



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 46, No. 5
December, 2014



Chicago Chapter General Meeting Thursday December 18, 2014



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!

Booster Night! Holiday Party & Game Night



*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 ASPE Members, Non-Members and Walk-
ins)

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

- ◇ Return the enclosed card for those of you getting this via
US Mail
- ◇ Call: 630.901.6446
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

Dinner:

- Salad
- Tower of shrimp
- Meatballs
- Pizza bread
- Pepper steak
- Baked chicken
- Pasta
- Mashed Potatoes
- Vegetables

Dessert:

- Ice Cream
- Coffee, tea, water, soda

Local chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

Merry Christmas and Holiday Greetings to everyone! The November meeting was a great success! We picked a new place in Greek town, Athena Restaurant, and the food was excellent! Thanks to Mark Mannarelli, our V.P. Technical for researching this new venue. The presentation on the "New 2015 ICC Code" was very interesting, and informative. The Manufacturer's Spotlight by Lochinvar was also interesting (but I might be a little biased here).

The December meeting will be our annual Booster Night. Again we will be having our "game night" which has been a very popular event. A little tweaking has been done to make it better than ever so please join us! Also please remember the meaning of Booster Night, to invite new people and increase membership. Spread the word that this is a great event! The more the merrier! A final point on Booster Night, please remember to thank all the Affiliate sponsors of this event, its due to their participation that we have such quality food and games!

2015 ASPE Chicago Calendar update

All twelve months have sponsors! We will be releasing the calendar as soon as we possibly can.

ASPE Chicago Product Show 2015

Our first Product Show Committee meeting is set for December 4, 2014 at the Lochinvar warehouse, 801 Chase Ave, Elk Grove Village. The first meeting will be exploratory; getting our ducks in a row. So if you want to have input into the Product Show this ASPE year, please get involved. Contact Mark Mannarelli, or myself if you would like to attend.

AYP Event 2015

First event for the ASPE Young Professionals will be January 22, 2015. See details inside on this great event.

Elections

One more item – elections, yes elections...The May meeting is election night and we will be filling several positions. PLEASE get involved, and if you are interested in running for a position, or have questions on what these positions entail, just ask. Any board member would be happy to discuss the positions with you.

Actual FINAL announcement: Please RSVP for Booster Night. It is an expensive venture for us if we do not get an accurate count.

Have a safe and pleasant Holiday Season!

Rick Butler, President

rbutler@lochinvar.com; 224 238.8515

~ATTENTION AFFILIATES: MANUFACTURER SPOTLIGHT EXTENDED~

Due to the recent success of the Manufacturer's Spotlight program with the Convention Host Committee—we will be offering the Manufacturer's Spotlight program for the remainder of the year (January—May). The cost will be the same, \$500 with an optional additional \$500 to sponsor an open bar prior to the meeting. Please contact Mark Mannarelli mmannarelli@syska.com or Rick Butler rbutler@lochinvar.com to sign-up. First come, first serve! The Spotlight Presentations has been beneficial to the new members as well as old members—showcasing updated products in a more intimate setting than big product shows.

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TBD

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TBD

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

FACEBOOK

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

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

LINKEDIN

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



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

Hello from your V.P.T.,

November Meeting

Thank you to Fred Grable from ICC International Code Council for his presentation last month. Thanks to Rick Butler and Lochinvar for their spotlight presentation on water heaters and helping out with the cocktail hour. Also thanks to all the members who brought in toys for the Toys for Tots collection. Remember that we will be collecting this month as well to give the kids of Chicagoland a joyous Christmas this year!

December Meeting: Booster Night!

This month's meeting will be at LaVilla Restaurant. It's time to have some fun! Its Booster Night and Game Night! Come out and try your hand at foosball, air hockey, pop-a-shot pool and race car driving!



