



Chicago ASPENEWS



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 46, No. 9
April, 2015



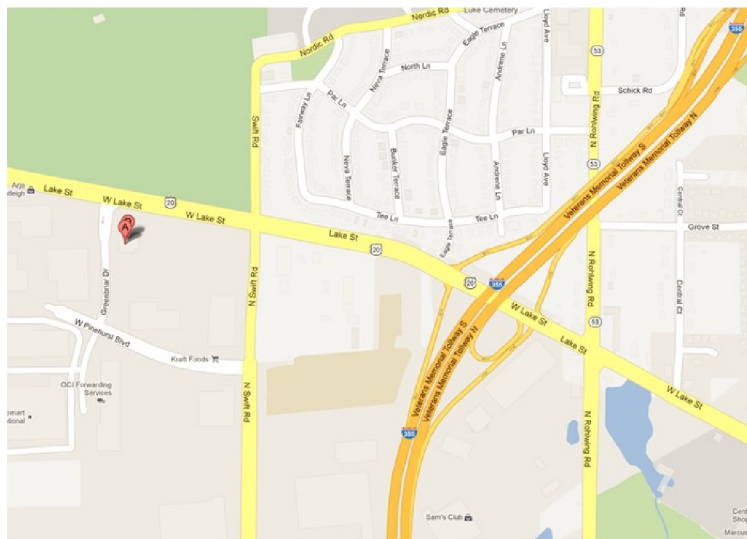
Chicago Chapter General Meeting Thursday April 16, 2015



Venuti's Ristorante And Banquets

2251 W. Lake Street
Addison, IL 60101

Free Parking Available!



AGENDA

5:30pm Cocktail Hour: Call Liquor, Beer & Wine

6:30pm Dinner, (\$35 ASPE Members with RSVP/\$40 Non-Members and Walk-ins)

7:15pm **Manufacturer Spotlight:**
MOEN



7:30pm Presentation – “Alternate Materials for Pipe and Fittings, and Effects to the Illinois Code” by: Uponor

RSVP as soon as possible to Mark Mannarelli, VP Technical!

- ◇ Return the enclosed card for those of you getting this via U.S. Mail.
- ◇ Call: 312.771.4057
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

Soup

- Creamy tomato basil soup

Salad

- Caesar salad

Main Course

- Stuffed Chicken Breast Medaglione
- Sautéed vegetables
- Garlic Mashed Potatoes

Desert

- Chocolate Mousse with Carmel Sauce

Drinks

- Coffee, tea, soft drinks

Local chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

Come on Spring! Hopefully by the time you read this it will be above freezing.

March Meeting Recap:

The Manufacturer Spotlight was held by Holby Valve and Bornquist. Where can you go to an industry meeting and get free cash just by answering a question? Well that is what happened at our March meeting free cash \$\$ handed out by Mr. Kaulas.

The main presentation was on Water Softeners by Steve LaMere of Marlo Inc., Steve knew his stuff when it came to water treatment, everyone walked away with good information.

Of course the Corned beef and cabbage was excellent. Did anyone try the Horseradish sauce? My sinuses are still as clear as a bell, man that was potent!

April Meeting:

The April meeting will be held at Venuti's in Addison. Read on for further details. Come to the meeting and you will receive great information, great conversation and this beautiful, one of a kind ASPE pin! The pin will only be available at chapter meetings and events.



ASPE Chicago Product Show - September 2015

We are getting very close on the selection of our new venue and finalizing the date. Since we did not have a local show in 2014, this WILL be a great show and we need your support attending and getting the word out to ALL people in the plumbing industry. Again, if you would like to get involved in the product show please contact Mark Natusa – Product Show Chairman @ mnasuta@deery-pardue.com. We are still looking for interesting Seminars that would be attractive to engineers and contractors too.

ELECTIONS:

An announcement was made at the dinner meeting stating that the deadline for interesting people who would like to run for a position on the Chapter board is March 31; we have extended this date to May 1, 2015. Elections take place at our May meeting.

