



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 48, No. 2
September, 2016



Please join us for our next event:



44th Annual ASPE Chicago Product Show

Thursday, September 22, 2016

Meridian Banquet & Conference Center

1701 Algonquin Road; Rolling Meadows, IL



SCHEDULE

- Seminars 10:00am – 4:15pm
- Product Show 3:30pm – 8:00pm
- Hors d'oeuvres Buffet 4:30pm – 7:00pm

THE FINEST LOCAL SHOW IN THE INDUSTRY

- Seminars, Product Show and Hors d'oeuvres Buffet are all FREE
- More than 500 Products on display
- **2016 Innovative Product of the Year competition**
- Door Prizes (from our Exhibitors)
- Seminar Attendee Prizes
- ASPE Chicago Raffle (BIG prizes) [tickets \$1 each or 6 for \$5]
- Cash bar

EDUCATION

- CPDs, PEs, AIAs
- 4 hours of IL State approved CEU's (Inspectors, Plumbers)
- Exclusive seminar attendee raffle
- All seminars are FREE
- You MUST register at the Show to receive CEUs
- For seminar information, contact:
 - Jason McDonald, 847.316.9258, jmcdonald@grummanbutkus.com
 - Mark Nasuta, 630.514.6067, marknasuta.ASPEChicago@gmail.com
 - Rick Butler, 224.238.8515, rbutler@lochinvar.com

See attached product show flyer further in this newsletter for more information—we hope to see you there!

Local chapters are not authorized to speak for the Society



Chicago ASPENews



2016-2017 Preliminary ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
July 30, 2016	ASPE Chicago Chapter Summer Outing Arlington Race Track	N/A	Arlington International 2200 West Euclid Avenue Arlington Heights, IL 60006
September 22, 2016	ASPE Chicago Product Show (See attached Flier for a list of Technical Seminars)		Meridian Banquet & Conference Center 1701 W Algonquin Rd Rolling Meadows, IL
October 20, 2016	Presentation Topic: Hot water Temperature Maintenance Speaker: Mark Hall with Pentair Mfr Spotlight: LabWaste CPVC Corrosive Drainage System Speaker: Ron Leamon w/ Spears Mfg.	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
October 28 thru November 2, 2016	ASPE National Convention, Phoenix, AZ		Phoenix Convention Center 100 N 3rd St, Phoenix, Arizona 85004
November 17, 2016	Presentation Topic: Waterborne Pathogens and Proactive Presentation Speaker: Brian Burgess with Liquitech Mfr Spotlight: Froet Roof Drains and Downspout Nozzles Speaker: Craig Froeter with Froet Industries	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
December 15, 2016	Chapter Membership Appreciation Booster and Casino Night	N/A	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 19, 2017	Presentation Topic: TBD Speaker: Joe Rudy with ATS Spec Mfr Spotlight: International Wastewater Systems Speaker: TBD	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
February 16, 2017	Presentation Topic: The Mechanics of Design: Wall-Mount Concealed Tank Toilet Systems Technology. Speaker: Mark Scharf w/ Geberit Mfr Spotlight by Moen	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 16, 2017	Presentation Topic: TBD but will involve Water Treatment Speaker: Steve Purucker with Panner Mfr Spotlight by Repco	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 20, 2017	Presentation Topic: TBD Speaker: Rick Butler with Lochinvar Mfr Spotlight by Bornquist	0.1	Venuti's 2251 W. Lake Street Addison, IL
May 18, 2017	Presentation Topic: Designing Laboratory Supply Systems for Flammable and Oxidizing Gases Speaker: Brett Conley with Concoa Mfr Spotlight by Pentair	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
TBD	Annual Golf Outing	N/A	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL

If you would like to present any of these topics or become a meeting sponsor, please contact April Ricketts at ASPE.Chicago.VPTech@gmail.com.



PRESIDENT'S MESSAGE

Hello from your President,

Product Show, Product Show, Product Show! It's another year and the 44th annual Chicago ASPE Product Show starts off this year's calendar. We have some great seminars lined up. Please refer to the outline later in the newsletter for seminar topics and times. So I would like to welcome all members and future members back for another great year.

The upcoming year's monthly meeting presentations have been filled. Don't be left behind make it a priority to present and become involved with the ASPE chapter by introducing your product at an upcoming monthly meeting at the "Manufacturer Spotlight" Presentation. This is a chance to talk about your product and sell it to our members.

TOPICS AT MONTHLY MEETINGS

If anyone has a topic that would be of interest to the chapter, now is the time to take the initiative and step up above the rest. Please contact April Ricketts our V.P. Technical for suggestions for next year's meetings starting on September 2017.

ANNUAL PRODUCT SHOW

This September our Annual Product show will be held at Meridian Banquets in Rolling Meadows (same location as last year). Please refer to the information later on in the newsletter for seminar topics and times.

ASPE NATIONAL CONVENTION

October 28th through November 2nd is the ASPE National Convention in Phoenix, Arizona. This is the Largest Event for Plumbing System Design Professionals in our Industry.

