



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
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April, 2016

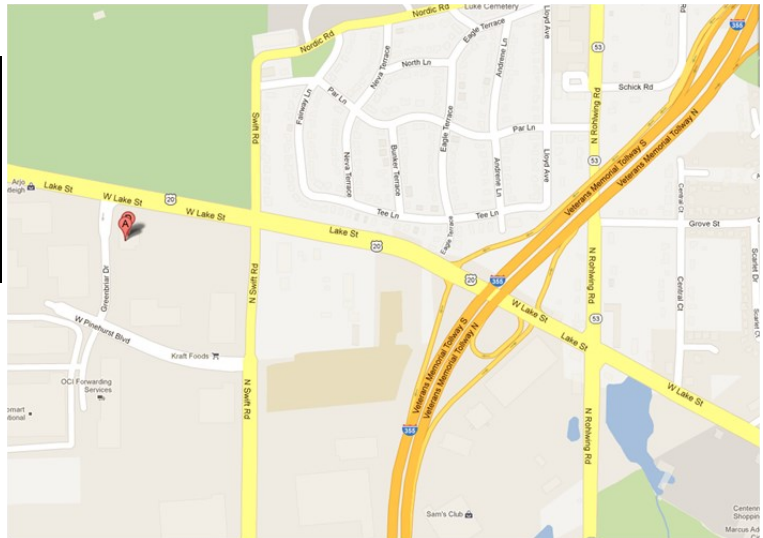


Chicago Chapter General Meeting Thursday April 21, 2016



**Venuti's Ristorante
And Banquets**
2251 W. Lake Street
Addison, IL 60101

Plenty of free parking!



AGENDA

- 5:30pm Cocktail Hour sponsored by: **SPEAKMAN®**
- 6:30pm Dinner, (\$35 ASPE Members with RSVP/\$40 Non-Members and Walk-ins)
- 7:15pm **Manufacturer Spotlight: SPEAKMAN®**
Speakman's Optimus eyewash/ face wash system & Eye saver eyewash faucet line.
- 7:30pm **Presentation:**
Emergency Fixtures by Imants Stiebris with Speakman (0.1 CEUs Available!):
- Laws, Codes & Standards that affect the use of Emergency showers & Eyewashes
 - Applications for Shower & Eyewashes
 - Product types to provide solutions for most applications

RSVP as soon as possible to April Ricketts, VP Technical!

- ◇ Call: 312-346-5000
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

Appetizers:

- Creamy Tomato Soup
- Caesar Salad

Dinner:

- Plated Chicken Breast
Madaglione
- Sauteed Vegetable Medley
- Grilled Mashed Potatoes

Dessert:

- Chocolate Mousse with Caramel Sauce

Local chapters are not authorized to speak for the Society



Chicago ASPENews



2015-2016 Preliminary ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
September 16, 2015	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 1 thru October 4, 2015	ASPE Technical Symposium, St. Louis, MO.		Hyatt Regency, St. Louis, Mo.
October 15, 2015	Presentation Topic: Thermoplastic Piping Systems by Dianna Molicone with IPEX Mfr Spotlight by Added Sales: High Performance with Low Flow Shower Technology	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
November 19, 2015	Presentation Topic: System Efficiency Tanks (Buffer Tanks) by Mark Kaulas with Bornquist Mfr Spotlight by Viega: MegaPress Fitting Technology	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
December 17, 2015	Chapter Membership Appreciation Booster and Game Night	N/A	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 21, 2016	Lab Design: RO/DI High Purity Water and pH Neutralization Systems by Mark Girgenti with Burt Process Equipment Mfr Spotlight by Kast Marketing. Topic: Ultraflow Systems	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
February 18, 2016	Presentation Topic: Commercial High Purity Water Systems by Brian Soderholm with Water Control Mfr Spotlight by Pentair	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 17, 2016	Presentation Topic: Roof Drainage Business Rethought by Craig Froeter with Froet Industries Mfr Spotlight by Bornquist	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 21, 2016	Presentation Topic: Emergency Fixtures by Speakman Mfr Spotlight by Speakman	0.1	Venuti's 2251 W. Lake Street Addison, IL
May 19, 2016	Presentation Topic: Mixing Valves by Brian Yelton with Inland Sales Mfr Spotlight by Deery Pardue	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 3 thru June 5, 2016	ASPE Region V President's Meeting Hosted by the ASPE Chicago Chapter (Chapter Board Members Event)	N/A	TBD
June 17, 2016	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

Chapter members,

April is finally here! Spring has sprung and that means that April brings new members. Bring in a new member and receive a free dinner! Bring in a co-worker and join him or her up. There is no better way to meet your peers and gain valuable information just by collaborating.

