From Bill Grayzar, CPD
President of ASPE EMC

Welcome new members:
I would like to welcome all of the new members who have joined the eastern Michigan chapter of ASPE this year. I also encourage each and every one of you, along with all chapter members to continue to share your ideas and voice your opinions and concerns about the technical programs being provided and any future topics that you think would be of interest to the other chapter members. You can voice your opinions, concerns, ideas, etc... with any of the board members, we are here to listen. Your comments will help the board to ensure we continue to provide you the best service possible and provide our members with one of, if not the best, technical programs provided by an ASPE Chapter.

Also, as chapter members please know that you are welcome to attend any of our monthly board meetings. These meetings occur every month on the Tuesday one week prior to each of our technical programs. The meetings are currently being held at DiClemente Siegel Design, Inc.’s Southfield office located at 28105 Greenfield Road. The chapter board meetings begin at 4:30 PM. Even if I don’t see you at a board meeting, I look forward to seeing you at the monthly technical programs.

This Month:
Messrs. Mike Melaragni and Paul Baker have begun the design class series on Cross Connection Control and Backflow Prevention and will be covering Reduced Pressure - Zone Principle Assemblies. The design class starts at 4:30 PM on November 17, 2015. Our technical program for the evening is titled; Fire Protection - Specialty Systems and will begin at 6:00 PM. Our speaker for the evening is Mr. Jeff Hausmann, SET with Engineered System Sales. We will have a catered dinner between the two events. Also, plan to arrive a few minutes early or stay a few minutes later if you want some additional time with the vendors who are sponsoring this meeting to learn about their latest innovations and products.

Upcoming events:
Fall is here and the holidays are fast approaching. With the colder weather and shorter days the chapter has decided to try something new this year. In December in lieu of having our typical evening meeting at the training center will be having a luncheon meeting off site. The meeting will be from 11:00 AM to 2:00 PM on December 15, 2015. The meeting will be held at Limbach’s Fabrication Facility located in Pontiac, Michigan near the old Silverdome.
ASPE IS ACCEPTING APPLICATIONS FOR THE ALFRED STEELE SCHOLARSHIP

The Alfred Steele Scholarship has $3,000 in available monies for qualified applicants. It is limited to ASPE members and their immediate families who have a GPA of 3.0 or higher, who are enrolled in or plan to enroll in an engineering program at a college, university, or technical school on a full-time basis. Contact Stacey Kidd for more information at (847) 296-0002, or email skidd@aspe.org.

PLUMBING TRAINING CENTER ASSE BACKFLOW RE-CERTIFICATION

We’ll be giving an ASSE Backflow Re-Certification class to any member who is eligible. If you’re interested, please call the Training Center and get your name on the sign-up list for the next class training.

NEW ASPE EMC ADDRESS

1911 Ring Drive Troy, Michigan 48083

BALFREY & JOHNSTON, INC. GETS NEW ADDRESS

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MICHAEL MELARAGNI, DESIGN CLASS INSTRUCTOR

NEW CONTACT INFO

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Livonia, MI 48150
Ph (734) 513-9550
e-mail: michaelm@guardianplumbing.com

NOVEMBER TECHNICAL PROGRAM

TOPIC: Fire Protection - Specialty Systems

Speaker: Jeff Hausmann, SET
Engineered Systems Sales
Jeff has been involved the field of fire protection for 33 years - three years in design and tech services for Safety Concepts in Lafayette, Louisiana and thirty years in engineered systems sales and estimating for Fire Equipment Company Inc in Detroit, Michigan. He is originally from a small town in Ohio. Jeff’s primary area of expertise is in special hazard detection and suppression systems. Additionally, Jeff has been extensively involved with specialized types of detection such as air sampling (very early warning) smoke and particle detection, flame detection, spark detection, linear heat detection, gas and liquid leak detection, refrigerant monitoring, etc. Jeff is NICET certified at Level IV (the highest level) for both Special Hazards Fire Suppression Systems and Fire Alarm Systems.

This presentation will discuss the commonly used types of clean agent systems found in the NFPA 2001 standard (examples FM200, Novec 1230, and Inergen), as well as an understanding of the new hybrid fire suppression systems (example Victaulic Vortex). The presentation will endeavor to clarify the similarities and differences between all of these types of systems. It will also discuss the advantages and disadvantages of these systems in comparison to each other and in applications to real world environments.

December Program

TOPIC: Fabrication - The Dissection of Your Design

To be held off site at Limbach’s Shop, Pontiac, MI
Fabrication and Shop Tour - (Luncheon)

Speaker: Mark Lamberson, CPD
Limbach Company, Pontiac, MI

NEW MEMBERS

~ WELCOME ~

EMILY BIRUKOW P.E.
GORAN KANEVCE G.E.
President's Report (cont. from page 1)
Bill Grayzar, CPD

Attendees will have the opportunity to tour Limbach’s facility and see actual fabrication processes being performed and learn how the process works from concept start to finished product.

