



Chicago ASPENews



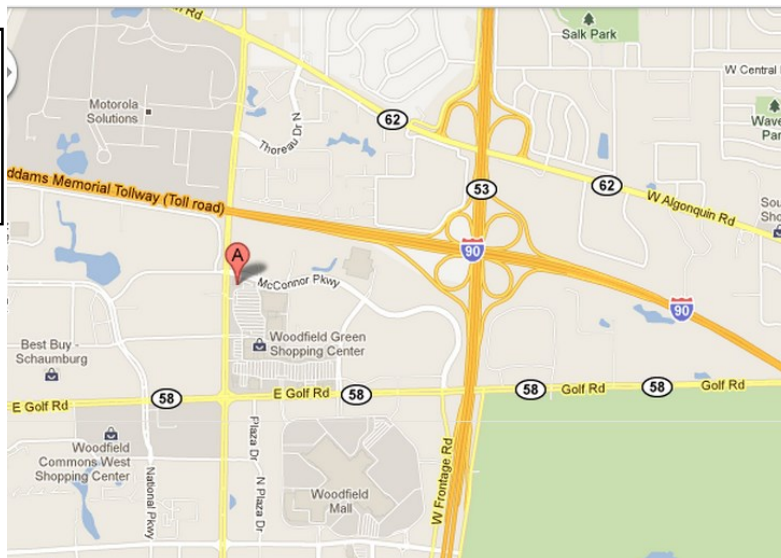
Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 46, No. 10
May, 2015



Chicago Chapter General Meeting Thursday May 21, 2015



Westwood Tavern & Tap
1385 N. Meacham Road
Schaumburg, IL 60713



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:**
Maddock Industries, Inc.
- 7:30pm Presentation – *“Medical Gas Presentation—Tips for Designers, Code Issues and Lessons Learned”* by Tim Dance, Medical Gas Certifier.

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

- ◇ Call: 312.771.4057
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

Appetizers:

- House salad
- Soup of the day

Main Course:

- Prime Rib
- Mixed vegetable medley
- Red garlic mashed potatoes
- Dinner rolls w/ butter

Dessert:

- NY style cheesecake

Drinks:

- Coffee

Local chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

Man how time flies! The May meeting will be my last General meeting as your President. I was proud to serve all of you, and did my best to keep things running as smooth as possible. Thank you all for the opportunity to serve you.

I would also like to take this time to thank the rest of the board members! They did a bang up job and will continue to do a great job! This includes all committee positions. We should be all proud of them.

April Meeting Recap:

The Manufacturer Spotlight was held by Kelechi Akalaonu from Moen. The presentation focused on water conservation with new technologies available today. Having the Great Lakes at our door step may give a diluted picture of how critical the countries water supply is in certain areas. The slides provided showed some devastating pictures of the California drought and how it is affecting the area.

On a side note, did you know the Colorado River rarely gets to the sea anymore, destroying an entire ecosystem. The Delta is less than 10% of its original size. There have been some recent efforts to get the Colorado back to the sea.

The April presentation was on PEX. With Illinois allowing PEX more, the presentation was timely. The speaker was Mike Rivers, a Product Manager with Uponor North America. He discussed; the types of PEX, PEX Systems and fittings, and application / installation concepts. Very informative.

Thanks to all of our presenters!

May Meeting:

The May meeting will be held at Westwood Tap in Schaumburg. A favorite spot for many, especially if weather holds up, they have a fantastic patio area! Come to the meeting and you will receive great information, great conversation and this beautiful, one of a kind ASPE pin! **PLEASE NOTE: I FORGOT THESE AT THE APRIL MEETING, THEY ARE IN MY CAR NOW.**

The pin will only be available at chapter meetings and events



MAY IS ELECTION NIGHT!



As it stands right now here is the Slate of Candidates:

PRESIDENT – MARK MANNARELLI
VICE PRESIDENT TECHNICAL – APRIL RICKETTS
VICE PRESIDENT EDUCATION – CHRIS WISINKI
VICE PRESIDENT LEGISLATIVE – FRANCISCO DeHOYOS
VICE PRESIDENT MEMBERSHIP - CHRIS SBARBARO
VICE PRESIDENT AFFILIATE – MATT PARDUE AND DARREN RICH
TREASURER - SEAN ALLARD
ADMINISTRATIVE SECRETARY – DAVID ERICKSON
CORRESPONDING SECRETARY – SCOTT JAGODZINSKI

Continued on next page...

