



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 49, No. 5
December 2017



Chicago Chapter General Meeting Thursday December 14, 2017



La Villa Restaurant

3632 N. Pulaski Road
Chicago, IL 60641

**BOOSTER NIGHT
HOLIDAY PARTY &**



Happy Holidays

AGENDA

5:30pm– 9:00pm

Open Bar: Call Liquor, Beer & Wine
Hats off to all the **outstanding Affiliates**, ASPE Chicago
and our members!

Program:

No technical program tonight, just a great night of
socializing with good friends, and a chance to try out your
skills on a select number of games!

6:30pm Dinner, (\$35 for ASPE Members \$40 Non-Members). **RSVPs
must be received by 6:00 PM on Monday, December 11**
(RSVPs received after this time will be charged a \$5 late fee).

RSVP by 6:00 PM on Monday, December 11 to Chris Sbarbaro, VP
Technical to avoid being charged a \$5 late fee!!

- ◇ Call: 847-316-9220
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

Appetizers:

- Sausage Skewers
- Meatballs
- Focaccia Bread
- Shrimp Cocktail

Salad w/ Ranch, French, and
House Dressings

Entrées:

- Pepper Steak
- Baked Chicken
- Bowtie Pasta w/ Marinara
- Mashed Potatoes
- Grilled Vegetables

Drinks:

- Coffee

Local chapters are not authorized to speak for the Society



Chicago ASPENews



2017-2018 Preliminary ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
September 21, 2017	ASPE Chicago Product Show (See next page for a list of Technical Seminars)		Plumbers Local 130 Union Hall 1400 W. Washington Blvd. Chicago, IL 60607
October 19—22 2017	ASPE National Technical Symposium Montréal, Québec	Several Hours Avail.	Hotel Bonaventure Montréal 900 Rue de la Gauchetière O, Montréal, QC H5A 1E4, Canada
October 19, 2017	Presentation Topic: Heat Exchanger Sizing Speaker: Mark Kaulas of Bornquist Mfr Spotlight: TBD Speaker: TBD	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
November 16, 2017	Presentation Topic: High Purity Water and Water Reclamation in Commercial Buildings Speaker: Chris Soderholm of Water Control Corporation Mfr Spotlight: Aerco Water Heater Sizing and Piping Speaker: Mark Kaulas & Chris Wisinski with Bornquist Inc.	0.1	The Berghoff [New Venue Location!] 17 W Adams St Chicago, IL 60603
December 14, 2017	Booster Night Holiday Party & Casino Night		La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 18, 2018	Presentation Topic: Digital Mixing Valves Speaker: Todd McCurdy of Powers Mfr Spotlight: TBD Speaker: TBD	0.1	Venuti's 2251 W. Lake Street Addison, IL
February 15, 2018	Presentation Topic: Siphonic Roof Drains Speaker: Jay Stenklyft of MiFab Mfr Spotlight: NIBCO Press Speaker: Aaron Kilburg of NIBCO	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 15, 2018	Presentation Topic: Codes and Standards Development, a Peek Behind the Curtain Speaker: Curtis Dady of Viega Mfr Spotlight: TBD Speaker: TBD	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 19, 2018	Presentation Topic: Introduction to CPVC Piping Systems Speaker: John Pritchard with Lubrizol Mfr Spotlight: FlowGuard Gold & Corzan CPVC Piping Systems Speaker: John Pritchard with Lubrizol	0.1	Venuti's 2251 W. Lake Street Addison, IL
May 17, 2018	Presentation Topic: TBD Speaker: TBD Mfr Spotlight: TBD Speaker: TBD	0.1	Club Casa (at Golf Center) [New Venue Location!] 353 N. River Rd Des Plaines, IL
April 19, 2018	Annual Golf Outing		Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates

If you would like to present any of these topics or become a meeting sponsor, please contact Chris Sbarbaro at aspe.chicago.vptech@gmail.com.



PRESIDENT'S MESSAGE

December Greetings!

It is hard to believe that the holiday season is already here. I kind of was hoping for a little bit more snow about now, but I am sure that when it comes it will be a doozie and I will be complaining that there is too much snow (smile).

Thanks to everyone who turned up for our November meeting at the Berghoff Restaurant in Downtown Chicago. Finding good locations that can accommodate our group's size without raising prices was a challenge, but I think our VP Technical Chris Sbarbaro found us a good spot. We had a great turnout and have heard lots of positive feedback on the location. We have also received some constructive criticism, which we will also take to heart.

This month is the Chapter's Annual Booster Night event. This year promises to be even more spectacular than last year's Casino Night, so be sure to join us for of gaming tables (and lots more prizes), delicious food, and holiday festiveness and cheer. Please plan to come out and show your support for the local plumbing manufacturer's representatives who have been a big supporter of the Chapter for many years. If you are a manufacturers rep and are interested in becoming a sponsor or are interested in volunteering, please let contact Darren Rich at aspe.chicago.vpaff@gmail.com or by phone at 847-875-8659.

