Chicago ASPENEWS
Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 49, No. 3
October 2017

Chicago Chapter General Meeting
Thursday October 19, 2017

La Villa Restaurant
3632 N. Pulaski Road
Chicago, IL 60641

Plenty of free parking!
Metra: Old Irving Park Station
Blue line: Irving Park Station
then 3 blocks south!

AGENDA
5:30pm  Cocktail Hour sponsored by:
6:30pm  Dinner, ($35 ASPE Members with RSVP/$40 Non-Members and Walk-ins)
7:15pm  Manufacturer Spotlight: TBD
7:30pm  Presentation: Heat Exchanger Selection, Sizing & Applications by Mark Kaulas of Bornquist Inc (0.1 CEUs Available!)

MENU

Appetizers:
• Focascia Bread

Starters:
• Minestrone Soup

Entrées:
• Bowtie Pasta with Tomato and Basil Sauce
• Oven Roasted Potatoes
• Mixed Vegetables
• Italian Sausage with Peppers & Chicaken Siciliana

Dessert:
• Cake Roll

Drinks:
• Soft Drinks, Coffee and Tea

RSVP as soon as possible to Chris Sbarbaro, VP Technical!
◊ Call: 847-316-9220
◊ Email: Chicago.ASPE.RSVP@gmail.com
◊ Go to Chicago.aspe.org and RSVP!

Local chapters are not authorized to speak for the Society
<table>
<thead>
<tr>
<th>Date</th>
<th>Technical Presentation &amp; Manufacturer Spotlight</th>
<th>CEU</th>
<th>Location</th>
</tr>
</thead>
</table>
| 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                                                                 |     | 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 Rain Water Harvesting**  
Speaker: Steve Norbut of Inland Sales Group  
**Mfr Spotlight: TBD**  
**Speaker: Bornquist Inc.**                                                                 | 0.1 | The Berghoff  
[New Venue Location!]  
17 W Adams St  
Chicago, IL 60603 |
| December 14, 2017 | **Chapter Membership Appreciation Booster 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: TBD**  
**Speaker: TBD**                                                                 | 0.1 | Westwood Tavern & Tap  
1385 N. Meacham Rd  
Schaumburg, IL |
| March 15, 2018 | **Presentation Topic: TBD**  
**Speaker: TBD**  
**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 |
| TBD | **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

October Greetings!

What a great Chapter Product Show! The new location at the Plumbers Hall seemed like a good change, and hopefully it was a great experience for you as well. I would like to thank the Product Show Committee for their months of planning and coordination. I would also like to thank our many affiliates for participating in this year's show and for their continued support of the Chicago Chapter. Thanks, also, to our technical presenters and volunteers for their time and expertise. Of course, a special thanks to all of you, the Chicago ASPE members and friends at the Plumbers Hall, for making this year's Product Show a fantastic success!

Moving forward…

Please be sure to join us at our October Chapter Meeting. This will be our first Chapter meeting of the 2017-2018 term, and it will be my pleasure to welcome you all to another exciting year. VP Technical Chris Sbarbaro has come up with some great technical presentations this year so be sure to check out our calendar and website for information on upcoming events. I realize that some of you might be flying out to the ASPE Technical symposium on that day, and I wish you all safe travels to Montreal, eh? (smile).

Sharing some ASPE Society News...

- The Program Guide contains detailed descriptions of the 35+ technical education sessions, speaker bios, daily schedules, information on special events, a hotel map, and everything else you need to know to navigate the 2017 ASPE Technical Symposium. If you haven't registered yet, you still have time to take advantage of our registration options: full Symposium, one-day registrations, and Product Show only. Registration is open at 2017tech.aspe.org

- ASPE is hosting a 1.5-day class at our headquarters near O'Hare Airport in Chicago for those who are planning on taking the 2018 Certified in Plumbing Design (CPD) exam. The registration fee includes a 30-question sample exam and a copy of the updated 2017 CPD Review Manual, and registration is open at aspe.org/cpddreviewclass

- The Alfred Steele Scholarship is open to Student Members of ASPE and the sons/daughters of ASPE Members. To be eligible, you must have a 3.0 GPA or higher and be enrolled in, or plan to attend, an engineering program at a college or university on a full-time basis. The deadline to apply is January 31, 2018. Go to aspe.org/SteeleScholarship for more details.

