP Technical: Jim Brune PE, CPD; 816-228-9185
VP Legislative: Mike Haramia, CPD; 913-307-5550
VP Membership: Tim Helmer; 913-752-5660
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; 816-421-5988
Affiliate Liaison: Lilliard Richardson; 816-779-6104
Newsletter Editor: Clay Coones; 816-421-5988
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; 651-634-7236