I mentioned it in the last newsletter, but ASPE Society will be offering a Basic Plumbing Design workshop right here in Chicago next month:

- **Sign up for our Basic Plumbing Design Workshop now**
Being held January 25-26, this course at our headquarters near Chicago's O'Hare Airport will cover design strategies for storm drainage, natural gas, domestic cold and hot water, and sanitary sewer systems. You will earn 1.2 CEUs or 12 PDHs for attending, and registration is open at aspe.org/BasicsWorkshop

ASPE has also announced the folks who recently earned their CPDT designations. Locally, the list includes:

- Donovan Aguirre Rivas, CPDT
- Christopher Macal, CPDT
- Matthew Panzer, G.E., CPDT

Congratulations to all the new CPDTs!

Lastly, don't forget to bring your unwrapped gifts "Toys for Tots" to the Casino Night. Thank you, ASPE Chicago Chapter membership, for all the toys donated at our November meeting...let's see if we can top that amount in December (smile). As in years past, one or two US Marines will be at the Casino Night event to collect the toys and any monetary donations. If you have the opportunity, please stop by and let them know how much you appreciate their service as well as for all the smiles the Marine Toys for Tots Foundation have brought to children all over the country and right here in Chicagoland.

Happy Holidays!

Until Next Time...

April Ricketts, PE, CPD, LEED AP BD+C
Chicago Chapter President
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VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

Greetings,

I hope everyone had a great time at the Berghoff last month! I officially booked the Berghoff for next November to try and keep a true downtown venue in the mix. I will find another downtown location for the next ASPE calendar year that work with our \$35 budget – stay tuned.

I want to take a moment and give thanks to the following people for making the November Meeting a huge success!

- Thanks to Jeff Gallagher of Viega for sponsoring Cocktail Hour!
- Thanks to Mark Kaulas & Chris Wisinski of Bornquist for covering Water Heater Sizing and Piping.
- Thanks to Andrew Paulsen of Water Control Corporation for giving an outstanding presentation on high purity water.

TECHINICAL PRESENTATIONS ON HOLD TILL JANUARY MEETING:

We will take a break with our presentations during the month of December for Member Appreciation Night. If you are a member and want to check out either of the October or November Technical Presentations, your local ASPE chapter has you covered! Please recall that **we have these technical presentations recorded and available online for future reference! If you are a current member who is interested in obtaining access to the October presentation please email me and I will provide you a hyperlink.**

*****NEW RSVP DEADLINE REMINDER*****

I want to stress, yet again, that the **Chicago Chapter is now enforcing a RSVP deadline for chapter meetings. The deadline for RSVP's will be 6:00 PM on Monday, the week of the meeting.** The price for members/non-members who RSVP on time will be \$35/\$40, respectively, as it currently is now. **For those who RSVP after the deadline, a \$5 late fee will be applied to the above cost.**

*****THE IMPORTANCE OF RSVP'ING IN ADVANCE (AND SHOWING UP IF YOU DO SO!)***

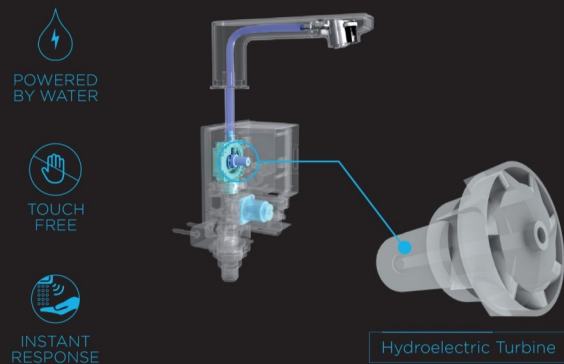
Getting an accurate head count PRIOR to the meeting is crucial to avoid losing Chapter funds. We have to provide final head counts to the restaurants prior to our meeting, (hence the RSVP deadline). For those of you unaware, **we have had a lot of RSVP no shows at the last two meetings**, (20 at the November meeting alone). **It costs the chapter money when you RSVP and don't show up** as we end up paying for extra meals. Expect some more changes coming down the pipeline in an effort to limit this type of behavior. **It is my opinion that the Chicago Chapter should start billing those that RSVP and don't show up to an event!!!** Some of my fellow board members believe this will deter members from showing up. **I am pushing to have calendar reminders you can download** for MSOutlook, Android and iPhones that include reminders for the meeting, as well as a RSVP deadline reminder. **I am also pushing for a PAY IN ADVANCE option online on our Chapter website.** Feel free to offer up your opinions on any of these items the next time you see me.