Remember this month to bring your new, unwrapped toys for Toys for Tots. Its our annual event. Let's help give kids who are less fortunate than ours a bright Holiday season this year. The Marines have landed and will hopefully be in attendance this month to spread Honor and cheer to all attendee's. GOD BLESS TO ALL THE ARMED FORCES WHO PROTECT ARE SHORES!

Remember to show your gratitude to all the manufacturer affiliates who have supported us generously throughout the years!!! Have a great night of fun and games and have a blessed holiday season to you and your families.

This month's topic is "who can beat last year's winners".

The following sponsors have generously offered to host the following games at Booster Night:

- Air Hockey—Brian Yelton/ **Inland Sales**
- Pool—Mike Harrigan/**Toto**
- Ping Pong—Sarah Mahlik/ **Kohler**
- Pop-a-shot—Michael Hanney/ **Viega**
- Foosball—Darren Rich/ FTI Sales and Mike Infanger/ **Victaulic**
- Cruisin' USA Driving Game—Jason Romano/ **Mid-Continent Marketing** AND Mark Luczak/ **Zurn & Green Turtle**

Please thank them at the meeting for their generous contribution! We will be raffling off the foosball table and air hockey table during the event!

Manufacturer Spotlight

Update: There are only 3 SPOTS LEFT for the 2014-2015 ASPE year. Please refer to the calendar at the end of the newsletter for months available. Contact me if you would like to sign up!

CEUs and Meeting Attendance

This year is a new beginning. Each member will be emailed a certificate (for CEU's) for attending each monthly meeting. In order to get CEU's all members will need to sign in AND sign out on the sign-in sheet at the front table when entering and leaving the meeting. Remember, this month no CEU's will be given, only "GOOD TMES".

Picture of the Month (For all you bad plumbing engineers and Affiliates!)

Please Note:

CHISTMAS IS CANCELLED

Apparently, YOU told Santa that
you have been GOOD this year ...



He died laughing

Thank you,

Mark G. Mannarelli, Vice President, Technical

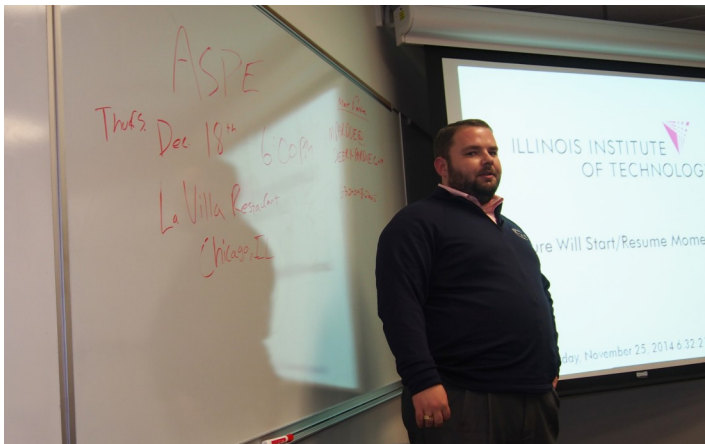
mmannarelli@syska.com



VICE PRESIDENT, EDUCATION

Great to see everyone at the November meeting! It was definitely nice to change venues and learn about the upcoming code changes.

I recently went and spoke to the student's of David DeBoard's class at IIT about the benefits of ASPE, AYP and the ASPE Student Chapter. There seemed to be some good interest from the students in getting involved with ASPE and AYP. I will be continuing to work with the student chapter to get regular meetings up and running along with more involvement with the Chicago Chapter.



The students expressed a lot of interest in attending events that allowed both social interaction and professional networking. I will be working on putting an event together in early 2015.

Matt Pardue, Vice President, Education

mpardue@deery-pardue.com



VICE PRESIDENT, MEMBERSHIP

December Greetings,

Be sure to stop by the Chapter's annual Booster Night event this month. For those of you who haven't attended before, this is a social event filled with fun, food, and games. I attended last year for the first time and had a great time.