JUSTIFY YOUR ATTENDANCE

You recognize the value of attending the ASPE Convention and Exposition, but how do you communicate that to management? How do you gain attendance approval from your manager? Refer to the link below for valuable information in making the right decision.
<http://events.ntpshow.com/ASPE2016/Public/Content.aspx?ID=9363&sortMenu=102006>

CPDT EXAM REGISTRATION

Just a friendly reminder that the CPDT Exam Registration is now open: <https://aspe.org/CPDT-exam>
Registration for the exam closes September 16, 2016 per the detailed information on the webpage above.

ASPE SEEKS UNIQUE WATER RECLAMATION CASE STUDIES

Unique or challenging plumbing system designs that helped a facility recycle and save water are sought for possible publication in the ASPE Journal. For more information or to submit your story, contact Director of Publications, Gretchen Pienta, at gpienta@aspe.org.

DID YOU KNOW?

Chicago amended the Human Rights Chapter of the Municipal Code in May 2016 stating that access to a public accommodation, including a bathroom, cannot be denied based on gender identity. Previously, the Chicago code stated that facilities were open to use based on gender as stated in a form of government identification.



THE ABOVE EXCERPT IS FROM BURNHAM FINAL REVIEW ARTICLE

<https://www.burnhamnationwide.com/final-review-blog/gender-neutral-bathrooms-code-conflicts/>

Continued on next page...

CHAPTER OFFICERS

PRESIDENT

Mark Mannarelli
Syska Hennessy Group
312.450.6308
ASPE.Chicago.President@gmail.com

VICE PRESIDENT TECHNICAL

April Ricketts, PE, CPD, LEED AP
CDM Smith
312.346.5000
ASPE.Chicago.VPTech@gmail.com

VICE PRESIDENT EDUCATION

Chris Wisinski
Bornquist Inc.
773.774.2800
ASPE.Chicago.VPE@gmail.com

VICE PRESIDENT LEGISLATIVE

J. Francisco DeHoyos
Page Southerland Page, Inc.
312.382.3483
aspe.chicago.vpl@gmail.com

VICE PRESIDENT MEMBERSHIP

Chris Sbarbaro, PE, CPD, GPD, LEED AP
Grumman/Butkus
ASPE.Chicago.VPM@gmail.com

VICE PRESIDENT AFFILIATE

Matt Pardue
Pentair Thermal Bldg. Solutions
630.649.0665
aspe.chicago.vpaff@gmail.com

TREASURER

Sean Allard, CPD
McGuire Engineers
312.930.2200
sallard@mepcinc.com

ADMINISTRATIVE SECRETARY

David J. Erickson Sr.
Viega LLC
312.519.5629
aspe.chicago.admsec@gmail.com

CORRESPONDING SECRETARY

Scott Jagodzinski, CPD
Cannon Design
312.960.8396
ASPE.Chicago.CspSec@gmail.com

PRODUCT SHOW CHAIRMAN

Mark Nasuta
Deery-Pardue
mnasuta@deery-pardue.com

ASPE CHICAGO JOBS PROGRAM COORDINATOR

ASpe.chicago.careers@gmail.com

GOLF OUTING CHAIRMAN

Steve Triphahn
W-T Engineering, Inc.
224.293.6301
steve.triphahn@wtengineering.com

HISTORIAN

Donald Johnson

NEWSLETTER EDITOR, WEBMASTER

Jeff Gallagher, P.E.
Viega, LLC
224.407.1813
ASPE.Chicago.nle@gmail.com

AYP LIAISON

Emily Koussa, LEED AP BD+C
Primera Engineers, Ltd.
ASPE.Chicago.AYP@gmail.com

WEBSITE

<http://chicago.aspe.org/>

FACEBOOK

<http://www.facebook.com/au.chicagochapter>
<https://www.facebook.com/groups/ASPE.Chicago/>

LINKEDIN

www.linkedin.com/groups?home=&qid=2393408

PRESIDENT'S MESSAGE CONTINUED...

CHROMIUM-6 IN TAP WATER

I was on the internet the other day and found myself searching for something to add to our newsletter that would catch our members curiosity, and behold I found an article on Chromium-6 found in our drinking water.

Chromium-6 is a natural occurring element that is typically found in rocks and plants. Chromium-6 found in drinking water is usually a sign of pollution from steel and pulp mills and the natural erosion of deposits in the soil.

In 2010 the Environmental Working Group found that dangerous levels of hexavalent chromium (or chromium-6) are present in 31 of 35 U.S. cities, with Madison, Wisconsin; Honolulu, HI; San Jose and Riverside, CA having the highest levels.

Several studies have been recorded in several cities throughout the world such as Australia, Greece, Bangladesh and numerous cities in the United States located in our region.