Thank You,

Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C
Chicago Chapter Vice President, Technical
aspe.chicago.vptech@gmail.com

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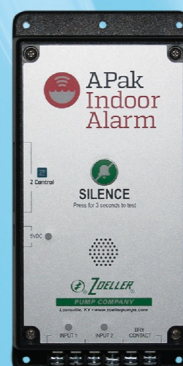
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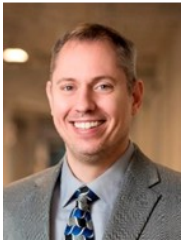
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VICE PRESIDENT, LEGISLATIVE

CODE CORRIDOR

From the pen of Scott Jagodzinski
VP Legislative

Last month we tried a new venue. It was very well attended, the food was delicious and the presentation drew everyone in with a great subject. There were a lot of toys brought in for Toys for Tots, which I now have stacked up in my garage waiting for the 14th of December for the annual Chicago Chapter Christmas party. We will be doing casino night again building off the enormous success of last year. The prizes will be plentiful.

I am continuing what I started last month. Here are the remaining changes to the International Plumbing Code 2018.

Part 2

Modifications:

Section 305.6 Protection against physical damage

In concealed locations where piping, other than cast-iron or galvanized steel, is installed through holes or notches in studs, joists, rafters or similar members less than 1 1/4 inches (32 mm) from the nearest edge of the member, the pipe shall be protected by steel shield plates. Such shield plates shall have a thickness of not less than 0.0575 inch (1.463 mm) (No. 16 gage). Such plates shall cover the area of the pipe where the member is notched or bored, and shall extend not less than 2 inches (51 mm) above sole plates and below top plates.

Table 403.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

The Occupancy (Group) column of the table has been deleted for greater flexibility and accuracy for determining fixture requirements.

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES ³								
CLASSIFICATION	DESCRIPTION	WATER CLOSETS		LAVATORIES		BATHTUBS/ SHOWERS	DRINKING FOUNTAIN	OTHER
		MALE	FEMALE	MALE	FEMALE			

Section 403.1.1 Single-use toilet facility and bathing room fixtures

Single user toilet facilities having required plumbing fixtures must now be labeled for use by either sex.

Section 403.2 Separate Facilities

Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. through 3. are unchanged.

4. Separate facilities shall not be required in business occupancies in which the maximum occupant load is 25 or fewer.

Section 409.1 Approval

Commercial dishwashing machines shall conform to ASSE 1004 and NSF 3. Residential dishwashers shall conform to NSF 184.

Section 409.4 (Deletes Section 802.1.6) Residential dishwasher waste connection

The waste connection of a residential dishwasher shall connect directly to a wye branch fitting on the tailpiece of the kitchen sink, directly to the dishwasher connection of a food waste disposer, or through an air break to a standpipe. The waste line of a residential dishwasher shall rise and be securely fastened to the underside of the sink rim or counter top.

Continued on next page...

VICE PRESIDENT, LEGISLATIVE CONTINUED...

Section 502.1 General

Water heaters shall be installed in accordance with the manufacturer's instructions. Oil-fired water heaters shall conform to the requirements of this code and the International Mechanical Code. Electric water heaters shall conform to the requirements of this code and provisions of NFPA70. Gas-fired water heaters shall conform to the requirements of the International Fuel Gas Code. Solar thermal water heating systems shall conform to the requirements of the International Mechanical Code and ICC 900/SRCC 300.

Section 504.6 Requirements for discharge piping

The discharge piping serving a pressure relief valve, temperature relief valve or combination thereof shall:

Items 1. through 13. are unchanged.

14. Be one nominal size larger than the size of the relief valve outlet, where the relief valve discharge piping is installed with insert fittings. The outlet end of such tubing shall be fastened in place.

Section 504.7 Required pan

Where a storage tank-type water heater or a hot water storage tank is installed in a location where water leakage from the tank will cause damage, the tank shall be installed in a galvanized steel pan constructed of one of the following: having a material thickness of not less than 0.0236 inch (0.6010 mm) (No. 24 gage), or other pans approved for such use.

1. Galvanized steel or aluminum of not less than 0.0236 inch (0.6010 mm) in thickness.
2. Plastic not less than 0.036 inch (0.9 mm) in thickness.
3. Other approved materials.

A plastic pan shall not be installed beneath a gas-fired water heater.

Section 602.3.1 Sources

Dependent on geological and soil conditions and the amount of rainfall, individual water supplies are of the following types: drilled well, driven well, dug well, bored well, spring, stream or cistern. Surface bodies of water and land cisterns shall not be sources of individual water supply unless properly treated by approved means to prevent contamination. Individual water supplies shall be constructed and installed in accordance with the applicable state and local laws. Where such laws do not address all of the requirements set forth in NGWA-01, individual water supplies shall comply with NGWA-01 for those requirements not addressed by state and local laws.