Positions and Candidates as of April 1st 2015:

- President – Mark Mannarelli
- Vice President Technical – April Ricketts
- Vice President Legislative – J. Francisco DeHoyos
- Vice President Membership – Chris Sbarbaro
- Vice President Education – “OPEN”
- Vice President Affiliate – Matt Pardue, Darren Rich
- Treasurer - Sean Allard
- Administrative Secretary – David Erickson
- Corresponding Secretary – Scott Jagodzinski

Continued on next page...

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mnasuta@deery-pardue.com

ASPE CHICAGO JOBS PROGRAM COORDINATOR

TBD

GOLF OUTING CHAIRMAN

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

FACEBOOK

<http://www.facebook.com/lauchicagochapter>

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

LINKEDIN

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

PRESIDENT'S MESSAGE CONTINUED...

If you would like to find out what that position is all about you can contact the current Officer in that position, or contact myself rbutler@lochinvar.com or call me @ 815-477-9983 I would be glad to discuss any of the positions with you. The drop dead date for being on the ballot is May 1st, 2015.

Our bylaws state that all positions are open to any member in good standing. Please help us fill the "OPEN" positions.

GOLF OUTING: June 19th is the date! Steve Triphahn has sent out the sign up sheets to the affiliates; if you did not receive one please let us know.



ASPE Family Picnic – don't forget this summer we will be having another great picnic, if you would like to volunteer, or have any great ideas for the picnic, contact our Picnic Chairman – John Nieman

Enjoy reading the rest of the newsletter!

Rick Butler, President

rbutler@lochinvar.com; 224 238.8515



Manufacturer Spotlight



***This month we would
like to thank:***



Thank you for your support!



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

We are accepting Manufacturer's Spotlight presentations for next year. October has already been reserved.

The product show this year will be on September 16th. It is the third Wednesday not the third Thursday as in years past. The product show will be at a new venue that will bring a brighter atmosphere to our members and non-members as well.

Mark Nasuta is our new product show chairman and is doing a great job with the help of our past product show chairman Phill Kroll and several members of the current board. It will be a great show and the board is very excited about the new change. Marks email address is mnasuta@Deery-Pardue.com

The product show will be accepting booth participants soon, so please think about the upcoming show in September.

March's Meeting Recap

Thanks to Steve LaMere with Marlo Incorporated for last month's presentation on "Water Softeners: Sizing and Configurations", Chris Wisinski and Mark Kaulus for the Manufacturer's Spotlight Presentation on HOLBY mixing valves.

Also a big thanks to Theresa Allen for all her hard work as newsletter editor and devoted time heading up the Chicago chapter AYP the past few years. We couldn't have done it without her.

Also I would like to thank Jeff Gallagher and Emily Smith for stepping up to fill Theresa's shoes.

April's Meeting

The Manufacturer's Spotlight presentation this month is by Moen, Inc.

This month's meeting presentation will be on "*Alternate Materials for Pipe and Fittings, and Effects to the Illinois Code*" by Mike Rivers with Uponor. Mike Rivers is a product manager for Plumbing at Uponor North America. He holds more than 14 years of experience in the industry with an emphasis in plumbing system installation, application and design as well as new product development and product management for the commercial market. In 2011, he received his certification in plumbing design (CPD) from the American Society of Plumbing Engineers (ASPE). He is a professional member of ASPE and the Plastics Pipe Institute (PPI) and holds a Bachelor of Science in Construction Management and a Bachelor of Arts in Business Administration from Minnesota State University at Mankato.

From Wikipedia, the free encyclopedia: **Cross-linked polyethylene**, commonly abbreviated **PEX** or **XLPE**, is a form of polyethylene with cross-links. It is formed into tubing, and is used predominantly in building services pipework systems, hydronic radiant heating and cooling systems, domestic water piping, and insulation or high tension (high voltage) electrical cables. It is also used for natural gas and offshore oil applications, chemical transportation, and transportation of sewage and slurries.