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GOLF OUTING CHAIRMAN

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LINKEDIN

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

PRESIDENT'S MESSAGE CONTINUED...

Remember, all members in good standing are eligible, and we will take nominations from the floor.

Elections are very important to our chapter. We have had many members serve in the past on our board. Maybe some of these names look familiar? Not only were these individuals our chapter presidents, they also are highly regarded in our industry! (Except for that last individual)

1968-1970 William Johncox
1970-1972 Alfred Steele
1972-1974 Carl Adler
1974-1976 Russell Calderwood
1976-1978 Robert Cutler
1978-1980 William F. McCarthy, PE, CIPE
1980-1982 John C. Bukalski, CIPE
1982-1984 Kenneth Wentink, PE, CPD
1984-1986 John C. Bukalski, CIPE
1987-1989 Michael J. Cwanek, CPD
1989-1991 Steven T. Triphahn
1991-1993 Robert Dahlmann, PE, CPD
1993-1995 Michael J. Cwanek, CPD
1995-1997 Timothy A. Smith, CPD
1997-1999 Daniel J. Fagan, PE, CPD
1999-2001 Joseph F. Ficek, CPD
2001-2003 Daniel J. Fagan, PE, CPD
2003-2005 Robert D. Jackson
2005-2007 Jason S.A. McDonald, CPD
2007-2009 David DeBord, CPD, LEED AP
2009-2011 Jason S.A. McDonald, CPD
2011-2013 Frank Sanchez, CPD, GPD
2013-2015 Rick Butler
2015- *To be Determined*

Records of Boards of Directors are not complete

REMINDERS:

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



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

I would like to again ask all members to RSVP to our monthly meetings and make all efforts to attend. It is essential to us that all RSVP's should at least call or send an e-mail to let us know in advance (2 days notice) that you can't attend so we can plan accordingly.

April's Meeting Recap

Thanks to Michael Rivers with UPONOR for last month's presentation on "PEX piping systems. Also, A big thank you to K.C. from Moen on the spotlight presentation that talked about the water shortage that this country is facing and how we need to find different alternatives for water savings both commercially and residentially.

May's Meeting

The manufacturer's Spotlight presentation this month is by Maddock Industries, Inc.

This month's meeting presentation will be on "Medical Gas Installation" by Tim Dance Medical Gas Certifier, owner at Tim Dance Medical Gas Consultant NITC ASSE 6020/6030 NFPA member. OSHA certified and a member of NFPA. Tim performs a complete and full verification of medical gas systems. Tim has a degree in Naval Architecture and Marine Engineering from the University of Liverpool.

Some of the projects that Tim has been involved with include:

- **Rush University Medical Center**
- **Cedar Sinai ICU Tower,**
- **Whittier Presbyterian Hospital**
- **University of Chicago Medical Center**

This month's meeting presentation will discuss Tips for Designers, Code Issues and Lessons Learned regarding the design of medical gas systems. The Minimum design requirements for medical gas systems are found in NFPA 99: Health Care Facilities Code.

Continued on next page...



Manufacturer Spotlight



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



Thank you for your support!

VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING CONTINUED...

Implementation of NFPA 99

Before 1980, there were several documents touching on fire-related problems in the health care industry. In late 1979, the Health Care Facilities Correlating Committee began the work of combining all of those documents into a single resource that covered various health care facilities. By combining these documents, the NFPA was able to establish a resource that was easier-to-read and reference.

The NFPA 99 establishes rules and regulations regarding areas where medical gas has the potential to be used along with safe storage and delivery systems. The NFPA goes through a full revision every three years. In 2012, the document was overhauled to reflect that a patient's risk is the same whether he/she visits a doctor's office or a hospital. The NFPA 99 2015 edition builds upon the changes that were made in 2012.

The NFPA has several chapters dealing with medical gas. These sections are very important for architects, plumbers and other personnel who deal with construction, maintenance or repairs in a medical facility. This is true because some of these gases can cause damage to those who have been exposed or could be flammable when in contact with electricity or flame.

Medical gases are those gases that are used during medical procedures. Some of the most common are oxygen, nitrous oxide, carbon dioxide and helium. While many of the gases are harmless, others are highly flammable or can cause discomfort to people.

Medical gases can be delivered to an area in different ways. Many gases are stored in sealed containers or in larger tanks. Depending on the amount needed, these gases can be stored in the medical room or delivered through a piping system. NFPA 99 regulations require that these containers be properly labeled. The rooms must be kept at constant temperatures and marked with caution warnings, stating that gases are being stored and caution is needed. Piping systems must be clearly marked with labels and inspected regularly.