Section 607.3 Thermal expansion control

Where a storage water heater is supplied with cold water that passes through a check valve, pressure reducing valve or backflow preventer, a thermal expansion tank control device shall be connected to the water heater cold water supply pipe at a point that is downstream of all check valves, pressure reducing valves and backflow preventers. Thermal expansion tanks shall be sized in accordance with the tank manufacturer's instructions and shall be sized such that the pressure in the water distribution system shall not exceed that required by Section 604.8.

Section 608.3 Devices, appurtenances, appliances and apparatus

Devices, appurtenances, appliances and apparatus intended to serve some special function, such as sterilization, distillation, processing, cooling, or storage of ice or foods, and that connect to the water supply system, shall be provided with protection against backflow and contamination of the water supply system. Water pumps, filters, softeners, tanks and other appliances and devices that handle or treat potable water shall be protected against contamination.

Section 608.16.1.1 Carbonated beverage dispensers

The water supply connection to carbonated beverage dispensers shall be protected against backflow by a backflow preventer conforming to ASSE 1022 or by an air gap. The portion of the backflow preventer device downstream from the second check valve of the device and the piping downstream therefrom shall not be affected by carbon dioxide gas.

Continued on next page...

VICE PRESIDENT, LEGISLATIVE CONTINUED...

Section 609.1 Scope

This section shall govern those aspects of health care plumbing systems that differ from plumbing systems in other structures. Health care plumbing systems shall conform to the requirements of this section in addition to the other requirements of this code. The provisions of this section shall apply to the special devices and equipment installed and maintained in the following occupancies:

~~nursing homes Group I-1, homes for the aged Group I-2, orphanages, infirmaries, first aid stations, psychiatric Group B ambulatory care facilities, clinics, professional medical offices of dentists and doctors, mortuaries, educational facilities, surgery, dentistry, research and testing laboratories, establishments and Group F facilities manufacturing pharmaceutical drugs and medicines and other structures with similar apparatus and equipment classified as plumbing.~~

Section 611.1 Design

Point-of-use reverse osmosis drinking water treatment units shall comply with NSF 58 or CSA B483.1. Drinking water treatment units shall meet the requirements of NSF 42, NSF 44, NSF 53, NSF 62 or CSA B483.1.

Section 701.2 Connection to sewer required

~~Buildings in which sanitary drainage piping from plumbing fixtures are installed in buildings and premises having sanitary drainage piping systems from premises shall be connected to a public sewer, where~~ Where a public sewer is not available, or an approved the sanitary drainage piping and systems shall be connected to a private sewage disposal system in compliance with state or local requirements. Where state or local requirements do not exist for private sewage disposal systems, the sanitary drainage piping and systems shall be connected to an approved private sewage disposal system that is in accordance with the International Private Sewage Disposal Code.

Exception: Sanitary drainage piping and systems that convey only the discharge from bathtubs, showers, lavatories, clothes washers and laundry trays shall not be required to connect to a public sewer or to a private sewage disposal system provided that the piping or systems are connected to a system in accordance with Chapter 13 or 14.

Section 703.4 Existing building sewers and building drains

~~Existing~~ Where the entire sanitary drainage system of an existing building is replaced, existing building drains under concrete slabs and existing building sewers and drains shall connect with new building sewer and drainage systems only where found by examination and test to conform to that will serve the new system shall be internally examined to verify that the piping is sloping in quality the correct direction, is not broken, is not obstructed and is sized for the drainage load of material. The code official shall notify the owner new plumbing drainage system to make the changes necessary to conform to this code. be installed.

Section 704.1 Slope of horizontal drainage piping

Horizontal drainage piping shall be installed in uniform alignment at uniform slopes. The slope of a horizontal drainage pipe shall be not less than that indicated in Table 704.1 except that where the drainage piping is upstream of a grease interceptor, the slope of the piping shall be not less than 1/4 inch per foot (2-percent slope).

Section 704.2 Change No Reduction in the size in the direction of flow

The size of the drainage piping shall not be reduced in size in the direction of the flow. ~~A 4-inch by 3-inch (102 mm by 76 mm) water closet connection~~ The following shall not be considered as a reduction in size. in the direction of flow:

1. A 4-inch by 3-inch (102 mm by 76 mm) water closet flange.
2. A water closet bend fitting having a 4-inch (102 mm) inlet and a 3-inch (76 mm) outlet provided that the 4 inch leg of the fitting is upright and below, but not necessarily directly connected to, the water closet flange.
3. An offset closet flange.

Continued on next page...

VICE PRESIDENT, LEGISLATIVE CONTINUED...

Section 705.16.4 Plastic pipe or tubing to other piping material

Joints between different types of plastic pipe shall be made with an approved adapter fitting, or by a solvent cement joint only where a single joint is made between ABS and PVC pipes at the end of a building drainage pipe and the beginning of a building sewer pipe using a solvent cement complying with ASTM D3138. Joints between plastic pipe and other piping material shall be made with an approved adapter fitting. Joints between plastic pipe and cast-iron hub pipe shall be made by a caulked joint or a mechanical compression joint.