PEX has been approved for use in all fifty states of the United States as well as Canada, including the initially reluctant state of California, which approved its use in 2009. California allowed the use of PEX for domestic water systems on a case-by-case basis only in 2007. This was mostly due to issues with corrosion of the manifolds, not the tubing itself, and was allowed in California when used in hydronic radiant heating systems. In 2009, the Building Standards Commission approved PEX plastic pipe and tubing to the California Plumbing Code (CPC), allowing its use in hospitals, clinics, residential and commercial construction throughout the state. Formal adoption of PEX into the CPC occurred on August 1, 2009, allowing local jurisdictions to approve its general use, although there were additional issues, and new approvals were issued in 2010 with revised wordings of the 2007 act.

Thank you,

Mark G. Mannarelli, Vice President, Technical

mmannarelli@syska.com



VICE PRESIDENT, LEGISLATIVE

Prototypes:

One of most common ways to provide a design that includes code violations is by doing a design based on a prototype. Every state and a lot of the municipalities have their own building codes, and at times individual buildings have their own exceptions. However, these prototypes are the ones that we tend to focus more attention on knowing that they were designed under a different set of rules. The prototype that gets the code violations integrated are the ones that we create due to a short amount of time to comply with the design. It is more common than before thanks to the help of computer graphic tools. We tend to grab a set of notes and details from another job and place them on the new one. The worst case is the Plumbing Fixture schedule and Plumbing Equipment schedule. Here is where we prototype; we use the same as long as they fill the requirements for the job and if we have time to review the code. We keep using them without really looking out for other options. They do the job, but our design quality becomes a prototype as well and eventually becomes boring. When clients realize that they are getting just an average design, they get away from it looking for another designer that will work to customize the design to the client's needs and views. We are all guilty of using this design criteria. We take a job and build it like a puzzle, taking and combining elements from other jobs just because we know that they worked well before.

Let's try to get away from that prototype mentality, we are the designers in our field, let's stop following old schedules. It is time to see what is new in the market from fixtures to installation techniques. We can even educate the client if it is necessary. Let's be leaders.

Fire Protection update:

IPCB, (Illinois Pollution Control Board) (225 ILCS) and 890.11130

A Reduced Pressure Backflow Preventer Detector Assembly "RPDA" shall be installed on the fire protection system. RPDA shall be installed horizontally only. RDPA shall only be installed by a licensed plumber.

J. Francisco DeHoyos, Vice President, Legislative

aspe.chicago.vpl@gmail.com



VICE PRESIDENT, MEMBERSHIP

April Greetings,

Welcome to my favorite month of the year...who would've thunk it?

Thank you to all of you who were able to make it out to the March Chapter meetings. We had a good time remembering Nevo Martelli, who recently passed away. Nevo was the Chapter's VP Affiliate and has done a lot of great things for the Chapter. He will be greatly missed.

New members to welcome to the Chicago Chapter:

- David Shu
- Angie Gutierrez

Until Next Time...

April Ricketts, PE, CPD, LEED AP BD+C, Vice President Membership

rickettsa@cdmsmith.com: 312.346.5000



ADMINISTRATIVE SECRETARY

Greetings Members,

If you missed the March meeting you missed some great Corn Beef and Cabbage, we had about 48 in attendance. 50/50 was extra special this month; half went to our dear friend Nevo's charity of choice- Search for Vision, Univ. of Illinois, they will receive \$65 and Mark Kaulas of Born Quist won \$65 as well.