RECAP FROM LAST MONTHS MEETING

I would like to give a Big Thank you to Mark Kaulas and Chris Wisinski with their manufacturers spotlight presentation and a great impersonation of "Dean Martin and Jerry Lewis"! The main presentation from Craig Froeter with Froet Industries, LLC was very insightful and touched on roof design and the proper and in proper installation of roof drains along with several examples and code references. Both presentations were excellent.

Thanks again to all who attended!

Remember to RSVP to this month's meeting ASAP!! Your immediate response is greatly appreciated!

CONVENTION DELEGATES

We are accepting applications for the upcoming 2016 ASPE National Convention in October. Applicants can submit a letter (2 or 3 paragraphs long) to April Ricketts or myself.

Email addresses are as follows:

aspe.chicago.president@gmail.com

ASPE.Chicago.VPTech@gmail.com

Each applicant letter shall include a reason and the importance for why they would like to be considered for attending.

The deadline for consideration of all applicants is Sunday May 8th (Mother's Day). Do not forget MOM and your letter! Letters will not be considered after the deadline date.

CHICAGO CHAPTER BADGES

Anyone who would be interested in purchasing the new ASPE badges, a sign-up sheet will be at the sign-in table at this month's meeting.

NFPA CODE UPDATE

For those members who are unaware NFPA made some significant changes from the 2013 code to the 2016 code for the installation of sprinklers that I will touch on very briefly.

They have added new verbiage for cloud ceilings and concealed spaces along with classifications of commodities.

1. 3.3.5.1 Definition of cloud ceiling
2. 8.15.1.2.1.2 Openings in Concealed spaces
3. 8.15.24 Cloud Ceiling Rules
4. 11.2.3.2.2.1 Area Reduction for Use of Quick Response Sprinklers
5. Exposed Expanded Plastics Stored on Racks – Two new sections added to chapter 17 section 17.2.3.5 to cover storage 25 ft. in height or less and section 17.3.3.5 to cover storage over 25 ft. in height. The sections discuss ESFR protection.

Continued on next page...

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FACEBOOK

<http://www.facebook.com/iau.chicagochapter>

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

LINKEDIN

[www.linkedin.com/groups?
home=&qid=2393408](http://www.linkedin.com/groups?home=&qid=2393408)

PRESIDENT'S MESSAGE CONTINUED...

6. Commodity Classifications

1. 5.6.3.3 Class III

- a) Definition of a class III commodity has changed regarding the amount of plastic that could affect the amount of weight and volume of the items, which could determine the commodity being categorized into a higher classification.

2. 5.6.3.4 Class IV

- a) Table A.5.6.1.1 Guide to Identifying Commodities- New table has been introduced in the annex
- b) Table A.5.6.3 Alphabetical Listing of Commodities – the table has been expanded and corrected on the impact of how today's commodities burn
- c) Table A.5.6 Commodities not addressed – Indicates the and the expanded items or commodities that are not classified as class I-IV Group A Plastics.

The above-mentioned criteria is just an outline to the many changes that have occurred in the update of the new 2016 NFPA 13 code.

REPRESENTATIVE LINE CARDS AND MEMBER UPDATE CONTACT INFO

The chapter would like your help in finalizing the membership list by sending in your current contact information that you would like to see in the listing. In addition, we are asking manufacturer reps to please send Chris Sbarbaro their current product line cards so we can provide that information as well. We will be sending out the membership list in the very near future. For all members your cooperation will make this a smoother process. Thanks again for your continued support!

FEED MY STARVING CHILDREN EVENT

Several ASPE Chicago members along with their significant others had the pleasure of attending our first Feed My Starving Children event on Saturday March 5th in Aurora, Illinois. What a great way to help less privileged people than ourselves. The members who attended had a positive feedback and indicated that they would participate again and donate their time to help those less fortunate. More participation in our events would show to our surrounding communities that ASPE is a positive contributor to them.

2016 ASPE CONVENTION & EXPO!

The website for ASPE's 2016 Convention & Expo, which is being held October 28-November 2, is now available at aspe.org/expo and contains tons of information to help you start planning your trip to Phoenix, including registration hours, fees, and information on special events and the famous Sunday night party. Registration will open in May, and more information will be posted as it becomes available.