2016 Engineers Week occurs from February 21 – 27. If you know of any special events happening in the area let the board know so we can inform all of the chapter members.

Look to our V.P. Technical Board Member, Brianne Hall’s November article for information about the upcoming ASSE Banquet in February.

Also, don’t forget World Plumbing Day is March 11th every year… everywhere!

Due to popular demand we will again be hosting a NASPE race to celebrate World Plumbing Day. This will follow our March 15, 2014 technical session on LEED 4.0 Water Efficiency for Existing Buildings to be presented by Mr. Alan Deal, P.E. of Performance Engineering Inc. For those newcomers who may not know, NASPE is a cross between NASCAR and ASPE. It is a timed car race similar to a Cub Scout Pinewood Derby. We will be looking for car designs that represent World Plumbing Day, plumbing products, plumbing tools, etc. If you are interested in participating and need to get a car kit you can contact any of the chapter board members. I will have car kits available at all of the upcoming monthly meetings. Yes, it is a kit and you will have to build a car according to the rules that will be provided in the flyer and in your car kit. The car kits are free to ASPE members. One kit will be provided to each participating member. A flyer will be forth coming about the event.

I look forward to seeing you, our chapter members, and our esteemed guests at the Plumbing Training Center in Troy, MI on November 17, 2015 and at future events.

Lastly, I would like to wish everyone a very Happy Thanksgiving shared with family and friends!

Bill

>>SAVE THE DATE<<

ASSE MICHIGAN
ANNUAL MEETING & BANQUET
FEBRUARY 6, 2016
More info to follow

DESIGN SESSIONS
EACH MONTH

Speaker(s) Mike Melaragni and/or Paul Baker of the Plumbing Industry Training Center

The Eastern Michigan Chapter of ASPE hosts a series of Plumbing Design classes from 4:30 PM to 5:30 PM in addition to our technical program. This year’s series will be on Cross Connection and Backflow and are sure to provide details of interest to many plumbing professionals. It is important to bring your MI Plumbing Code Book if you plan to attend.

DESIGN CLASS INSTRUCTOR
MICHAEL MELARAGNI, CPD
Manager of Construction Services, Guardian Plumbing & Heating, Inc.

DESIGN CLASS INSTRUCTOR
PAUL BAKER
Instructor, Metropolitan Plumbing Industry Training Center

*** TAKE NOTICE***
All Professional Engineers and Certified Plumbing Designers

The above design class held monthly from 4:30 - 5:30 PM, with instructor(s) Mike Melaragni and/or Paul Baker can be counted towards your professionally required REUs, CEHs, and CEUs.

These one-hour design classes will run from September - May.
IN THE KNOW

2015 MI RESIDENTIAL CODE BOOK
The 2015 Michigan Residential Code Book is due out in December…
Code Study & Development Group of SE MI is now taking pre-orders
Item 3100S15MI
Member price $111.00 per copy + shipping
Non-Member $139.00 per copy + shipping
Contact Dann Holmes at: (734) 214-6222 or dholmes@nsf.org

Affiliate Liaison Report
Dann Holmes, ASPE Region 2

October was a very busy month for the plumbing industry. The weather was perfect in St. Louis, MO during the ASPE Technical Symposium. The technical sessions offered valuable information, educational enhancements, and countless opportunities to network with our peers.

Taking advantage of the interaction with fellow ASPE members from around the county, I looked for better ways to increase my effectiveness as your Region 2 Affiliate Liaison. Some of these ideas are being considered; I will let you know in a future article if any of them develop into action items.

The Plastics Pipe Institute (PPI) www.plasticpipe.org held their fall conference in Nashville, TN. To help our engineering community, they recently released a new, FREE, online software tool that aids in designing plastic pressure pipe systems using PEX, PE-RT, and CPVC.

The PPI Plastic Pipe Design Calculator was developed by the PPI association’s Building and Construction Division (BCD). You can download the calculator at www.plasticpipe.org/building-construction/bc-pipe-calculator.html.

While you are visiting the PPI website, be sure to read about this year’s Annual Award Winners. Consider working with your local factory or rep agency on a plastic pipe project you have and consider submitting it for next year’s competition.

PPI also announced they are reaching out to PVC manufacturers, and vice-versa, to help find common ground within the plastic pipe industry. This could mean huge changes in the future, all for the good. Keep an eye and ear on these developments.

Plumbing Manufacturer’s International (PMI) held their fall conference at the Riverwalk in San Antonio, TX during October too.

This is a great networking event with many of the key people within the industry including companies like Kohler, Delta, Symmons, Chase Brass, IAPMO, ICC, Moen; I could go on and on. The important thing is some of the topics and speakers presenting there.

Dr. Marc Edwards from Virginia Tech gave a wonderful, in-depth presentation on Legionella and where our industry needs to be looking going forward. Dr. Paul Struman from Montana State University followed with his presentation on his work involving Biofilm. Dr. Struman had numerous videos imbedded in his presentation showing the reaction and movement biofilm plays within piping systems.