Continued on next page...
**PRESIDENT’S MESSAGE CONTINUED…**

Okay…back to Chapter new (smile)…

December is also just around the corner, which is when the Chapter has its annual Booster Night event. This year we are looking to repeat upon the successes of last year and have another Casino Night. I couldn’t make it last year, but I’ve heard that it was a blast. If you did go to last year’s event and have suggestions for making it even better, please reach out to me or to VP Affiliate, Darren Rich. Likewise, if you are a manufacturers rep and are interested in becoming a sponsor or are interested in volunteering, please contact Darren Rich at aspe.chicago.vpaff@gmail.com or by phone at 847-875-8659.

As in years past, we will be collecting toys and donating the proceeds of our December 50/50 raffle to the US Marines Toys for Tots program. As indicated on their website, “The mission of the U. S. Marine Corps Reserve Toys for Tots Program is to collect new, unwrapped toys during October, November and December each year, and distribute those toys as Christmas gifts to less fortunate children in the community in which the campaign is conducted”. If you cannot make it to the Casino Night in December, you can also drop off toys at our October and November Chapter meetings.

Until Next Time…

April Ricketts, PE, CPD, LEED AP BD+C  
Chicago Chapter President  
aspe.chicago.president@gmail.com  
312-346-5000

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**VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING**

Thanks to everyone that attended and supported last month’s Product Show. We would appreciate any and all feedback you could offer on the event. Please grab my ear at the upcoming chapter meeting or give me a ring with any feedback you might have.

**2017 Technical Symposium in Montreal**

Please send over your contact info to me if you will be attending the Tech Symposium later this month. We are gathering a contact list for Chicago Members that will be in attendance. No sense being left out on some of the Chicago Chapter festivities!

**2017-2018 Technical Presentations**

We still have the months of March and May open for Technical Presentations if you have a topic you would like to offer.

**2017-2018 Manufacturer’s Spotlight Presentations**

Manufacturer’s spotlight presentations are still available for October, and January through March, as well as May if you are interested. These presentations provide you a chance to showcase your latest and greatest product(s).

**October Technical Presentation Info:**  
**Title of presentation:** Heat Exchanger Selection, Sizing & Applications  
**Description of content:** Presentation covers selection considerations of heat exchangers for domestic water heating, HWR Systems, ASHRAE 90.1 Pre-heating Requirements, and Solar Water Heating systems. The discussion will show how to size a combined HVAC/Domestic Water Heating Plant, along with pumping, piping, storage and control considerations.

**Bio:** Mark Kaulas’ career spans 40 years as a Manufacturers’ Representative designing & selling water heaters, pumping, HWR systems, waste water pumping, waste heat reclamation, rainwater harvesting and solar water heating systems. He is a graduate of the University of Illinois, Champaign, IL. Mark is an active member of the Chicago ASPE Chapter; served on its Board of Directors, and has worked on the Illinois Plumbing Code advisory panel.

Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C  
Chicago Chapter Vice President, Technical  
aspe.chicago.vptech@gmail.com
Product Show… From the ASPE Dias

I have been attending and involved in many ASPE Product Shows over the years. From the crowded rooms of Zum Deutchen Eck to the old days of dinner seatings at the White Eagle to the new venues of the last few years. The thing that has been the same thru all of these years has been the representative agencies and the product lines that have made up the meat of the Product Show. And of course the backbone of these agencies are the people.

That is who I want to tip my hat to and to compliment for their hard work and their excellent representation of their products over the years. Thank you to all the reps that attend the product show and make the day enjoyable. I feel our Chapter and our region of the country is lucky to have such a great group of manufacturer and agency representatives. It is these people who are not only there to show off innovative products but there are also there to discuss their experiences and the wacky things that can happen in the field. There is no substitute for the experience and knowledge of a rep that knows their line. And at our Product Show we have so many great reps with so many years of knowledge and experience. It would be a shame to not come out to the Product Show to take advantage of the knowledge base. That is one of the greatest values of having all of these people in one place… the information/knowledge available and the opportunity for discussion.