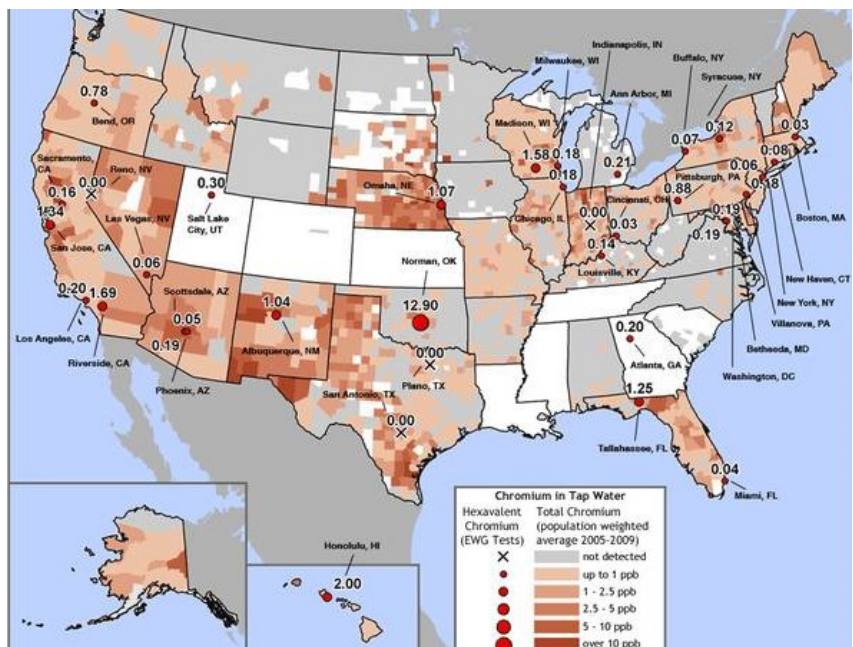
In Chicago's first ever testing for the toxic metal contaminant, results show that the city's local drinking water contains levels of hexavalent chromium more than 11 times higher than the health standard set in California in July 2011. The results of the test showed that the water which is sent to over 7 million residents had average levels of 0.23 ppb of the toxic metal. California's Office of Environmental Health Hazard Assessment designated the nation's new "public health goal" limit as 0.02 ppb. Echoing their counterparts in other cities where the metal has been detected, Chicago officials stress that local tap water is safe and suggest that if a national limit is adopted, it likely would be less stringent than California's goal.

On January 7, 2011 it was announced that Milwaukee, Wisconsin had tested its water and hexavalent chromium was found to be present. Officials are saying it is in such small quantities that it is nothing to worry about, although this contaminant has been linked to cancer (In the draft human health assessment for chromium-6 that was released in September 2010 by the EPA for independent expert peer review and public comment, the EPA is proposing to classify hexavalent chromium (or chromium-6) as likely to cause cancer in humans when ingested over a lifetime. The EPA will make a final determination by the end of 2011. Further testing is being conducted and is expected to be completed by the end of the year.

If anyone is interested in additional information on the above criteria, please visit the following web site https://en.wikipedia.org/wiki/Hexavalent_chromium for content on drinking standards, United States Standards, references, testing, and further reading about chromium-6. You can also download a report on chromium-6 at the following site: <http://www.ewg.org/research/chromium6-in-tap-water>

MAP OF CHROMIUM WATER CONTAMINATION

Water is a commodity and as plumbing engineers, it is our duty and should be our responsibility to keep our population safe from contamination and other impurities in our drinking water for our children and their children and beyond.




PRESIDENT'S MESSAGE CONTINUED...

WHAT IS AYP? WHO CAN BE INVOLVED?

The AYP special interest group is designed for young industry professionals looking to meet with peers to share experiences, exchange ideas about the plumbing design industry, and network with other chapter members. The focus of AYP is to help young plumbing engineers, design professionals, and practitioners establish contacts and further the mission of the Society.

To receive additional information on ASPE Young Professionals or to sign up to be part of the group, please contact Pam Rosenberg, ASPE Staff Liaison to ASPE Young Professionals Special Interest Group, 224-217-9016 or prosenberg@aspe.org.



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DELTA
and what Delta men do

Women of ASPE

ASPE Announces The Women of ASPE

The mission of the new Women of ASPE (WOA) special-interest group is to engage, retain, and advance women in the plumbing design industry through education, leadership development, and networking opportunities. It is open to women who have an active membership with the American Society of Plumbing Engineers. Some of the activities include:

- Mentoring programs
- Membership growth outreach efforts
- Fostering partnerships with industry-related associations
- Various educational offerings

To join the Women of ASPE special-interest group, email skidd@aspe.org
For more information, visit www.aspe.org/woa



Thank you,

Mark G. Mannarelli
Chicago Chapter President
ASPE.Chicago.President@gmail.com

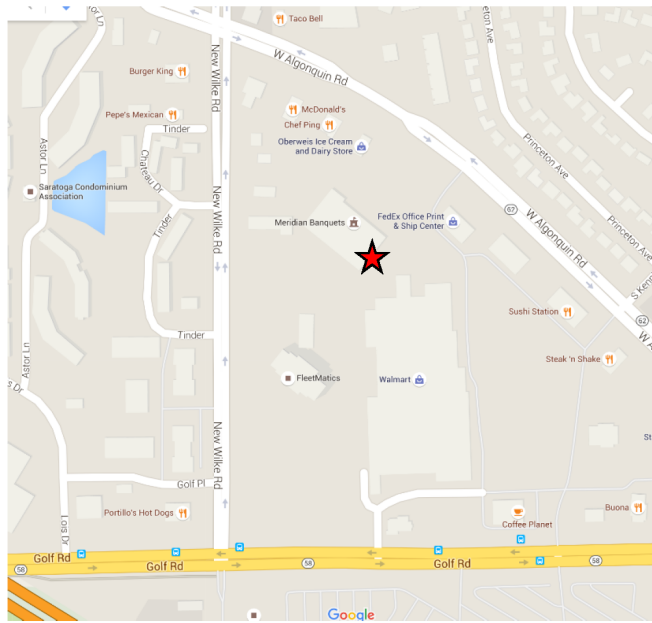


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 - Jason McDonald, 847.316.9258, jmcdonald@grummanbutkus.com
 - Mark Nasuta, info at bottom of page
 - Rick Butler, 224.238.8515, rbutler@lochinvar.com