ASPE launches the Women of ASPE webpage

At aspe.org/woa you can learn all about our new special-interest group, including contact information for the chair and committee members, the 2016 plan of action, membership statistics, current activities, and information on how to get involved

Earn your CPDT designation this fall

The next Certified in Plumbing Design Technician (CPDT) exam will be held at testing sites across the country on October 6 and 7, 2016. Intended as a precursor to the Certified Plumbing Design (CPD) designation, the CPDT recognizes plumbing designers with exceptional skills at the beginning of their careers. More information about the program and eligibility can be found at aspe.org/CPDT.

The board is looking forward to some new, innovating, and exciting presentations for the 2016 product show September. Any interested manufacturers reps looking to present a topic at next year's product show please contact April Ricketts by email at the following address: rickettsa@cdmsmith.com

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PRESIDENT'S MESSAGE CONTINUED...

We would like to incorporate (2) two classes that are certified by the state of Illinois for plumbers to help them receive state accreditation to maintain their plumbing licenses. The state presentation will need to be reviewed by the state for approval prior to the show. The process for applying for state approved classes/presentations takes a considerably long time to get approval and should be considered when applying for your presentation. Submission of your presentation should be considered by the end of April.

Next Product show meeting will take place April 28th at 6:00pm located at:

Deery-Pardues Office
1000 Industrial Dr., Ste 2a
Bensenville, IL 60106

Thank you,

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



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

April Greetings...from April,

Thanks to all of you who turned out for our March presentation on Roof Drains. It was a very educational meeting, which covered just about everything you could have thought of related to roof drain design. The slides from the March meeting are also posted to the Chapter website, for folks who were not able to attend. Of course, we missed you party animals who were out celebrating the St. Patrick's day...but our ASPE party still ruled the school (smile).

Our April meeting's Manufacturer Spotlight and Main presentations will both be done by the Speakman Company. Speakman will be sponsoring the Cocktail Hour, so be sure to thank them as you enjoy some free brews and soda pops with your engineering buddies.

The manufacturer spotlight will focus on Speakman's Optimus eyewash/face wash system and their Eyesaver eyewash/faucet line. Our main presenter will be Imants Stiebris with Speakman, and he will be speaking on Emergency Fixtures, which will be worth 0.1 CEU. The presentation will focus:

- Laws Codes & Standards that affect the use of Emergency Showers & Eyewashes
- Applications for Showers & Eyewashes
- Product types to provide solutions for most applications

Here is his bio:

Imants Stiebris is the Vice President of Safety Sales for the Speakman Company, a 145 year old family owned business. Stiebris is the chairman of the International Safety Equipment Association's ANSI/ISEA Z358.1 Shower & Eyewash Product Group. The ISEA is the ANSI secretariat for the ANSI Z358.1 Standard Showers & Eyewashes and is responsible for it's development, maintenance and publication. Imants has a BS from the University of Delaware and an MBA from the University of Connecticut and lives in Newark, Delaware with his wife Kathleen and daughters Christina & Amanda. Pastimes include boating, skiing, wakeboarding and scuba diving.

Until Next Time...

April Ricketts, PE, CPD, LEED AP BD+C
Chicago Chapter Vice President Technical
ASPE.Chicago.VPTech@gmail.com
312-346-5000



Manufacturer Spotlight



*This month we would
like to thank:*

SPEAKMAN®

Thank you for your support!



VICE PRESIDENT, LEGISLATIVE

Happy Spring Break time Chicago Chapter.

The new 2016 NFPA 13 is being published. It can be found at:

<http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=13>

More approved amendments to the 2014 State of Illinois Plumbing code here are a few that became effective in the month of February 2016

Village of Plainfield

Ordinance Number 0216-815-0005:

All new water services shall be copper type K, and 1" diameter minimum.

Type M copper piping is not allowed for any potable water piping distribution system, underground, or overhead.

Full port valves are required on each side of the water meter, a drain down valve shall be also installed before the second valve of the water service meter valve assembly.

Ordinance Number 0216-815-0006

Storm drainage from roof, paved areas, courts, and subsoil from or adjacent buildings shall be connected to storm sewer, (if available). Subsoil drains on the same lot shall be connected to the Sanitary sewer system within the lot lines.

Ordinance Number 0216-815-0007

All basements or building structures below grade at foundation shall be pumped up to an overhead drainage system.

Ordinance Number 0216-815-0009

All Grease interceptors for Restaurants shall be installed outside and made of non porous materials.

Ordinance Number 0216-815-0010

All new Plumbing Fixtures and irrigation controllers installed after Feb 11 2016 shall bear the "WaterSense" label.

Village of Roselle

Ordinance Number 0116-630-0039

All new Plumbing Fixtures and irrigation controllers installed after Feb 03 2016 shall bear the "WaterSense" label.