Preparing a facility for an inspection:

Compliance requires that all repair, maintenance and inspections are conducted by accredited personnel, usually a third party specializing in medical compliance such as a medical gas verifier. Facilities using medical gases are required to undergo an FDA-mandated annual audit, with a short time window for identified problems to be addressed in order to maintain compliance.

From Wikipedia, the free encyclopedia

Oxygen

Oxygen may be used for patients requiring supplemental oxygen via a mask. Usually accomplished by a large storage system of liquid oxygen at the hospital which is evaporated into a concentrated oxygen supply, pressures are usually around 380 kPa (55 psi). In small medical centers with a low patient capacity, oxygen is usually supplied by multiple standard cylinders.

Nitrous oxide

Nitrous oxide is supplied to various surgical suites for its anesthetic functions during pre-operative procedures. Delivered to the hospital in standard tanks and supplied through the Medical Gas system. System pressures around 345 kPa (50 psi).

Nitrogen

Nitrogen is typically used to power surgical equipment during various procedures. Pressures range around 1.2 MPa (175 psi) to the various locations.

Carbon dioxide

Typically used to inflate or suspend tissues during surgery, and also used in laser surgeries. System pressures are maintained at about 345 kPa (50 psi).

Medical air

Medical air is supplied by a special air compressor to patient care areas using clean outside air. Pressures are maintained around 380 kPa (55 psi). Medical air should never be used as oxygen. Medical air cannot be used for HVAC controls or to provide power to surgery tools. According to NFPA 99-2002 Paragraph 5.1.3.5.2, medical air sources shall be connected to the medical air distribution system and shall be used only for air in the application of human respiration and calibration of medical devices for respiratory application.

Medical test gas mixtures

There are many gas mixtures used for clinical and medical applications. They are often used for patient diagnostics such as lung function testing or blood gas analysis. Test gases are also used to calibrate and maintain medical devices used for the delivery of anesthetic gases.

Medical culture growth mixtures

Culture growth applications include controlled aerobic or anaerobic incubator atmospheres for biological cell culture or tissue growth. Controlled aerobic conditions are created using mixtures rich in oxygen and anaerobic conditions are created using mixtures rich in hydrogen or carbon dioxide.

Continued on next page...

VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING CONTINUED...

Medical vacuum

Medical vacuum in a hospital supports vacuum equipment and evacuation procedures, usually supplied by various vacuum pump systems exhausting to the atmosphere. Continuous vacuum is maintained around 75 kPa (22 inches of mercury).

Waste anesthesia gas disposal

Waste anesthesia gas disposal or WAGD in a hospital anesthesia evacuation procedures. Although it uses the same vacuum pump as the Medical Vacuum System, the piping may be a separate line from the source or can combined with the medical vacuum per NFPA 99. Continuous vacuum is maintained around 50-65 kPa (15-19 inches of mercury#).

Vacuum Insulated Evaporator VIE
Oxygen
Nitrous Oxide
Air
Carbon Dioxide
Entonox
Heliox

Thanks to Michael Rivers with UPONOR for last month's presentation on "PEX piping systems.
The Manufacturer's Spotlight presentation this month is by Symmons, Inc.

We are accepting Manufacturer's Spotlight presentations for next year. October and November have 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.

Thank you,

Mark G. Mannarelli, Vice President, Technical

mmannarelli@syska.com



VICE PRESIDENT, LEGISLATIVE

The water storage tank has become an essential component for the globalized effort in the reclaiming water process. Here are the 2015 IPC requirements for water storage.

1301.7 Insect and vermin control.

The system shall be protected to prevent the entrance of insects and vermin into storage tanks and piping systems. Screen materials shall be compatible with contacting system components and shall not accelerate the corrosion of systems components.

1301.9 Nonpotable water storage tanks.

Nonpotable water storage tanks shall comply with Sections 1301.9.1 through 1301.9.11.

1301.9.1 Sizing.

The holding capacity of the storage tank shall be sized in accordance with the anticipated demand.

1301.9.2 Location.

Storage tanks shall be installed above or below grade. Above-grade storage tanks shall be protected from direct sunlight and shall be constructed using opaque, UV-resistant materials such as, but not limited to, heavily tinted plastic, fiberglass, lined metal, concrete, wood, or painted to prevent algae growth, or shall have specially constructed sun barriers including, but not limited to, installation in garages, crawl spaces or sheds. Storage tanks and their manholes shall not be located directly under soil piping, waste piping or any source of contamination.