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TIME	SEMINAR TOPIC	PRESENTER	CEUs	IL State Approved
10:00am - 11:00am	Toilet Technology	TOTO	0.1	Pending
10:00am – 12:00pm	Medical Gas Systems Updates & Coordination	BeaconMedaes	0.2	No
11:15am – 12:15pm	Roof Drain Sizing and Installation	HSA/Zurn	0.1	Pending
12:15pm – 1:45pm	LUNCH BREAK	–	–	
2:00pm – 3:00pm	The State of Chicago Water Systems	Jim Majerowicz, Local 130	0.1	Pending
2:00pm – 3:00pm	Darcy-Weisbach or Hazen-Williams? Sizing Domestic Water Piping	Deery-Pardue/ Uponor	0.1	No
3:15pm – 4:15pm	Lead in Our Water Systems and National Implications	Water Quality Association	0.1	Pending
3:15pm – 4:15pm	Preaction Systems Defined	Victaulic	0.1	No

For additional information, contact Mark Nasuta at 630.514.6067 or marknasuta.ASPEChicago@gmail.com

2016 ASPE Chicago Product Show Seminars

Thursday September 22, 2016

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Toilet Technology

10:00am-11:00am, Room D

Bill Strang, TOTO USA

CEUs: 0.1 ASPE, **IDPH CEUs pending**

Presenter Biography

Bill is President, TOTO Americas – Operations Group and Chairman of TOTO Mexico; he has responsibility for all Operations, including Supply Chain, Quality, Environmental Sustainability and management of the five TOTO North America plants: Morrow, GA; Lakewood, GA; Fairburn, GA; and Ontario, CA, Monterrey Mexico with 1.8 million sq ft under roof.

Under Bill's leadership, TOTO has received awards for 5S Lean Manufacturing implementation, US EPA Water Efficiency Leadership Award, Georgia Governor Sonny Perdue's Water Conservation Leadership Award, the Argon Award, the City of Atlanta Phoenix Award, and Chattahoochee Riverkeeper Sustainability Award. TOTO is the largest percentage user (at 50%) of Green Energy from Georgia Power.

TOTO USA has also developed secondary uses for recycling channels for the waste streams from the manufacturing process, up-cycling them from waste to raw material feed stocks for other manufacturers. All of these endeavors, from Cradle to End of Life Recycling are tracked using Life Cycle Assessment methodologies to measure and reduce the impacts that our products have on the environment. Health materials assessments are also conducted on products to reduce the impacts on human health and the environment. Both of these assessments are presented in a transparency reporting format that is available to everyone.

Syllabus

1. Drain line considerations when using Ultra Low consumption
2. Considerations related to older cast iron piping
3. Update on the use of 1.6 and 1.28gpf toilets and associated problems on both tank style and flush valves.
4. How do you prevent toilet bowl water siphoning on new, engineered toilet traps? (double wye tee)
5. Exploding toilets
6. Flushing systems: wash-down, siphon jet, dual flush, wall hung toilets with in wall tank, back outlet, commercial wall hung toilets with flush valve, etc.
7. EPA WaterSense, residential and commercial / MaP Testing
8. EPD's and Transparency Reports
9. Recycled water / grey water issues – technology, current and future
10. Bidet seats and auto flush toilets; Neorest type and auto flush trip lever retro type
11. Composting toilets, urine separating toilets

Continued on next page...

2016 ASPE Chicago Product Show Seminars

Thursday September 22, 2016

Medical Gas Systems Updates and Coordination

10:00am-12:00pm, Room E

Basil Damukaitis, BeaconMedaes

CEUs: 0.2 ASPE

Presenter Biography

Basil Damukaitis is currently the Northern Illinois/Eastern Wisconsin Regional Manager for BeaconMedaes, a world leader in medical gas source and pipeline equipment, as well as laboratory equipment. Responsibilities include continuing our strong market presence by managing BeaconMedaes reps and introducing new products, new technologies and redesigned equipment to mechanical engineers, healthcare facilities, and mechanical contractors. In addition, he:

- Assists healthcare facilities and engineers in the sizing of medical gas systems including pumps and compressors, as well as technologies which may be best suitable for projects

- Assists in the design of medical gas systems, including the placement of equipment and noting relevant building codes

- Serves as a resource to engineers and facility directors in applying code for compliance and "best practice"

- Assists mechanical contractors in the proper installation, programming, and start-up of equipment