Our next meeting will be at Venuti's 2251 W. Lake Street Addison, IL. The meeting starts with a 5:30pm Cocktail Hour. The main presentation will be "Alternative Materials for Pipe and Fittings, and Effects to the Illinois Code" by Uponor and the Manufacturer Spotlight: Moen

*****Please RSVP***** at <http://chicago.aspe.org/> or contact Mark Mannarelli, VP Technical via phone call to 630-901-6446, Email: Chicago.ASPE.RSVP@gmail.com

As I close I will leave you with a quick informational fun fact; How many gallons of water does it take to produce a quarter pound hamburger? Approximately one gallon

Thank you,

David J. Erickson Sr., Administrative Secretary
derickson@symmons.com: 847.287.0922

AYP LIAISON

Hello everyone! Theresa is definitely a tough act to follow, but nonetheless her enthusiasm as the AYP liaison is contagious. I'm very excited and honored to be the new AYP liaison for our amazing chapter. This month, March 5, 2015 to be exact, we had an AYP happy hour at Moe's Cantina in the River North area. Thank you to all who came! Stay tuned for details of our next event, which may involve video games! The Super Mario brothers were indeed affiliated with our industry weren't they?

Aside from the social activities, AYP is a group dedicated to meet the needs of developing professionals. That being said, we are looking for inspiration for future events. If you have an idea or suggestion for an event or activity please send it along as we are fortunate to live in a city where there is so much being built, designed, and offered. I look forward to celebrating our industry with the young faces of ASPE.

Emily Smith, Chicago Chapter AYP Liaison
esmith@primeraeng.com



CHAPTER HISTORIAN

With regret we note the passing of Mr. Nevo Martelli, our Vice President Affiliate. Nevo was a long time member of the chapter and had good rapport with the Affiliates. He will be missed. Best wishes to the family.

Belated congratulations to Joe Ficek and Dave DeBord on being elected FELLOWS – FASPE at the September convention.

Respectfully,

Donald Johnson, Chapter Historian

Register NOW!

2015 ASPE TECHNICAL SYMPOSIUM

October 1-4, 2015

St. Louis, Missouri | Hyatt Regency at the Arch

Registration is open!
Go to: aspe.org



Join ASPE Young Professionals (AYP) for the inaugural AYP Leadership Conference happening at the 2015 Technical Symposium. Participate in this exclusive training to gain an edge in your career while hearing from industry peers who once were in your shoes. Topics such as:

Hindsight is 20/20 - What I wish I knew then what I know now

Ethics in engineering

Industry leadership skills

Project management

How to take advantage of your ASPE membership and getting involved

ASPE

Young

Professionals

Leadership

Conference

ASPE
YOUNG
PROFESSIONALS

October 1, 2015 | St. Louis, MO



This conference awards 0.6 CEUs for attending in addition to the invaluable resources and tools to take back to your workplace. Registration is only an additional \$100 but by signing up you can take \$100 off your 2016 Convention or 2017 Technical Symposium registration fee.

This exclusive full-day training is only open to ASPE members 35 years and younger attending the 2015 Technical Symposium. Breakfast and lunch included. Registration is limited to 25 AYPs.



CORRESPONDING SECRETARY: INDUSTRY NEWS

I was audited by ASPE last summer for my CPD and let me tell you, if you are not organized it can be a real pain in the neck. You must provide documentation as proof of attendance to a course, seminar, workshop, or in-house training session, (henceforth entitled 'training event'). You must also provide a list of these training events with specific information. This information can vary depending on which type of training event you attended, (refer to the CPD recertification link further below for specific details). The following are some things I would strongly suggest to make your auditing go a bit smoother, as well as keep yourself organized to know how many more hours you need before the next dreaded renewal is upon you. I cringe at the thought of having to take retake the PE, and I was told that even LEED testing has become a pain nowadays.