Welcome to the newest members of the ASPE Chicago Chapter:

- Andrew Grabowski
- Damien Mullins
- William Hartman
- Curtis Bermel

Until Next Time...and Happy Veteran's Day!

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

rickettsa@cdmsmith.com: 312.346.5000



VICE PRESIDENT, LEGISLATIVE

More Changes from the new IDPH 2014 are and upcoming changes on ICC

During our last monthly dinner/presentation, we learned about some of the upcoming changes to the 2015 ICC. One of those changes is the modification to the storm drainage load calculation method. This is the same method that we talked about in the 2013 November article. The entire study behind this change is in this link: http://aspe.org/sites/default/files/webfm/pdfs/rf_report_roof_drain.pdf

2014 IDPH Repealed sections

There are a few sections that have been repealed under the new plumbing code. Not all of them have disappeared, they have just been relocated to be part of another related code. For example:

Section 890.220 Identification (Repealed)

Information regarding this code is now part of Section 890.210 Materials (paragraph i)

Section 890.540 re: Laundries (Repealed)

The exact same code requirement is part of Section 890.530 Special Waste Interceptors (paragraph b)

Section 890.1440 Vent Terminal Size (Repealed)

The exact same code requirement is part of Section 890.1430 Vent Terminals (paragraphs g, & h)

Section 890.550 Backwater Valves – Sanitary System and Storm System (Repealed)

The exact same code requirement is part of Section 890.1320 Drainage System Installation (paragraphs o)

One of the Items that have become popular in the last few years is the water bottle filler in drinking fountains and water coolers. Section 890.720 Drinking Fountains. (paragraph f) indicates that : “When bottled drinking water is provided in lieu of a drinking fountain, the bottled water used shall be commercially sealed in accordance with the Illinois Bottled Water Act and the Illinois Safe Bottled Water Act. “

Section 890.650 Water Closets (paragraph a, section 2).

“The activating handle, button, or mechanism of the flush valve shall be at least **10 inches** above the overflow rim of the bowl and not more than 44 inches above the floor”. **(The Lowest point used to be 22 inches)**

Section 890.320 Types of Joints (paragraph g).

New paragraph: “Copper press fittings. Copper press fittings for joining copper water tubing shall have an elastomeric o-ring that forms the joint. The fitting shall be made by pressing the socket joint under pressure in accordance with the manufacturer’s installation requirements and NSF Standard 61”.

Section 890.800 Special Fixtures and/or Items Designed for a Particular Purpose New paragraphs”

- a) Emergency showers and eyewash stations within a building shall be provided with potable water and a trapped and vented receptor and shall comply with ANSI standard Z358-1-1998.
- b) Emergency eyewash stations shall not be installed on a faucet spout.
- c) Baptistries, ornamental and lily ponds, aquariums, ornamental fountain basins, and similar type constructions, when provided with water supplied from the potable water system, shall be protected from back-siphonage as required in Section 890.1130 (f).
- d) Approval. A request for permission to install special fixtures and/or items designed for a particular purpose requiring water and waste connections not otherwise provided for in this Part shall be submitted, in writing, to the Department for approval prior to installation.

Section 890.520 Gasoline, Oil and Flammable Liquids (changes on sizing f)

- 1) The minimum size interceptor for all facilities required to comply with this Section, shall be 6 cubic feet (45 gallons) for the first **500** square feet of floor area plus 1 cubic foot per each additional **500** square feet to be drained into the interceptor.
- 2) The minimum size interceptor for all facilities, except those facilities required to conform to subsection a of this Section, shall be 6 cubic feet (45 gallons) for the first **3,000** gross square feet plus one cubic foot per each additional **1,000** square feet to be drained into the interceptor. Floor area for parking decks or garages shall be determined by the gross square feet of the parking spaces.