- Conducts equipment orientation and helps troubleshoot installation concerns and issues

Syllabus

1. NFPA 99 -2015 updates and changes from the 1999 edition
2. Review of medical gas installation and renovation of existing systems
3. BAS interconnection of med gas supervision
4. Responsibility for existing systems left in locations where room is a different function
5. Remote/ local pressure transducers, coordination between trades for alarm and power wiring
6. Understanding Medical Gas Systems Certification for renovations



Roof Drain Sizing and Installation

11:15am-12:15pm, Room D

Scott Young, Zurn

John Ryan, DeFranco Plumbing

CEUs: 0.1 ASPE, *IDPH CEUs pending*

Presenter Biographies

Scott Young, an Applications Engineer at Zurn Industries, has 1-1/2 years of experience in roof drainage system design and specification. He is a graduate of Penn State University – Erie Campus.

John Ryan has been a Chicago licensed plumber since 1988 and after 5 years of residential plumbing he joined DeFranco Plumbing in 1993 doing all commercial work. He spent 6 years at one specific hospital (Gottlieb Memorial in Melrose Park) before running larger projects from the field. He joined the office team in 2007 to help execute a complete office renovation. John stayed indoors to help coordinate and develop a service department and splits his time between service coordinator and managing projects up to \$300K. During this period John has developed a reputation as the roofer's preferred plumber. Routinely managing more than 30 roof jobs a year, DeFranco Plumbing purchases and installs thousands of drain products annually.

Syllabus

1. Procedure in sizing roof drains and piping
 - a) Traditional gravity drainage given roof area allocation and rainfall rate
 - i. Sizing of overflow systems
 - b) Sizing of control-flo roof drains given maximum allowable flow rate and maximum head depth
 - c) Siphonic roof drainage sizing
2. Installation of a roof drain
 - a) Standard installation
 - b) Installation with extensions
 - c) Installation with various options

Continued on next page...

2016 ASPE Chicago Product Show Seminars

Thursday September 22, 2016



The State of Chicago Water Systems

2:00pm-3:00pm, Room D

Jim Majerowicz; Training Director, Plumbers' Joint Apprenticeship Committee L.U. 130

CEUs: 0.1 ASPE, **IDPH CEUs pending**

Presenter Biography

Jim Majerowicz is a 34 year member of Plumbers Local Union 130 UA Chicago Illinois. Having graduated from their apprenticeship program he has worked in all phases of the plumbing industry. Jim attended the United Association Instructor Training Program in Ann Arbor, Michigan and for years an instructor there. Jim is a city of Chicago licensed plumbing, State of Illinois licensed Plumber and Certified Plumbing Inspector. Member Illinois Plumbing Code Advisory Council and City of Chicago License Board. Jim was a board member of the Illinois chapter of the American Society of Sanitary Engineering. For the last 25 years Jim has been employed by the Plumbers Joint Apprentice Committee LU 130 UA as an Instructor of plumbing codes and now as training director. An OSHA-certified safety training instructor and a long-time advocate of green plumbing and water conservation. Jim is a labor representative on the Green Technical/WE Committee for the International Association of Plumbing & Mechanical Officials. He holds a CPD/ GPD Certification with ASPE.

Syllabus

1. A 2016 update on trench showers in the city of Chicago and state of Illinois?
2. City of Chicago update on new water meter replacements, infrastructure plans and existing lead pipe in service lines; is there any liability by City of Chicago?
3. The constant reduction of city water pressures in mains over 70 yrs. old.
4. The increased requirement of RPZ backflow preventers and incoming city water pressure.
5. Upcoming changes to the Illinois and Chicago plumbing codes.
6. City of Chicago, all SAN both above and below grade is minimum 4"?
7. OSHA updates on cleaning solution stations at mop basin rooms; what is the requirement when connecting to the new faucet and is an eye wash unit required?
8. WaterSense
9. IL State Plumbing Code vs. Chicago, similarities and differences.
10. Why can Chicago enforce deviations from the IL State Plumbing Code? How is this achieved?
11. Are there any other major cities that use lead and oakum?



Darcy-Weisbach or Hazen-Williams? Sizing Domestic Water Piping

2:00pm-3:00pm, Room E

Mike Rivers, Udonor

CEUs: 0.1 ASPE

Presenter Biography

Mike Rivers is the manager for Udonor Design Services. He holds more than 15 years of experience in the industry with an emphasis in plumbing system installation, application and design as well as new product development and product management for the commercial market. Rivers holds a certification in plumbing design (CPD) from the American Society of Plumbing Engineers (ASPE). He is a professional member of ASPE and the Plastics Pipe Institute (PPI) and holds a Bachelor of Science degree in construction management and a Bachelor of Arts degree in business administration from Minnesota State University at Mankato.

Syllabus

1. Friction loss calculation comparisons
2. Methods of pipe sizing based on friction loss
3. Piping layout options and material differences
4. Sizing hybrid systems containing multiple pipe types and associated sizing parameters
5. Plan review of a hotel detailing how methods of pipe sizing can help reduce system volume - increasing efficiency of the domestic hot water system

Continued on next page...