Plus, our Chapter is filled with some really good people. I witnessed people sharing tools, lending extension cords, joking and teasing and real friendship, cooperation of competitors and just a great group of people working together to bring the show floor and displays together. The Product Show is there to showcase the products… but I have seen it really show us how great the people are.

Just some observations from a guy who has seen a few of our Product Shows…

Phill Kroll
ASPE Chicago Chapter Product Show Committee Member
Pictures From The Product Show

A special thanks to Bob Dahlmann for his work at the ASPE Command Stage. (Bob D. and Bill B. In this picture represent over 100 years of plumbing experience. Now that is a resource.)

Prize Winners
We do not have pictures of all of them, but here are a few winners and their prizes.

Emily Koussa wins the Amazon Tap from the class attendee raffle!

Continued on next page...
Pictures From The Product Show Continued...

Steve Montgomery wins the raffle drawing for the Amazon Echo Show!

Tom Babcock wins the Drone!
This is actually Sean Allard accepting for Tom Babcock... but I am not sure we should tell people that. See who reads the newsletter and notices...

Continued on next page...
Pictures From The Product Show Continued...

More pictures can be viewed on the ASPE website!
Hello Chicago Chapter ASPE Members:

I want to let all those who did not attend this year’s product show downtown at the Local 130 Plumber’s Union Hall know that you missed out. The set up was great, the food was unbelievably good, and the seminars were quite educational, informative, and decently attended. (I would hope for more attendance next year.) In addition, those who took the tour of the new building were given a treat of plumbing innovation.

The new building has the following cool things fully functioning within – Solar Hot water system (Evacuated Tube system with drain-back), Green Roof, Grey Water System, Rainwater Harvesting, Full testing and training for new fixture set-ups and a solenoid water valve operated by the occupancy sensor. (So if the lights in the room go out, no water will flow) Pretty slick stuff.

Great job to Justin Wroblewski, Mark Nasuta, Jason McDonald, Phill Kroll, Jim Majerowicz from Plumbers 130, all of the vendors and anyone else involved in the set up and running of the show. It was amazing. Next year should be even better.

On the code side of the world, there has been an update to the Illinois Plumbing License Law:

AN ACT concerning safety.

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

Section 5. The Illinois Plumbing License Law is amended by changing Section 35.5 as follows:

(225 ILCS 320/35.5)
Sec. 35.5. Lead in drinking water prevention.

(a) The General Assembly finds that lead has been detected in the drinking water of schools in this State. The General Assembly also finds that infants and young children may suffer adverse health effects and developmental delays as a result of exposure to even low levels of lead. The General Assembly further finds that it is in the best interests of the people of the State to require school districts or chief school administrators, or the designee of the school district or chief school administrator, to test for lead in drinking water in school buildings and provide written notification of the test results. The purpose of this Section is to require (i) school districts or chief school administrators, or the designees of the school districts or chief school administrators, to test for lead in drinking water in school buildings and provide written notification of the test results; and (ii) school districts or chief school administrators, or the designees of the school districts or chief school administrators, to notify the parents and legal guardians of enrolled students of the sampling results from their respective school buildings.

(b) For the purposes of this Section: "Community water system" has the meaning provided in 35 Ill. Adm. Code 611.101. "School building" means any facility or portion thereof that was constructed on or before January 1, 2000 and may be occupied by more than 10 children or students, pre-kindergarten through grade 5, under the control of (a) a school district or (b) a public, private, charter, or nonpublic day or residential educational institution. "Source of potable water" means the point at which non-bottled water that may be ingested by children or used for food preparation exits any tap, faucet, drinking fountain, wash- basin in a classroom occupied by children or students under grade 1, or similar point of use; provided, however, that all (a) bathroom sinks and (b) wash basins used by janitorial staff are excluded from this definition.

Continued on next page...
(c) Each school district or chief school administrator, or the designee of each school district or chief school administrator, shall test each source of potable water in a school building for lead contamination as required in this subsection.