J. Francisco DeHoyos, Vice President, Legislative

aspe.chicago.vpl@gmail.com



ADMINISTRATIVE SECRETARY

Greetings Members,

We will be having another fun ASPE Booster Night—Game Night! @ La Villa Restaurant, 3632 N Pulaski Rd Chicago, IL. Our Affiliates have really been great for this event by sponsoring the games and setting up tournaments for the players. We are asking that you bring in your unwrapped presents for the Toys for Tots drive so we can pay it forward to those who have fallen on tough times.

As I close I will leave you with a quick informational fun fact: 70.9% of the earth's surface is covered by water and 30% of the earth's fresh water is in the ground.

David J. Erickson Sr., Administrative Secretary

derickson@symmons.com: 847.287.0922



CHAPTER HISTORIAN

Regrets

We regret to note the passing of Mr. Frank Feder. Mr. Feder was with Weil Pump Co. and R.A. Daugherty Sales Inc.

Frank will be missed.

Looking forward to our December fun meeting!

Donald E. Johnson, Historian

NOVEMBER MEETING ATTENDANCE

The following individuals attended the November 2014 meeting of the ASPE Chicago Chapter. In accordance with ASPE Society policy, these individuals are entitled to **0.75 RU's** toward the required 24 RU's needed every two years to maintain CPD registration. Meeting attendance is also recognized by the Illinois Department of Professional Regulation to count as 1 PDH towards the required 30 PDH's needed every two years to renew Professional Engineering licenses.

*****This year we will be emailing each member a CEU certificate for attending each monthly meeting. In order to be eligible for the CEU certificate, the member will need to SIGN IN and SIGN OUT on the attendance sheet at the front table when entering and leaving the meeting. Please be aware the CPD reviewers are no longer accepting the 'Meeting Attendance' listed in the ASPE Newsletters as proof of attendance. As a reminder, please forward any changes your email address to aspechicago@gmail.com for updating*****

Alex Fernandez	David DeBord	Jeff Bull	Luciana S. Kayo	Paul McLafferty
April Ricketts	David Lehman	Jeff Cohran	Mark Luczak	Phill Kroll
Austin Kizzte	E. J. Kedzie	Jeff St. Onge	Mark Mannarelli	Ray Cruz
Bill Bauer	Ed Lichner	Jeff Stevens	Mark Nasuta	Rick Butler
Brian Hank	Eric Petzer	Jill Dirksen	Markel Cordero	Scott Jagodzinski
Brian Yelton	Francisco DeHoyos	Joe Ficek	Matt Pardue	Sean Allard
Chris Rohan	Frank Sanchez	John Watson	Mel Withrow	Steve Montgomery
Chris Sharbaro	Fred Grable	Josh Foster	Melissa Fiore	Terry Pappas
Chris Wisinski	Garry Chelotte	Julius Ballanco	Mike Imaoka	Tom Higgins IV
Damien Mullins	George Pagach	KC Akalaonu	Nevo Martelli	Tony Dauginas
Dan Courtney	George Sobyra	Kevin P. Hogan	Otton Finiewicz	William Hartman
Danon Cameron	James Dipping	Lauren Faset	Patrick O'Boyle	Zoya Oberfeld
Darren Rich	Jami Swartz			

THE ASPE CHICAGO BADGE IS BACK AGAIN, AND UPDATED!

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 the new ASPE logo or your new name or company?

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

Costs:

Badge	\$20.00
Shipping	\$5.00 (optional)



NEW LOOK!

Make checks payable to "ASPE Chicago" and submit the total amount to:

ASPE Chicago Chapter
c/o Theresa Allen
Grumman/Butkus Associates
820 Davis Street, Suite 300
Evanston, IL 60201

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, fax or email this form. Badge order will not be processed until payment is received. Fax @ 847.328.4550 or email tallen@grummanbutkus.com.

Please indicate your preferences:

Name: _____

Company: _____

Fastener style (please circle one)



Swivel Clip

Magnet

Clip & Pin Combo

This promotion is for ASPE Chicago members only!