Village of Burr Ridge

Ordinance Number 0216-815-0007

After August 1 1990, all new buildings, or building additions, having basements or building structures below grade at foundation shall have overhead drainage system to connect to sanitary sewer facilities. No occupancy permit shall be issued for any building, or addition commenced subsequent to August 1 1990.

(This is kind of weird, therefore If you have a building at this village built within this period and the building basement goes out by gravity contact their local officials to clarify if the drainage needs to be redirected. You can contact darah.dunlap@illinois.gov or call 217 785 2065.

Enjoy this wonderful weather!

Thank You,

J. Francisco DeHoyos,

Chicago Chapter Vice President, Legislative

ASPE Region 5 Liaison,

ASPE Society Education committee Chairman.

aspe.chicago.vpl@gmail.com

CHICAGO ASPE MEMBERS VOLUNTEER @ FMSC!



A big THANK YOU goes out to the Chicago ASPE members that took time out of their busy schedule to volunteer at the Feed My Starving Children packing facility in Aurora, IL on Saturday, March 5th! We started out with a pre-charity dinner before making our way to the FMSC packing facility. That evening we were tasked with packaging meals for children 7 to 12 months old who are in desperate need in Kenya. This was an extremely rewarding experience where in as little as 2 hours we were able to pack enough meals to feed thousands of children in need. Stay tuned for future Chicago ASPE volunteer events like this!!



"It was a very good experience to interact in a different level that did not involve plumbing. Besides being in the world of water, we have this other side, where with just a couple of hours we helped bring hope and a smile to more than one child on the other side of the ocean. We should do it more often!!"

Francisco De Hoyos

"It was a pleasure to spend time with my friends from ASPE while also giving a little back to the community. I believe our community that night was Kenya? So often, we give blindly (it's easier to give money than it is to give your time). Not only did we have a chance to help others (babies as the case was), we had fun while working. I'm so glad my wife and I went and we both look forward to the next time. "

Jason S.A. McDonald





VICE PRESIDENT, MEMBERSHIP

Thanks to all members/affiliates that updated their contact info at aspe.org last month. We had a total of 62 out of our 288 (21%) update their contact info. There is still time to update your contact info, as I intend to reach out to the individuals who are missing info this month in hopes to publish an updated Chicago Chapter Membership List in April.

As of May 11, 2015 we are at a total National membership of 5,900; our lowest total membership going back to 2009 when we were at 6,823. This represents a 13% drop in overall membership from 2009. Your board members are always willing to hear suggestions on how to make the chapter better. **We are currently seeking topics you would like to hear at upcoming product show and are interested in YOUR ideas/requests.** Please contact me at the email below for anything you would like to suggest.

I would like to welcome the Chicago ASPE Chapter's Newest Members:

- Michael Fragleasso of Hilti
- Jim Graves of Acorn

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 have officially entered Spring and are headed full speed towards Summer. It's finally time to put the winter jackets away and pull out the sun screen.

Our March meeting was at La Villa and we had over 42 attendees at the meeting with a great main presentation on the do's and don'ts of roof drains. And who can forget the manufacturer spotlight on Bock gas and electric water heaters and storage tanks presented by SHOW ME THE MONEY Bornquest Inc. The 50/50 RAFFLE for March was Surge for Water; which received \$90.00 and Joe Prichard won \$90.00. RSVP DINNER RAFFLE is David DeBord.

Thank you for reading the articles and I hope to see you at Venuti's 2251 W. Lake Street Addison, IL on Thursday April 21st!

Thank you,

David Erickson-

Chicago Chapter Administrative Secretary

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



AYP LIAISON

Spring has sprung! With the weather attempting to warm up and new flowers popping up through the ground, there is a sense of motivation and inspiration in the air. The AYP group is jumping on that motivation bandwagon with some fun stuff planned. The first bandwagon fun stop is a suburban happy hour at the Blue Nose Brewery (6119 East Ave., Hodgkins, IL) on April 28, 2016. Swing by after work starting around 5:30 pm, grab a beer, and mingle. The next stop on the inspirational bandwagon is a net zero presentation in May, those details will be unveiled as they are finalized. Finally, the summer tour will make a stop at the Arlington International Racecourse in June or July.

All of these events are excellent ways to meet other professionals in the industry as well as meet your soul mentor. ASPE recently began a mentor program as a way to encourage and learn from each other. I highly recommend joining the program as a mentor or a mentee. Mentorship does not have to be time consuming, but it is nice to have someone to bounce ideas off as well as share experiences.

We hope to see some enthusiastic faces in the upcoming months!