Section 712.3.2 Sump pit

The sump pit shall be not less than 18 inches (457 mm) in diameter and not less than 24 inches (610 mm) in depth, unless otherwise approved. The pit shall be ~~accessible~~ provided with access and shall be located such that all drainage flows into the pit by gravity. The sump pit shall be constructed of tile, concrete, steel, plastic or other approved materials. The pit bottom shall be solid

and provide permanent support for the pump. The sump pit shall be fitted with a gastight removable cover that is installed ~~flush with grade or floor level, or above~~ not more than 2 inches (51 mm) below grade or floor level. The cover shall be adequate to support anticipated loads in the area of use. The sump pit shall be vented in accordance with Chapter 9.

Section 712.4.2 Capacity

A sewage pump or sewage ejector shall have the capacity and head for the application requirements. Pumps or ejectors that receive the discharge of water closets shall be capable of handling spherical solids with a diameter of up to and including 2 inches (51 mm). Other pumps or ejectors shall be capable of handling spherical solids with a diameter of up to and including 4-1/2 inch (25 13 mm). The capacity of a pump or ejector based on the diameter of the discharge pipe shall be not less than that indicated in Table 712.4.2.

Section 716 (Previously 717) Replacement of Underground Building Sewers and Building Drains by Pipe Bursting Methods

Section on replacement of building sewers by pipe-bursting methods has been expanded to include replacement of underground building drains.

There could be some buildings where a building drain has to be replaced and the open-trench method is prohibitive in both cost and facility downtime.

For example, a large factory building could have a long underground building drain passing under floor areas having machinery or conveyors in many locations on the floor. Dismantling and moving such equipment in order to cut a trench in the floor and excavate would be an excessive disruption. Pipe bursting is an alternative for these situations.

Section 802.1 Protection

Devices, appurtenances, appliances and apparatus intended to serve some special function, such as sterilization, humidification, distillation, processing, cooling, or storage of ice or foods, and that discharge to the drainage system, shall be provided with protection against backflow, flooding, fouling, contamination and stoppage of the drain.

Section 918.8 Prohibited installations

Air admittance valves shall not be installed in nonneutralized special waste systems as described in Chapter 8 except where such valves are in compliance with ASSE 1049, are constructed of materials approved in accordance with Section 702.5 and are tested for chemical resistance in accordance with ASTM F 1412. Air admittance valves shall not be located in spaces utilized as supply or return air plenums. Air admittance valves ~~without an engineered design~~ shall not be ~~utilized~~ used to vent sumps or tanks ~~of any type~~ except where the vent system for the sump or tank has been designed by an engineer. Air admittance valves shall not be installed on outdoor vent terminals for the sole purpose of reducing clearances to gravity air intakes or mechanical air intakes.

Continued on next page...

VICE PRESIDENT, LEGISLATIVE CONTINUED...

Section 1003.3.2 Food waste disposers restriction

~~Where A food waste disposers connect to grease interceptors, a solids interceptor shall separate the discharge before connecting to the grease interceptor. Solids interceptors and grease interceptors shall be sized and rated for the discharge of the food waste disposers. Emulsifiers, chemicals, enzymes and bacteria disposer shall not discharge into the food waste disposer to a grease interceptor.~~

Table 1102.4 Building Storm Sewer Pipe

**TABLE 1102.4
BUILDING STORM SEWER PIPE**

MATERIAL	STANDARD
Acrylonitrile butadiene styrene (ABS) plastic pipe <u>in IPS diameters, including Schedule 40, DR 22 (PS 200) and DR 24 (PS 140); with a solid, cellular core or composite wall.</u>	ASTM D2661; <u>ASTM D-2751</u> ; ASTM F628; <u>ASTM F1488</u> ; CSA B181.1; CSA B182.1
Polyethylene (PE) plastic pipe	<u>ASTM F667</u> ; ASTM F2306/F2306M; ASTM F2648/F2648M
<u>Polypropylene (PP) Pipe</u>	<u>ASTM F2881; CSA B182.13;</u>
Polyvinyl chloride (PVC) plastic pipe (Type DWV, SDR26, SDR35, SDR41, PS50 or PS100) <u>in IPS diameters, including Schedule 40, DR 22 (PS 200) and DR 24 (PS 140); with a solid, cellular core or composite wall.</u>	ASTM D2665; ASTM D3034; ASTM F891; <u>ASTM F1488</u> ; CSA B182.4; CSA B181.2; CSA B182.2

Section 1106.5 Parapet wall scuppers

~~Parapet wall~~ Where scuppers are used for primary roof drainage scupper or for secondary (emergency overflow) roof drainage or both, the quantity, size, location and overflow scupper location shall comply with the requirements of Section 1503.4 inlet elevation of the scuppers shall be chosen to prevent the depth of ponding water on the roof from exceeding the maximum water depth that the roof was designed for as determined by Section 1611.1 of the International Building Code. Scupper openings shall be not less than 4 inches (102 mm) in height and have a width that is equal to or greater than the circumference of a roof drain sized for the same roof area. The flow through the primary system shall not be considered when locating and sizing secondary scuppers.