Unfortunately, the City of Flint, MI took a bad rap during the entire conference. Yes, Flint has recently been in the national news media for the detection of lead in their municipal water distribution system. This is not acceptable, PERIOD but as industry professionals, we should have never let it get to that point. We will see how the politicians and the water purveyors resolve their differences going forward.

Finally, if you were not aware, October also brought us the IAPMO and ICC code hearings. Safe to say, we do not have many months out of the year with so many important plumbing industry events.

Regards,
You can reach me at:
Dann Holmes – ASPE Region 2 Affiliate Liaison
NSF International – Business Development Manager
dholmes@nsf.org or (734) 214-6222
The discussion for exterior grease interceptors covered advantages and disadvantages of concrete vs. steel tanks, above ground vs. below ground installations and maintenance requirements. The discussion for Interior grease interceptor reviewed the frequency that the interceptors must be cleaned and the importance of the location of the interceptor within the building for ease of maintenance.

The session closed with a brief discussion on the requirements for oil separators serving hydraulic elevator pits. For additional information regarding the requirements for oil separators serving elevator pits, I recommend referring to the 2nd half of my article written in December 2014 reviewing the presentation provided by Calvin Rogler, Chief of the State of Michigan Elevator Safety Division. The December 2014 newsletter can be found at the following link:


The topic for our Nov. 17th technical session is Fire Protection – Specialty Systems presented by Jeff Hausmann of Engineered System Sales. The session will discuss various clean agent systems listed in NFPA 2001. Similarities and differences between the systems will be reviewed as well as the advantages and disadvantages of the systems. Additional information and registration for the November meeting at the following link:

https://www.eventbrite.com/e/aspe-emc-november-2015-technical-program-registration-19236840909

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ASPE EMC Historian/Consultant
John Nussbaum, IPP, FASSE, FASPE

A Recent Appointment to the World Plumbing Council’s Board of Directors

To all persons who are engaged in plumbing and mechanical engineering who may be unaware, I have some good news to report to you. The September/October UA Journal has an article regarding the appointment of Tom Bigley, Director of Plumbing Services who has been named to the Executive Board of the World Plumbing Council (WPC). A quote by John F Kennedy appears under Tom Bigley’s picture in the article which states “Anyone who can solve the problem of water will be worthy of two Nobel Prizes – One for peace and one for science.” As stated in Tom Bigley’s article, the WPC is looking forward to Tom’s contribution to their efforts and further development of the WPC. Tom is expected to assist in the development and promotion of the image and standards of the plumbing industry worldwide. His contribution in time and effort toward unifying the world plumbing industry, and safeguarding the public health and environment is for the benefit of all. Our gratitude and congratulations go to Tom Bigley and the UA for supporting the WPC.

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The Eastern Michigan Chapter of ASPE celebrates World Plumbing Day each year at their March meeting along with conducting the NASPE races. World Plumbing Day falls on the March 11 every year.

By Supporting the ASPE Eastern Michigan Chapter

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- Many current industrial and commercial installations in eastern Michigan. Please inquire within Kerr Pump for additional details or assistance in a selection.

FOR MORE DETAILS, TECHNICAL DATA, SPECIFICATIONS, Please go to http://www.aurorapump.com/
THANK YOU TO THE INDIVIDUALS AND SPONSORS WHO ATTENDED THE OCTOBER 2015 MEETING OF THE ASPE EASTERN MICHIGAN CHAPTER!

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Larry Gifford
Rufina Golshteyn
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Brianne Hall P.E., CPD
Pamela Hartsell CPD
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Sean McIntosh
Mike Melaragni
Danilo Nerida

Barry Pines CPD
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Cindy Zatto

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Highland Tank – Cindy Zatto

If you are interested in table top sponsorship, please contact William Grayzar at (248) 569-1430 ext.33
Photos From October’s Meeting

Dinner is served

Table Sponsor Cindy Zatto of V.E. Sales with Highland Tank products

Table Sponsor George Johnston II of Balfrey & Johnston with Green Turtle products

Chas Tevis of Highland Tank presents GREASE INTERCEPTOR SIZING, PERFORMANCE AND INSTALLATION

Chas Tevis of Highland Tank presents GREASE INTERCEPTOR SIZING, PERFORMANCE AND INSTALLATION
ASPE TECH. SYMPOSIUM IN October

ASPE EMC President William Grayzar presents certificate of appreciation to presenter Chaz Tevis

ASPE EMC Board Attendees to the ASPE Technical Symposium in October. L to R: President William Grayzar CPD, VP Education Mark Lamerson CPD, VP Tech Brianne Hall CPD, Administrative Secretary Pam Hartsell CPD and Treasurer Hank Koppelo CPD
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Chapter Historian
John Nussbaum, IPP, FASSE, FASPE

14 November 2015

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