(1) Each school district or chief school administrator, or the designee of each school district or chief school administrator, shall, at a minimum, (a) Collect a first-draw 250-milliliter sample of water, (b) Flush for 30 seconds, and (c) collect a second-draw 250 milliliter sample from each source of potable water located at each corresponding school building; provided, however, that to the extent that multiple sources of potable water utilize the same drain, (i) The foregoing collection protocol is required for one such source of potable water, and (ii) only a first-draw 250 milliliter sample of water is required from the remaining such sources of potable water. The water corresponding to the first-draw 250-milliliter sample from each source of potable water shall have been standing in the plumbing pipes for at least 8 hours, but not more than 18 hours, without any flushing of the source of potable water before sample collection.

(2) Each school district or chief school administrator, or the designee of each school district or chief school administrator, shall arrange to have the samples it collects pursuant to subdivision (1) of this subsection submitted to a laboratory that is certified for the analysis of lead in drinking water in accordance with accreditation requirements developed by a national laboratory accreditation body, such as the National Environmental Laboratory Accreditation Conference (NELAC) Institute (TNI). Samples submitted to laboratories pursuant to this subdivision (2) shall be analyzed for lead using one of the test methods for lead that is described in 40 CFR 141.23(k)(1). Within 7 days after receiving a final analytical result concerning a sample collected pursuant to subdivision (1) of this subsection, the school district or chief school administrator, or a designee of the school district or chief school administrator, that collected the sample shall provide the final analytical result to the Department. submit or cause to be submitted (A) the samples to an Illinois Environmental Protection Agency accredited laboratory for analysis for lead in accordance with the instructions supplied by an Illinois Environmental Protection Agency accredited laboratory and (B) the written sampling results to the Department within 7 business days of receipt of the results.

Read the full section with all of the changes through the following link.
http://www.ilga.gov/legislation/publicacts/100/PDF/100-0103.pdf

The basic change noted above is the procedure on how schools will deal with the water samples collections and where to send to be tested. The Illinois EPA no longer be involved with the testing but the NELAC. With all of the concerns of public safety, especially after Flint, MI, and the CPS school lead findings, we need to be aware and open with these testing agencies to insure that public health remains at the forefront of our designs.

Thank You,

Scott Jagodzinski, CPD, GPD
Chicago Chapter Vice President, Legislative
aspe.chicago.vpl@gmail.com
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at jeff.gallagher@viega.us  
224.407.3813  
www.viega.us

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We will be holding 2 sessions for each class, with lunch in between for all.

Please ask for a formal copy or send an email to Tom Berg – tberg@bornquist.com

Wednesday October 25, 2017

Metropolitan Club
66th Floor
Willis Tower

Session Times are as follows. I will be attending the following session:

<table>
<thead>
<tr>
<th>Domestic Water Heating</th>
<th>9:00 AM – NOON</th>
<th>1:00 PM – 4:00 PM</th>
</tr>
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<tbody>
<tr>
<td>Condensing Boiler Systems</td>
<td>9:00 AM – NOON</td>
<td>1:00 PM – 4:00 PM</td>
</tr>
</tbody>
</table>

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TOTO CHICAGO GALLERY
500 N. Wells St.
Chicago, IL 60654
312-661-0876
Our ASPE year is moving into full swing. We have jumped from the Chicago ASPE Product Show to a big month in October. Our first monthly meeting kicks off October 19th and the ASPE National Symposium is October 19th-22nd if you wish to attend.

Please provide feedback to any board members or colleagues attending if you have input for local or national ideas.

I'd like to thank Andrew Wenri for joining as a new member. We greatly value your support and look forward to helping with your career.

Thank you,

Chris Wisinski
Chicago Chapter Vice President, Membership
ASPE.Chicago.VPM@gmail.com

As we start another year for ASPE Chicago meeting I think we hit it off rather well with our Product Show at the Local 130 Plumbers Hall and we have some happy members that were able to walk away with some pretty cool gifts:

- Emily Koussa wins the Amazon Tap from the class attendee raffle
- Steve Montgomery wins the raffle drawing for the Amazon Echo
- Tom Babcock wins the Drone

I’ll see you at the next meeting on October 19th at La Villa Restaurant at 3632 N Pulaski Rd., Chicago, IL.