Section 1303.15.8 Rainwater Quality Test

The quality of the water for the intended application shall be verified at the point of use in accordance with the requirements of the jurisdiction.

VICE PRESIDENT, LEGISLATIVE CONTINUED...

Links for all of the changes 2015 and 2018 IBC, IPC, IMC & IFGC click below.

<https://cdn-web.iccsafe.org/wp-content/uploads/2018-IBC-UPDATE-Handout-9-1-17.pdf>

<https://www.iccsafe.org/wp-content/uploads/2018-Plumbing-Mechanical-Fuel-Gas-Update.pdf>

Please reach out to me if you have any code questions, code updates, or you are looking for any interpretations and I will try and include pertinent information in future newsletters. We here at ASPE are here to provide our chapter members our services if we can.

Thank You,

Scott Jagodzinski, CPD, GPD

Chicago Chapter Vice President, Legislative

aspe.chicago.vpl@gmail.com



VICE PRESIDENT, MEMBERSHIP

Greetings Members,

It is that time of year! Coming up on December 14th is Booster Night! We have brought back Casino Night and more prizes than ever before. Be sure to bring a coworker and show them that ASPE has an enjoyable side too. This night represents a special thanks from ASPE and your reps for all of the support through the year.

Speaking of thanks, make sure to bring a donation for Toys For Tots. We all have a lot to be fortunate for. Please share a little of that fortune with others this Holiday Season.

Secondly, as a friendly reminder, please promote ASPE around your office and to your colleagues. Please contact us if you'd like to put any ASPE literature on your presentations or if you see opportunities around schools or communities to promote ASPE and assist the community as a whole.

I'd like to thank Joshua Stelter for joining as a new member.

Thank you,

Chris Wisinski

Chicago Chapter Vice President, Membership

ASPE.Chicago.VPM@gmail.com

ORDER YOUR ASPE CHICAGO BADGE!

Are you tired of being the only one at the meeting without a fancy ASPE Chicago name badge? Do you want to update your badge so it has your new name or company?

The Chicago Chapter is proud to offer once again our badge promotion!



Costs:

Badges: \$15
Shipping (optional): \$5

Make checks payable to "ASPE Chicago Chapter" and either drop off your check at one of the Chapter Meetings or mail it to:

**ASPE Chicago Chapter
c/o Mark Mannarelli/Syska Hennessy Group
330 N. Wabash Ave, Ste. 1505
Chicago, IL 60611**

Name and Company will be printed on the badge as listed below - if you leave blanks or list other names, they WILL be printed on the badge. If you would like your badge mailed to you, please include this information. You can mail or email this form. Badge order will not be processed until payment is received. Send emails to mannarelligm@gmail.com

Please indicate your preferences:

Name: _____

Company: _____

Fastener style (please circle one):

- Clip
- Magnet

This promotion is for ASPE Chicago members only!



ADMINISTRATIVE SECRETARY

Greetings Members,

If you missed our last meeting it was at the historic Berghoff Restaurant, what a great venue with plenty of room for our meeting. We had over 60 attendees and the 50/50 raffle raised a total of \$256 which was split between a donation to Prostate Cancer Foundation and Ed Lichner. The RSVP was won by our AYP Justin Wroblewski.

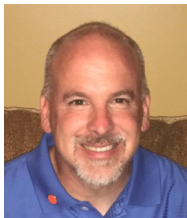
Next month is the Booster meeting at La Villa and I look forward to seeing you all there; I'm thinking about wearing my ugly Christmas sweater, what about you?

Thank you and have a great Day!

David Erickson

Chicago Chapter Administrative Secretary

C# 312-519-5629 aspe.chicago.admsec@gmail.com



VICE PRESIDENT, AFFILIATE

Greetings ASPE Affiliates!

The 2017 ASPE Booster Night is less than 2 weeks away and promises to be a fun entertaining night for everyone involved! The event will be Casino Night as it was last year with gambling for Amazing prizes at the Black Jack, Craps, Roulette tables and more! And of course some great food and great friends!

The prizes are as follows:

- Vizio 55" UHD 4K Smart TV
- Samsung HWM-450 Sound Bar
- Samsung Galaxy Tab A 10.1" 16GB With Bonus 32 GB Micro SD Card
- Apple Watch (Series 1)
- Bose On-Ear Wireless Headphones
- AND MORE PRIZES TO COME!!!!

I have heard from many of you wanting to sponsor this event and your support is greatly appreciated. Some of you sponsored the event last year and I have not heard from you yet, don't miss your chance to sponsor this great event!