2016 ASPE Chicago Product Show Seminars

Thursday September 22, 2016

Lead In Our Water Systems and National Implications

3:15pm-4:15pm

Eric Yeggy, Water Quality Association

CEUs: 0.1 ASPE, *IDPH CEUs pending*

Presenter Biography

Eric earned a Bachelor's degree in Chemistry from the University of Northern Iowa and began his career in the environmental testing industry. Throughout a 20 year career in the testing industry Eric gained a wide range of experience performing complex analytical techniques and then managing quality systems. In 2009, Eric joined the Water Quality Association (WQA) and led the development of new industry standards for Sustainability of Water Treatment Products, and new industry performance standards for Electrochemical Water Treatment Systems. Eric participates in numerous industry committees and task forces including the ASPE Plumbing Standards Committee and the IAPMO We-Stand Committee. Through his role as the Director of Technical Affairs for the Water Quality Association, Eric plans and coordinates the activities of the WQA Water Sciences Committee which is charged with tackling the technical challenges facing the drinking water treatment industry. As the Technical Consultant for the Water Quality Research Foundation (the WQRF), Eric also serves as the liaison for the WQRF Research Advisory Committee which prioritizes the study proposals for allocation of funding.

Syllabus

This session will provide background information on the Toxicology of lead and exposure routes. We will then explore what happened with the drinking water in Flint, MI causing lead poisoning in children, how lead is monitored under the Safe Drinking Water Act, lead in our water systems and the potential national implications, and finally new data examining the effectiveness of using point-of-use filters as a final barrier of protection against high lead spikes in the drinking water.



Preaction Systems Defined

3:15pm-4:15pm, Room E

Jack Carbone, Victaulic

CEUs: 1.0 ASPE

Presenter Biography

Jack Carbone is a Senior Engineer at Victaulic. He has his BS in Mechanical Engineering from Temple University and his MBA from Norwich University. Jack is a technical expert in fire protection system products focusing on fire protection valves and sprinklers, flexible sprinkler systems, and providing application support for installers and AHJs.

Jack is a Victaulic Product Specialist responsible for directing the development and growth of fire protection valves. He has over 17 years in the fire protection industry and a NFPA Member since 1999. He has been an NFSA E&S Committee Member, NFPA 13 AUT-SSI Committee Member, and a NFPA 13 AUT-SSD Committee Member.

Syllabus

1. Single vs double interlocked preaction system
2. Heat and smoke detectors
3. Coordination with other trades
4. Annunciation
5. Tie ins to the fire alarm system
6. Discuss rate of rise heat detectors, smoke detectors and why FP should provide (subcontract) secondary detection system to comply with UL requirements.
7. Nitrogen systems overview
8. Galvanized pipe may not be the best product for dry systems
9. NFPA 25 testing



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

September Greetings,

Is it my imagination, or is the weather finally starting to get nice?

I hope that you have all had a wonderful Labor Day holiday. It seems to be a time of parades, barbecues, and telethons (I do miss the old Jerry Lewis Telethon, though).

The Chapter Product Show committee has done a fantastic job lining up technical topics that will accompany the tabletop product show. There are sessions geared towards designers and plumbers alike, with continuing education credits available. Note that as sessions where Illinois CEUs are offered for plumber, non-plumbers can also take those courses and get CEU's through ASPE...just be sure to sign up for CEUs on the correct list.

In October is the ASPE National Convention in Phoenix. It looks to be shaping up to be a fun event. I still recall the first ASPE convention I attended. I saw a presentation from a guy who worked on the NASA space toilet (I don't remember his name), which I thought was pretty cool... I never would have known of the various complexities with answering nature's call in a zero gravity environment.

We are still looking for sponsors for the Networking/Cocktail Hour at our Monthly Chapter Meetings. If you are interested in sponsoring, please let me know.

Lastly, our first Chapter Meeting of this 2016-2017 calendar year will be our October meeting at the Athena Restaurant. Looking forward to seeing you all there.

Until Next Time...

April Ricketts, PE, CPD, LEED AP BD+C

Chicago Chapter Vice President Technical

ASPE.Chicago.VPTech@gmail.com

312-346-5000



VICE PRESIDENT, LEGISLATIVE

Greetings Chicago Chapter.

Happy September and Welcome back to school. Here are the latest amendments to the 2014 IDPH Plumbing code.

Village of Schaumburg

Ordinance Number 0516-847-0080

Water Saving Device. All new plumbing fixtures and irrigation controllers shall bear the "WaterSense" Label (as designated by the U.S. Environmental Protection Agency WaterSense Program) when such labeled fixtures are available.

Village of Hinsdale

Ordinance Number 0516-847-0080

Water Saving Device. All new plumbing fixtures and irrigation controllers installed **on properties connected to the municipal water supply** shall bear the "WaterSense" Label (as designated by the U.S. Environmental Protection Agency WaterSense Program) when such labeled fixtures are available

Village of Carol Stream

Ordinance Number 0616-630-0072

Faucets and supply fitting. In all new construction and replacement of fixtures, faucets or lavatories located in restrooms intended for public use, Faucets shall be of the self-closing type.