Emily Koussa

Chicago Chapter AYP Liaison

ASPE.Chicago.AYP@gmail.com



CORRESPONDING SECRETARY: INDUSTRY NEWS

April is finally here. That means rain, and rain and more rain. But ASPE is here for you. We have another great meeting coming up. This month it is in Addison and we are covering emergency fixtures. Should be exciting.

Unfortunately due to conditions beyond my control I will have to miss my monthly association history.

American Society of Plumbing Engineers (ASPE)

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

ASPE Chicago Monthly Meeting

Date: Thursday, April 21 – 5:30 PM

Location: Venuti's 2251 W Lake Street.

Addison, IL

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

American Society of Sanitary Engineering (ASSE)

(<http://www.asse-plumbing.org/index.html>)

2016 Mid-Year ASSE Monthly Meeting

Date: April 7-April 9

Location: ASSE International Office

18927 Hickory Creek Drive, Suite 220; Mokena, IL 60448

Details: <http://www.asse-plumbing.org/midyear2016.html>

National Fire Protection Association (NFPA)

(www.nfpa.org)

NFPA training throughout the US:

Details: <http://www.nfpa.org/training/events%20calendar.aspx>

NFPA FREE Webinar:

Hazard Assessment of Lithium Battery Energy Storage Systems

Date: Tuesday, April 19, 2016 – 12:30 – 2:00 PM (EST)

Cost: Free

Details: <http://catalogauthor.nfpa.govpi.net/Hazard-Assessment-of-Lithium-Ion-Battery-Energy-Storage-Systems-Webinar-P16383.aspx>

American Society of Professional Estimators (ASPE)

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

ASPE Monthly Meeting

Date: Thursday, April 21 – 5:30 PM

Location: Not Published at time of posting

Details: http://events.r20.constantcontact.com/register/event?jsessionid=E9882EFF22E3A4AE9BDB110CBF49A4B6.worker_registrant?llr=djdy9orab&oeidk=a07eccxhub3bb4b8063

USGBC - Illinois Chapter (LEED)

(<http://www.usgbc-illinois.org/>)

2016 Illinois Healthy & High Performing Schools Symposium

Date: Friday March 8, 2016, 8 AM – 2:30 PM

Location: Gwendolyn Brooks College Preparatory Academy, 250 East 111th Street, Chicago, IL 60628

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

CORRESPONDING SECRETARY: INDUSTRY NEWS CONTINUED...

Society of Fire Protection Engineers (SFPE)

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

SFPE Chicago Monthly Meeting (Breakfast)

Subject: Consequence Models - Storage Tank Applications

Date: Monday April 11, 2016, 8-9 AM

Location: Egg Harbor Cafe 140 N. Robert T Palmer Drive
Elmhurst, IL 60126

Details: <http://www.chicagosfpe.org/event/monthly-meeting-breakfast-consequence-models-storage-tank-applications/>

IFT is now offering courses in Fire Protection Engineering

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

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

ASHRAE Spring Conference

Date: Saturday, April 16, 2016 at 06:00 PM

Location: Allstate Arena, Rosemont, IL

Details: <http://www.ifpanet.org/CalendarEvent.aspx?ID=94&PBD=4/1/2016>

Illinois Chapter of ASHRAE

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

ASHRAE Monthly Meeting

Subject: ASHRAE Standard 90.1 Updates

Dates: April 12, 2016, 5:30 PM

Location: TBD

Details: <http://illinoisashrae.org/calendar.php>

Refrigeration Service Engineer's Society (RSES)

(www.rses.net)

RSES Monthly Meeting

Date: 2nd Tuesday of Every Month: 7:00 PM

Location: Call 1 (800) 870-3635 for details.

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

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

{UPDATE} *****

PAMCANI – UPDATE PAMCAMI 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://www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA>

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

PCA (Plumbing Contractors Association of Chicago and Cook County)

PCA Monthly Meeting

Date: Tuesday April 12, 2016, 6:00 PM

Location: Doubletree Hotel by Hilton in Mundelein, IL

Details: <http://www.plumbingcouncil.org/pca>

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

(www.ilphcc.com)

Continuing Education Class

Dates: Friday April 22, 2016

Location: Heartland Community College Main Campus, Normal, Illinois

Details: <https://ilphcc.memberclicks.net/events>

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

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

IRWA Monthly Water Training Sessions

Subject: Line Stopping & Coating & Corrosion

Date: April 7, 2016

Location: Vandalia, IL

Cost: Free

Details: <http://www.ilrwa.org/Training/watertraining.html>

American Water Works Association (AWWA) – Illinois Section

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

Multiple Items Listed on Event Calendar

Dates: April, 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/106998/4th-quarter-newsletter.pdf>