General Sponsor \$100.00— Your company will be listed on a sign thanking all of our sponsors and listed in the ASPE January Newsletter. There are an unlimited number of General Sponsorships Available.

Bar Sponsor \$300.00— This sponsorship includes everything in the General Sponsorship as well as a sign specifically thanking your company hanging by the bar. At this point, we are not limiting the number of Bar Sponsorships! Drink All you want (But be careful!!!!)

Platinum Sponsor \$2,000.00— This is something we added this year thanks to a generous sponsorship offered by a Manufacturer, this will ultimately be a "Prize Table Sponsorship". Let me know if you are interested in a sponsorship at this level. Multiple Sponsorships may be available and if we get multiple, this should end up making our prizes for

Please let me know ASAP at what level you would like to Sponsor this year's event! Don't forget we also have advertising space available in the monthly newsletter

Darren Rich

Chicago Chapter Vice President, Affiliate

P# 847.875.8659 aspe.chicago.vpaff@gmail.com



AYP LIAISON / PRODUCT SHOW CHAIRMAN

Happy Holiday Chicago Chapter,

I hope everyone had a wonderful thanksgiving that was filled with family, friends, and lots of food. I look forward to seeing everyone at the tables during the December meeting. Please consider bringing in a toy for our Toys for Tots drive! There are many families and children in need of a good holiday.

I had the pleasure of speaking with Travis from Nibco during the November meeting about setting up an AYP event to their factory and possible something after the tour. We are still working out details of when we might be able to schedule something so keep your eyes peeled for an email from me. Please feel free to contact me with other ideas for events.

For some of you that missed the November meeting, I have switched firms and I am no longer at Wight and Company. I moved to AMS Mechanical and am excited to be working on larger scale projects and designs.

Justin Wroblewski, CPDT

Chicago Chapter AYP Liaison / Product Show Chairman

aspe.chicago.ayp@gmail.com / aspe.chicago.pschairman@gmail.com / Jwroblewski@ams-pmt.com



CORRESPONDING SECRETARY: INDUSTRY NEWS

Happy Holidays to the entire Chicago Chapter, what a quick year it has been. I look forward to seeing everyone during the Christmas Party in December, and wish everyone best of luck at the casino tables! Thank you very much to those who donated to last month's 50/50 raffle; we more than doubled the amount from our meeting in October and hope to keep the trend when we pick back up in January. The donations that month will go to benefit "Mercy of Well", an organization created to help single mothers in need understand their purpose in life and enable them to take great strides towards successful life changes. Please see the list below of activities around the area that may be of value in the coming months:

American Society of Sanitary Engineering (ASSE)

(http://www.asse-plumbing.org/chapters/region04_il.html)

ASSE Monthly Chicago Meeting

Date: Dec 12th

Time: 10:30AM – 2:00PM

Location: Cucina Biagio: 7309 W. Lawrence Ave, Hardwood Heights, IL

Illinois Chapter of ASHRAE

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

ASHRAE Holiday Party

Date: Dec 5th

Time: 4:00PM – 8:00PM

Location: Metropolitan Club of Chicago, Oak Room, Willis Tower, 66th Floor: 233 S. Wacker Drive, Chicago, IL 60606

Cost: \$75

Details: (<https://illinoisashrae.starchapter.com/meet-reg1.php?id=144>)

ASHRAE Annual Winter Conference

Date: Jan 20th – Jan 24th

Location: Palmer House Hilton: 17 E Monroe St, Chicago, IL 60603

Details: (<https://www.ashrae.org/membership-conferences/conferences/2018-ashrae-winter-conference>)

PCA (Plumbing Contractors Association of Chicago and Cook County)

(<https://plumbingcouncil.org/pca>)

PCA "Rising Tide" Event (Young Professionals)

Date: Dec 5th

Time: 5:45PM – 7:30PM

Location: Masterminds Escape Room: 1015 E State Pkwy #200, Schaumburg, IL 60173

Cost: \$50

Details: (<https://plumbingcouncil.org/meeting-notice/pca-contractor-inspector-night-1-9-18>)

PCA Monthly Meeting w/ 2 Hours C.E. Credit

Date: Jan 9th

Time: 6:00PM – 8:30PM

Location: Maggiano's: 240 Oakbrook Center, Oak Brook, IL 60523

Cost: \$50

Details: (<https://plumbingcouncil.org/meeting-notice/pca-contractor-inspector-night-1-9-18>)

Continuing Education Class

Dates: Dec 5th

Times: 5:00PM – 9:00PM

Location: Volo Local 130: 31855 North US Highway 12, Volo, IL

Details: (<https://www.calendarwiz.com/calendars/popup.php?op=view&id=114330494&crd=pic>)