- 1. Store all of your documentation of attendance from a training event in a free online storage facility,** (I happen to utilize dropbox.com myself). This will ensure you have access to your files anywhere, (and avoids you having to worry about a computer or external hard drive crashing and you possibly losing the information). The interface is very simple to work with, and is basically just a webpage. Within these online storage facilities, you can make folders to organize files just like on your computer. To upload a file you simply browse to the folder you want to save something to, as you would in windows explorer, and click the upload button to search for the file you want to save. I can even backup items using my smartphone, so if someone emails me my training event document, I can store it while I'm on the go.
- 2. Create a Microsoft Excel file to track training events you have attended.** Excel can be a powerful tool, but in this case I am trying to make a simple, yet flexible, list to document relevant information for training events I have attended. I created a column to document each of the following for every training event I attend: Date of attendance, Description of event, Organization providing the event, and Number of CEUs/PDHs from the event. I even added a column to identify *where* I stored these files, (i.e. dropbox folder entitled "CEUs-PDHs"). The CPD requires you to identify what type of training event you attended: a workshop, a college course, a professional activity, etc. You can bet I added a column to document that as well, figuring I might not recall what it was I attended 18 months ago...
- 3. Utilize the excel file in step 2 above to track your progress since your last renewed your license or certification.** My excel file includes the original issue date of all my licensures and certifications that require CEU's or PDH's. Each training event that I document in step 2 goes in the rows below that. I use the simple summation commands in excel to add all of the CEU's I've obtained since my certification was last renewed.
- 4. Create an Excel worksheet for each different type of renewal you have.** For me I have two worksheets, one for my CPD and PE which are very similar as far as required training event, and another for my LEED AP, which is a beast of its own.
- 5. Keep your email address and other contact information current on the ASPE.org website.** It seems they use this information to reach out to you if you are indeed being audited. The CPD recertification requirements can be found here: <https://www.aspe.org/sites/default/files/webfm/pdfs/CPD/cpdrecertification2013.pdf>.

As a reminder, the attendance sheets themselves are no longer accepted by ASPE as proof of attendance to the ASPE Chapter Meetings. Please be sure to utilize the "CEU Sign-in and Sign-out sheet", and remember to Sign-out after the technical presentation. The ASPE chapter will be providing CEU certificates to document the eligible chapter meetings. At this point in time we are in the final stages of working through this "certificate generating process" with ASPE national. We will be sure to provide you an update in an upcoming newsletter.

Continued on next page...

CORRESPONDING SECRETARY: INDUSTRY NEWS CONTINUED...

American Society of Plumbing Engineers (ASPE)

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

Chicago ASPE Chapter Meeting

Date: Thursday, April 16, 5:30 PM

Location: Venuti's Ristorante & Banquet Hall,
2251 W Lake St, Addison, IL

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

American Society of Sanitary Engineering (ASSE)

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

ASSE Meeting at Chicago Faucet

Date: Tuesday, April 28, 5:30 PM

Location: Chicago Faucet Co.,
2100 Clearwater Dr., Des Plaines, IL 60018

Details: *Faucet competitors are kindly asked to avoid this meeting.*

National Fire Protection Association (NFPA)

(www.nfpa.org)

NFPA Conference & Expo

Dates: June 22-25, 2015

Location: McCormick Place
2301 S Martin Luther King Dr, Chicago, IL 60616

Details: <http://www.nfpa.org/conference>

NFPA training throughout the US:

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

American Society of Professional Estimators (ASPE)

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

Chicago ASPE Chapter Meeting

Date: Thursday, Apr 16, 5:30 PM

Location: Barbakoa
1341 Butterfield Rd, Downers Grove, IL 60515

Details: <http://www.aspechicago.org/>

USGBC - Illinois Chapter (LEED)

(<http://www.usgbc-illinois.org/education/chapter-events-calendar/>)

See link above for several events.