Ordinance Number 0616-630-0073

Minimum size of building sewer. The minimum size for building sewer shall be 6 inches.

Continued on next page...

VICE PRESIDENT, LEGISLATIVE CONTINUED...

Village of Carol Stream

Ordinance Number 0616-630-0074

Storm sewer depth. Building storm sewers that connect to the public storm sewer system shall be minimum of 42 inches below finished grade at the point of connection.

Ordinance Number 0616-630-0075

Water service burial depth. Water service pipe shall be installed not less than five feet six inches below finished grade.

Ordinance Number 0616-630-0076

Required floor drains. A Floor drain shall be located within 3 feet of any water meter, water heater, or reduced pressure backflow prevention device.

Ordinance Number 0616-630-0077

Connection to potable water. The connection to the potable water system shall be made by a licensed plumber, and shall be located downstream from the water meter.

Ordinance Number 0616-630-0078

Connection to potable water system. The potable water supply to lawn irrigation system shall be protected against backflow by a reduced pressure backflow prevention device. A valve shall not be installed downstream from an atmospheric Vacuum Breaker. Chemical shall not be introduced through the lawn sprinkler system.

Ordinance Number 0616-630-0079

Backflow prevention. The required reduced pressure backflow prevention device. A valve shall be installed in the irrigation system between the connection of the potable system and the first control device. Certification for the backflow prevention device shall be submitted to the code official.

Ordinance Number 0616-630-0080

Gate Valves. A full-flow gate valve shall be installed on each side of the backflow prevention device.

Ordinance Number 0616-630-0081

Floor drain. If the backflow prevention device is located within a building, a floor drain shall be within 3 feet from the device. *(Didn't they say that before?)*

Ordinance Number 0616-630-0083

All new plumbing fixtures installed shall bear the water sense label (as designated by the U.S. Environmental Protection Agency WaterSense Program) when such labeled fixtures are available.FR

Ordinance Number 0616-630-0084

Water Saving Device. All new plumbing fixtures and irrigation controllers shall bear the "WaterSense" Label (as designated by the U.S. Environmental Protection Agency WaterSense Program) when such labeled fixtures are available.

Always check with local authorities where your job is taking place for their recently approved amendments, or the ones that are about to be enforced. It seems that each month two to three villages get their modifications to the code approved.

J. Francisco DeHoyos

Vice President, Legislative
ASPE Chicago Regional Chapter,
ASPE Region 5 Liaison,
ASPE Society Education Committee Chairman.
aspe.chicago.vpl@gmail.com



VICE PRESIDENT, MEMBERSHIP

I hope to see you all at the Chicago ASPE Product Show on 9/22. I will try and bug all of you members regarding missing contact information when I am there. I also intend to obtain data from you affiliate members to update our product directory.

We did not have any new members to report for the Month of August.

Here are the Chicago ASPE Chapter Membership stats, as of Aug 6th:

Total Chapter Members = 280

- Full = 134
- Associate = 15
- Affiliate = 107
- Gov't = 2
- Presidential = 1
- Special = 13
- Student = 1
- Life = 0
- Retired = 8
- Honorary = 0

Thank You,

Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C
Chicago Chapter Vice President, Membership
ASPE.Chicago.VPM@gmail.com



ADMINISTRATIVE SECRETARY

Greetings Members,

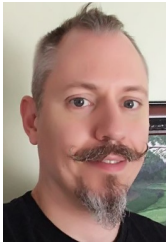
We are at the end of our summer and daylight savings is around the corner so we'll be losing much more after that. It's been a great summer with warm and sunny days that will be truly missed in the coming months. Our next event will be the Chicago ASPE Product Show meeting on September 22 at Meridian Banquet & Conference Center at 1701 Algonquin Road, Rolling Meadows, IL.

Don't forget about the ASPE National Convention in Phoenix, AZ; dates: October 28th through Nov 2

I hope to see you at the upcoming events.

Thank you,

David Erickson-
Chicago Chapter Administrative Secretary
C# 312-519-5629 aspe.chicago.admsec@gmail.com



CORRESPONDING SECRETARY: INDUSTRY NEWS

Hello everyone in ASPE land. I cannot believe September is already here. Summer seemed too short this year. Definitely not enough golfing. But the good part of fall in Chicago is that we are back in to the new season of educational meetings. And to start it all off we have our annual product show coming in just a few weeks.

American Society of Sanitary Engineering (ASSE)
(http://www.asse-plumbing.org/chapters/region04_il.html)

ASSE Monthly Meeting

Date: No September meeting listed at time of posting

National Fire Protection Association (NFPA)
(www.nfpa.org)

NFPA training throughout the US:

Details: <http://www.nfpa.org/training-and-events/resources/events-calendar>

NFPA FREE Webinar:

Smart Fire Protection: Update on NFPA Sandbox, Smart Home Summit, Smart Enforcement Workshop, and Related Activities

Date: Tuesday, October 25, 2016 – 12:30 – 2:00 PM (EST)

Cost: Free

Details: <http://www.nfpa.org/training-and-events/by-type/webinars>

American Society of Professional Estimators (ASPE)
(<http://www.aspechicago.org/>)