Continuing Education Class

Dates: Dec 13th

Times: 5:00PM – 9:00PM

Location: Chicago Local 130: 1340 W Washington Blvd, Chicago, IL

Details: (<https://www.calendarwiz.com/calendars/popup.php?op=view&id=114330534&crd=pic>)

Continuing Education Class

Dates: Dec 13th

Times: 5:00PM – 9:00PM

Location: Joliet Local 130: 2114 S. I-80 Frontage Rd, Joliet, IL

Details: (<https://www.calendarwiz.com/calendars/popup.php?op=view&id=114330534&crd=pic>)

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

(www.ilphcc.com)

Continuing Education Class

Dates: Dec 12th

Times: 1:00PM – 5:00PM

Location: Heartland College: 1500 W Raab Rd, Normal, IL 61761

Cost: \$50

Details: (<http://www.ilphcc.com/assets/2017%202018%20continuing%20education%20flyer.pdf>)

National Fire Protection Association (NFPA)

(www.nfpa.org)

CLASSROOM AND HANDS-ON TRAINING		ELECTRICAL			FIRE PROTECTION			
DATE	LOCATION	NFPA 70*	NFPA 70E*	NFPA 72*	NFPA 13	NFPA 25	CFPS*	CFI-I
Dec. 4-8, 2017	Orlando, FL Sheraton Lake Buena Vista Resort	Dec 4-6	Dec 7-8	Dec 4-6	Dec 4-6		Dec 4-5	
Dec. 11-15, 2017	Anaheim, CA Sheraton Park Hotel at the Anaheim Resort	Dec 11-13	Dec 14-15	Dec 11-13	Dec 11-13		Dec 11-12	Dec 11-14

CORRESPONDING SECRETARY: INDUSTRY NEWS CONTINUED...

USGBC - Illinois Chapter (LEED)

(<https://illinoisgreenalliance.org/news-and-events/calendar/>)

Holiday Party

Date: Dec 14th

Time: 5:30PM – 9:00PM

Location: DIRT Chicago Showroom: 325 N. Wells, 10th Floor, Chicago

Details: (<https://illinoisgreenalliance.org/news-and-events/calendar/>)

Society of Fire Protection Engineers (SFPE)

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

SFPE Holiday Meeting

Date: Dec 4th

Time: 11:30AM – 2:30PM

Location: Petterino's Banquet Hall: 150 N Dearborn St, Chicago, IL

Cost: \$45

Details: (<http://www.chicagosfpe.org/event/annual-business-meeting-holiday-luncheon/>)

Refrigeration Service Engineer's Society (RSES)

(www.rses.net)

RSES Monthly Meeting

Date: Nov 12th

Time: 7:00PM

Location: Silver Stallion Restaurant: 1275 Lee St., Des Plaines, IL 60018

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

Illinois Rural Water Association (IRWA)

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

Annual Technical Conference

Date: Feb 20th – 22nd

Location: Thelma Keller Convention Center: 1202 N Keller Dr, Effingham, IL 62401

Details: (<http://www.ilrwa.org/2018%20Exhibitor.pdf>)

National Rural Water Association (NRWA)

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

Rural Water Rally

Date: Feb 5th – 7th

Location: Hyatt Regency Capitol Hill: 400 New Jersey Ave NW, Washington, DC 20001

Details: (<https://nrwa.org/rally/>)

American Water Works Association (AWWA)

(www.awwa.org)

(<https://www.awwa.org/conferences-education/events-calendar.aspx>)



Dec 03 - Dec 05, 2017

Miscellaneous | Conference

North American Water Loss Conference
San Diego



Dec 06 - Dec 06, 2017

AWWA | Webinar

2017 Regulatory Updates Webinar
Online



Dec 12 - Dec 13, 2017

AWWA | Seminar

Customer Service Seminar
Orlando, FL



Dec 14 - Dec 15, 2017

AWWA | Seminar

Effective Utility Management Seminar
Orlando, FL



Dec 14 - Dec 14, 2017

AWWA | Webinar

FREE Webinar: Improve Lab Accuracy for Better Water Analysis
Online

Water Environment Federation (WEF) Illinois Chapter

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

Government Affairs Conference

Dates: Jan 19th

Location: Chicago Mariot Southwest: 1200 Burr Ridge Parkway, Burr Ridge, IL 60527

Details: (<http://www.memberleap.com/Calendar/moreinfo.php?eventid=5791>)

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

IFPA No upcoming events

American Water Works Association (AWWA) – Illinois Section

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

ILAWWA No upcoming events

Healthcare Engineers Society of Northern Illinois (HESNI)

(<http://hesni.org/index.php>)

HESNI No upcoming events

American Society of Professional Estimators (ASPE)

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

ASPE No upcoming events

If there are any other organizations that you would like to stay current on, please send me an email and they will be added to the list for our next newsletter. Have a great month!

Brennan Doherty

Chicago Chapter Corresponding Secretary

aspe.chicago.cspsec@gmail.com