Society of Fire Protection Engineers (SFPE)

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

Corned Beef & Cabbage Dinner

Date: Thursday, May 14, 5 PM

Location: Tinley Park VFW Post 2791
17147 Oak Park Ave., Tinley Park, IL 60477

Details: http://chicagosfpe.clubexpress.com/content.aspx?page_id=87&club_id=396690&item_id=414063

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

IFPA Monthly Meeting

Date: Tuesday, April 14, 6PM

Location: Glendale Lakes Golf Club
1550 Presidents St., Glendale Heights, IL 60139

Details: <http://www.ifpanet.org/CalendarEvent.aspx?ID=81&PBD=4/1/2015>

Illinois Chapter of ASHRAE

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

ASHRAE Spring 2015 Tour – Enwave (formerly Thermal Chicago)

Date: Tuesday, April 7, 10 AM – 11:30 AM

Location: Enwave Chicago, Plant 2
400 S. Franklin St., Chicago, IL 60607

Details: <http://illinoisashrae.org/meetinginfo.php?id=99&ts=1426617789>

ASHRAE Illinois Chapter Meeting

Date: Tuesday, April 14, 5:00 PM

Location: To Be Announced

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

Refrigeration Service Engineer's Society (RSES)

(www.rses.net)

RSES Monthly Meeting

Date: Tuesday, April 7, 2015 @ 7:00 PM

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

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

PAMCANI

(www.pamcani.org)

PAMCANI has developed an industry-wide calendar: <http://www.calendarwiz.com/calendars/calendar.php?crd=pic&op=cal&month=3&year=2015&PHPSESSID=45f1ce63e07654bffd4aaadd507e79d>

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

(www.ilphcc.com)

Nothing scheduled at the time of this writing...

National Rural Water Association (NRWA)

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

2015 Water Pro Conference

Dates: Sept 28-30, 2015

Location: Oklahoma City, OK

Details: <http://nrwa.azurewebsites.net/about-us/future-nrwa-events/>

American Water Works Association (AWWA)

(www.awwa.org)

2015 Annual Conference & Exposition

Dates: June 8-10, 2015

Location: Anaheim Convention Center
Anaheim, CA

Chris Sbarbaro, PE, CPD, GPD, LEED AP BD+C, Corresponding Secretary

csbarbaro@consentini-il.com



Chicago ASPENews



2014-2015 Preliminary ASPE Chicago Meeting Schedule

Date	Primer & Technical Presentation	Location
August 9, 2014	ASPE Chicago Chapter Family Picnic & Pig Roast	Schiller Woods Grove #12 Irving Park Rd & Cumberland Ave Chicago, IL
September 18, 2014	Chicago Chapter September Product Show will not be provided this year due to the ASPE Convention being in town	ASPE Convention and Exposition McCormick Place Convention Center 2301 S. Lakeshore Drive, Chicago, IL
October 16, 2014	Manufacturer Spotlight: Viega "Condensing Water Heaters—Things to be Aware Of " by Lochinvar	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
November 20, 2014	Manufacturer Spotlight: Lochinvar ICC Joint Meeting—"New 2015 International Code Items That Affect The Design of Plumbing Systems" by Fred Grable	Athena Restaurant 212 S Halsted St Chicago, IL
December 18, 2014	Another Fun Booster Night—Game Night!	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 15, 2015	Manufacturer Spotlight: Uponor Water Heater Piping Design by Chris Wisinski	Athena Restaurant 212 S Halsted St Chicago, IL
February 19, 2015	Manufacturer Spotlight: Meilner Sales "Booster Pumps" by Ed Ross of QuantumFlo, Inc.	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 19, 2015	Manufacturer Spotlight: Bornquist "Water Softeners: Sizing and Configurations" By: Steve Lamere, Marlo Incorporated	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 16, 2015	Manufacturer Spotlight: Moen "Alternate Materials for Pipe and Fittings, and Effects to the Illinois Code" by: Uponor	Venuti's 2251 W. Lake Street Addison, IL
May 21, 2015	Manufacturer Spotlight: Symmons "Medical Gas Presentation—Tips for Designers, Code Issues and Lessons Learned" by Tim Dance, Medical Gas Certifier	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 19, 2015	Annual Golf Outing	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL
August 8, 2015	ASPE Chicago Chapter Family Picnic & Pig Roast	TBD

If you would like to present any of these topics or become a meeting sponsor, please contact Mark Mannarelli at mmannarelli@syska.com.