ASPE Monthly Meeting

Date: 3rd Thursday of every month (September 15, 2016)

Location: Barbacoa, 1341 Butterfield Rd., Downers Grove, IL

Time: 5 PM Social, 6 PM Dinner, 7 PM Program

RSVP: Marvin Fitzwater, mfitzwater@ccsdifference.com

USGBC - Illinois Chapter (LEED)
(<http://www.usgbc-illinois.org/events/event-calendar/>)

Monthly Events

The Good, The Bad, and The Ugly of a 4kw Solar Panel Installation

Date: Wednesday September 14, 2016

Location: Shooting Star Prairie – 24974 W Miller Rd, Barrington, IL 60010

Cost: \$20 non-member, \$10 member

Details: <http://www.usgbc-illinois.org/events/event-calendar/>

Society of Fire Protection Engineers (SFPE)
(<http://www.chicagosfpe.org/>)

SFPE Chicago Monthly Meeting – Annual Golf Outing

Date: Tuesday September 13, 2016 - 7 AM Registration, 8 AM shotgun start

Location: Maple Meadows Golf Club, 272 Addison Rd, Wood Dale, IL 60191

Cost: \$150 per person.

Details: <http://www.chicagosfpe.org/event/annual-golf-outing/>

SFPE Chicago Annual Seminar

Date: Thursday October 27, Time: TBD

Location: Pentair Pump, 800 Airport Road, North Aurora, IL 60542

Cost: TBD

Details: <http://www.chicagosfpe.org/event/2016-chicago-sfpe-annual-educational-seminar/>

IFT is now offering courses in Fire Protection Engineering

Details: <http://www.chicagosfpe.org/newsletter/aroundtown.htm>

Date: No September meeting listed at time of posting

Details: <http://www.ifpanet.org/Calendar.aspx>

Illinois Fire Prevention Association (IFPA)
(www.ifpanet.org)

IFPA Monthly Meeting

Date: No September meeting listed at time of posting

Details: <http://www.ifpanet.org/Calendar.aspx>

Illinois Chapter of ASHRAE
(<http://www.illinoisashrae.org/>)

ASHRAE – Annual Golf Outing

Date: Saturday September 15, 2016 – 9:30 AM

Location: St Andrews Golf Club, 2241 Route 59, West Chicago, IL 60185

Details: <http://illinoisashrae.org/meetinginfo.php?id=121&ts=1472744560>

CORRESPONDING SECRETARY: INDUSTRY NEWS CONTINUED...

Refrigeration Service Engineer's Society (RSES)
(www.rses.net)

RSES Monthly Meeting

Date: Tuesday, September 13, 2016 – 12 PM

Location: Call for location

Contact: 1-800-8970-3635

Details: <http://rses.net/>

**** {UPDATE} ***** {UPDATE} *****

{UPDATE} *****

PAMCANI – UPDATE PAMCANI IS NOW RUN BY

*******THE PLUMBING COUNCIL & PCA*******

(<http://www.plumbingcouncil.org/>)

The Plumbing Council is continuing the industry-wide calendar listing events throughout the year that can be found here:

<http://www.plumbingcouncil.org/documents-plumbing-council-contractors/piping-industry-calendar>

Or Check out their YouTube Channel [https://](https://www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA)

www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA

PCA (Plumbing Contractors Association of Chicago and Cook County)

PCA Monthly Meeting

Date: Tuesday, September 13, 2016 – 6 PM

Location: Harry Caray's - Lombard

Details: <http://www.calendarwiz.com/calendars/popup.php?op=view&id=103629239&crd=pic>

Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)

(www.ilphcc.com)

Continuing Education Class

Dates: Friday September 23, 1-5 PM

Location: John A Logan College, 700 Logan College Road, Carersville, IL 62918

Cost: \$50

Details: <http://www.ilphcc.com/continuing-education>

National Rural Water Association (NRWA) – Illinois Rural Water Association (IRWA)

(<http://www.nrwa.org/>) (<http://www.ilrwa.org/>)

IRWA Monthly Water Training Sessions (Stewart Spreading Field Day)

Date: Wednesday, September 21, 2016

Location: Sheridan, IL

Cost: FREE

Details: <http://www.ilrwa.org/Training/EPA%20Training/Stewart%20Spreading.pdf>

American Water Works Association (AWWA) – Illinois Section

(www.awwa.org/) – (<http://www.isawwa.org/>)

Multiple Items Listed on Event Calendar

Dates: August, 2016

Location: Varies

Details: http://www.isawwa.org/events/event_list.asp

**** {NEW} ***** {NEW} ***** {NEW} *****

Wisconsin Healthcare Engineering Association (WHEA)

(<http://www.whea.com/>)

Sign up now for their annual “lunch & learn” webinars service (12 per year)

Dates: Monthly, 2016

Details: <http://www.whea.com/about-us/calendar/>

Newsletter: <http://www.whea.com/media/114197/2nd-quarter-newsletter.pdf>

Just a little follow up note. If you know of any association that you feel would be a benefit for ASPE members that I am not including here please let me know.

Scott Jagodzinski, CPD

Chicago Chapter Corresponding Secretary

ASPE.Chicago.CspSec@gmail.com