Thank you and have a great Day

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Badges</td>
<td>$15</td>
</tr>
<tr>
<td>Shipping (optional)</td>
<td>$5</td>
</tr>
</tbody>
</table>

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!
Greetings Affiliates! I am pleased to announce that we will have an advertisement page (front and back) in the monthly newsletter. As you know, this newsletter goes out to the customers you want to target!

Ad space is as follows:

- Qty 1 of a 1/2 page ad : $150.00
- Qty 4 of a 1/4 page ad : $100.00
- Qty 4 of a 1/8 page ad : $50.00

Please note that depending on the amount of requests and the size ads requested, the size of the ads can change. For example if I have only 4 people for a month and they all want ½ page ads, we will do that. The goal is to fill up the 2 pages (front and back). **These opportunities are First come, First Served!**

When submitting a request for Ad space, please let me know the following:

- If you are requesting the ½ page ad but it is already taken, do you want a ¼ page ad?
- If you requested a ¼ page ad and they are all taken, do you want an 1/8th page ad?
- If you request add Space and it is taken, do you want to be put in line for the following month(s)

Second, you will soon be receiving an email from me regarding Booster night (Casino Night) which is only a couple months away!! As usual we look to make this a very successful and fun event. We could not make it possible without the much appreciated support of all the Affiliates, their companies and the manufacturers. We will be looking for Bar Sponsors, Game Sponsors, etc. We are finalizing the details but if you wish to support this event as you have In years past, please let me know.

Thank you for all you do for the Chicago ASPE Chapter and keep in mind, if there is anything you would like to have brought up in front of the board, do not hesitate to bring it to my attention. Remember when you are out there talking to Engineers… please encourage new members to join!

Darren Rich  
Chicago Chapter Vice President, Affiliate  
P# 847.875.8659 aspe.chicago.vpaff@gmail.com

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Greeting ASPE Members,

I would like to thank those that attended the 45th Chicago ASPE product show this year. We had a good turn out this year and I received a lot of positive feedback from vendors. I hope everyone received good foot traffic at their booths this year since attendance was up from the previous year.

I want to give a huge thanks to the committee that helped in the planning effort this year, this was not an easy task considering the change in venue, but I feel that we have a good idea of how to proceed in the years to come if we keep the show at the Local 130 union hall. We learned some valuable lesson this year through the planning process and have documented for the years to come.

I am excited to attend Technical Symposium October 19th-22nd, and I look forward to learning some beneficial leadership skills at the AYP Leadership Academy.

Thank you,

Justin Wroblewski, CPDT  
Chicago Chapter AYP Liaison / Product Show Chairman  
aspe.chicago.ayp@gmail.com / aspe.chicago.pschairman@gmail.com
I hope everyone has had a great start to their October, and most importantly your respective College/Pro Football teams are on their way to the playoffs, and if the Bears don’t have a winning record by the time this prints, your local High School team is bringing you home some pride! Enjoy the Halloween season and the events around the community that it brings; Please see the list below of events that would also benefit fellow ASPE members in the coming months:

Please see the following events below:

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

**ASSE Monthly Chicago Meeting**
- **Date:** Oct 10th
- **Time:** 11:30AM
- **Location:** Cucina Biagio: 7309 W. Lawrence Avenue in Harwood Heights, IL
- **Details:** (http://chicago.asse.org/chapter-technical-meetings/)

**ASSE Annual Meeting**
- **Date:** Nov 7th – Nov 10th
- **Location:** San Antonio, TX
- **Details:** (http://www.assemeeting.org/register/)

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

**ASHRAE Monthly Meeting**
- **Date:** Oct 10th
- **Time:** 5:30PM – 8:30PM
- **Location:** Kaiser Tiger Bar & Grill: 1415 W. Randolph St. Chicago, IL 60601
- **Details:** (http://illinoisashrae.org/calendar.php)