ASPE YOUNG PROFESSIONALS

Join us for an afternoon of hands-on technical demonstrations hosted by



Learn about their patented copper silver ionization technology, which is used for the prevention of harmful waterborne bacteria such as *Legionella*.

The educational session will be followed by a happy hour with your fellow AYPs!

DATE: Thursday, January 22nd

TIME: 2:00-6:00pm

LOCATION: LiquiTech Headquarters

421 Eisenhower Lane S., Lombard, IL

AYPs can take the 12:40pm train from the Ogilvie station to Lombard or meet at the LiquiTech office at 2:00pm.

For those coming by train, transportation will be provided from the Lombard station to LiquiTech's offices.

**RSVP to Theresa Allen, ASPE Chicago AYP Liaison
via email: tallen@grummanbutkus.com**

Event is open to full/associate & student ASPE members



CORRESPONDING SECRETARY: INDUSTRY NEWS

Just a reminder that if you forgot to bring some gifts in for the Toys for Tots program at last month's meeting you still have another chance as we will be collecting them at Booster Night as well. Hope to see you all at Booster night!

American Society of Plumbing Engineers (ASPE)

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

Chicago ASPE Booster Night

Date: Thursday, Dec 18, 5:30 PM

Location: La Villa Restaurant

3632 N Pulaski Rd, Chicago, IL

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

American Society of Sanitary Engineering (ASSE)

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

No upcoming events listed.

National Fire Protection Association (NFPA)

(www.nfpa.org)

NFPA Training throughout the US.

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

American Society of Professional Estimators

(www.aspechicago.org)

Chicago ASPE Chapter Meeting

Date: Thursday, Jan 15, 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/events/event-calendar/>)

See link above for several events.

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

No upcoming events listed.

Society of Fire Protection Engineers (SFPE)

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

Chicago SFPE Annual Meeting & Holiday Luncheon

Date: Monday, Dec 8, 12:00 PM

Location: Maggiano's

516 N Clark St, Chicago, IL 60654

Details: [http://chicagosfpe.clubexpress.com/content.aspx?](http://chicagosfpe.clubexpress.com/content.aspx?page_id=87&club_id=396690&item_id=384714)

[page_id=87&club_id=396690&item_id=384714](http://chicagosfpe.clubexpress.com/content.aspx?page_id=87&club_id=396690&item_id=384714)

Illinois Chapter of ASHRAE

(www.illinoisashrae.org)

Annual Awards Reception/Chapter Meeting

Date: Wednesday, Dec 10, 3:00 - 5:30 PM

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

Details: [http://www.illinoisashrae.org/](http://www.illinoisashrae.org/meetinginfo.php?id=87)

[meetinginfo.php?id=87](http://www.illinoisashrae.org/meetinginfo.php?id=87)

ASHRAE Illinois Winter Meeting After Party

Date: Saturday, Jan 24, 9:00 PM - 12:00 AM

Location: Emerald Loop

216 N Wabash Ave, Chicago, IL 60601

Details: [http://www.illinoisashrae.org/](http://www.illinoisashrae.org/meetinginfo.php?id=87)

[meetinginfo.php?id=87](http://www.illinoisashrae.org/meetinginfo.php?id=87)

PAMCANI

(www.pamcani.org)

PAMCANI industry-wide calendar: www.piccal.org

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

(www.ilphcc.com)

No upcoming events listed.

Refrigeration Service Engineer's Society (RSES)

(www.rses.net)

RSES Monthly Meeting

Date: Tuesday, Dec 9, 2014 @ 7:00 PM

Location: Silver Stallion Restaurant

1275 Lee St., Des Plaines, IL

Details: See latest meeting notice here: www.rses.net

National Rural Water Association (NRWA)

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

No upcoming events posted

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 Patrick O'Boyle	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	"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	"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
TBD	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.