**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 Monthly Meeting**
- **Date:** Oct 10th
- **Time:** 6:00PM – 8:30PM
- **Location:** Harry Caray Lombard: 70 Yorktown Shopping Center, Lombard, IL 60148
- **Details:** (https://www.calendarwiz.com/calendars/popup.php?op=view&id=110665981&crd=pic)

**Continuing Education Class**
- **Dates:** Oct 11th
- **Times:** 5:00PM – 9:00PM
- **Location:** Chicago Local 130: 1340 W Washington Blvd, Chicago, IL 60607
- **Details:** (https://www.calendarwiz.com/calendars/popup.php?op=view&id=114330419&crd=pic)

**Continuing Education Class**
- **Dates:** Nov 7th
- **Times:** 5:00PM – 9:00PM
- **Location:** Volo Local 130: 31855 US-12, Round Lake, IL 60073
- **Details:** (https://www.calendarwiz.com/calendars/popup.php?op=view&id=114330494&crd=pic)

Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)
(www.ilphcc.com)

**PHCC Connect Annual Conference**
- **Date:** Oct 3rd – Oct 6th
- **Location:** Wisconsin Center: Milwaukee, Wisconsin
- **Details:** (http://www.phccweb.org/EducationEvents/connectinner.cfm?ItemNumber=6714&navItemNumber=10136)

**Continuing Education Class**
- **Dates:** Oct 13th
- **Times:** 1:00PM – 5:00PM
- **Location:** Northfield Inn & Suites: 3280 Northfield Drive Springfield, IL 62702
- **Cost:** $50
- **Details:** http://www.ilphcc.com/continuing-education

**Continuing Education Class**
- **Dates:** Nov 15th
- **Times:** 5:00PM – 9:00PM
- **Location:** Joliet Local 130: 2114 Frontage Rd, Joliet, IL 60436
- **Details:** (https://www.calendarwiz.com/calendars/popup.php?op=view&id=114330534&crd=pic)

**Continuing Education Class**
- **Dates:** Nov 15th
- **Times:** 5:00PM – 9:00PM
- **Location:** Chicago Local 130: 1340 W Washington Blvd, Chicago, IL 60607
- **Details:** (https://www.calendarwiz.com/calendars/popup.php?op=view&id=114330534&crd=pic)
CORRESPONDING SECRETARY: INDUSTRY NEWS CONTINUED...

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

Illinois Rural Water Association (IRWA)  
(www.irwa.org)

IRWA 13th Annual Northern Conference  
Date: Oct 24th – Oct 25th  
Location: Giovanni's Banquet Convention Center: 610 Bell School Road Rockford, IL 61107  
Details: (http://www.irwa.org/N%20Conf.html )

National Rural Water Association (NRWA)  
(www.nrwa.org)

Rural Water Rally  
Date: Feb 4th – 7th  
Location: Washington DC  
Details: (https://nrwa.org/about-us/future-nrwa-events/)  

American Water Works Association (AWWA) – Illinois Section  
(www.isawwa.org)

Water Infrastructure Conference  
Dates: Oct 30th – Nov 2nd  
Location: Westin Galleria: 5060 West Alabama Houston, Texas 77056  
Details: (https://www.awwa.org/conferences-education/conferences/water-infrastructure.aspx)  

Healthcare Engineers Society of Northern Illinois (HESNI)  
(www.hesni.org/index.php)

Quarterly Meeting  
Dates: Nov 20th  
Time: 4:00PM  
Location: Amara Conference Center: 2300 Warrenville Road Downers Grove, IL 60515  
Details: (hesni.org/calendar.php)

Water Environment Federation (WEF) Illinois Chapter  
(www.iweasite.org/)

WEFTEC Annual Conference  
Dates: Sept 30th – Oct 4th  
Location: McCormick Place: 2301 S King Dr, Chicago, IL 60616  
Details: (http://www.weftec.org)

American Society of Professional Estimators (ASPE)  
(www.aspechicago.org/)

No Events in Immediate Future  

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

No Events in Immediate Future  

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  
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