1301.9.3 Materials.

Where collected on site, water shall be collected in an approved tank constructed of durable, nonabsorbent and corrosion-resistant materials. The storage tank shall be constructed of materials compatible with any disinfection systems used to treat water upstream of the tank and with any systems used to maintain water quality in the tank. Wooden storage tanks that are not equipped with a makeup water source shall be provided with a flexible liner.

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VICE PRESIDENT, LEGISLATIVE CONTINUED...

1301.9.4 Foundation and supports.

Storage tanks shall be supported on a firm base capable of withstanding the weight of the storage tank when filled to capacity. Storage tanks shall be supported in accordance with the International Building Code.

1301.9.4.1 Ballast.

Where the soil can become saturated, an underground storage tank shall be ballasted, or otherwise secured, to prevent the tank from floating out of the ground when empty. The combined weight of the tank and hold down ballast shall meet or exceed the buoyancy force of the tank. Where the installation requires a foundation, the foundation shall be flat and shall be designed to support the weight of the storage tank when full, consistent with the bearing capability of adjacent soil.

1301.9.4.2 Structural support.

Where installed below grade, storage tank installations shall be designed to withstand earth and surface structural loads without damage and with minimal deformation when empty or filled with water.

1301.9.5 Makeup Water.

Where an uninterrupted supply is required for the intended application, potable or reclaimed water shall be provided as a source of makeup water for the storage tank. The makeup water supply shall be protected against backflow in accordance with Section 608. A full-open valve located on the makeup water supply line to the storage tank shall be provided. Inlets to the storage tank shall be controlled by fill valves or other automatic supply valves installed to prevent the tank from overflowing and to prevent the water level from dropping below a predetermined point. Where makeup water is provided, the water level shall not be permitted to drop below the source water inlet or the intake of any attached pump.

1301.9.6 Overflow.

The storage tank shall be equipped with an overflow pipe having a diameter not less than that shown in Table 606.5.4. The overflow pipe shall be protected from insects or vermin and shall discharge in a manner consistent with storm water runoff requirements of the jurisdiction. The overflow pipe shall discharge at a sufficient distance from the tank to avoid damaging the tank foundation or the adjacent property. Drainage from overflow pipes shall be directed to prevent freezing on roof walkways. The overflow drain shall not be equipped with a shutoff valve. A cleanout shall be provided on each overflow pipe in accordance with Section 708.

1301.9.7 Access.

Not less than one access opening shall be provided to allow inspection and cleaning of the tank interior. Access openings shall have an approved locking device or other approved method of securing access. Below-grade storage tanks, located outside of the building, shall be provided with a manhole either not less than 24 inches (610 mm) square or with an inside diameter not less than 24 inches (610 mm). Manholes shall extend not less than 4 inches (102 mm) above ground or shall be designed to prevent water infiltration. Finished grade shall be sloped away from the manhole to divert surface water. Manhole covers shall be secured to prevent unauthorized access. Service ports in manhole covers shall be not less than 8 inches (203 mm) in diameter and shall be not less than 4 inches (102 mm) above the finished grade level. The service port shall be secured to prevent unauthorized access. Exception: Storage tanks less than 800 gallons (3028 L) in volume and installed below grade shall not be required to be equipped with a manhole, but shall have a service port not less than 8 inches (203 mm) in diameter.

1301.9.8 Venting.

Storage tanks shall be provided with a vent sized in accordance with Chapter 9 and based on the aggregate diameter of all tank influent pipes. The reservoir vent shall not be connected to sanitary drainage system vents. Vents shall be protected from contamination by means of an approved cap or U-bend installed with the opening directed downward. Vent outlets shall extend not less than 4 inches (102 mm) above grade or as necessary to prevent surface water from entering the storage tank. Vent openings shall be protected against the entrance of vermin and insects in accordance with the requirements of Section 1301.7.

1301.9.9 Draining of tanks.

Where tanks require draining for service or cleaning, tanks shall be drained by using a pump or by a drain located at the lowest point in the tank. The tank drain pipe shall discharge as required for overflow pipes and shall not be smaller in size than specified in Table 606.5.7. Not less than one cleanout shall be provided on each drain pipe in accordance with Section 708.

1301.9.10 Marking and signage.

Each nonpotable water storage tank shall be labeled with its rated capacity. The contents of storage tanks shall be identified with the words "CAUTION: NONPOTABLE WATER", "DO NOT DRINK. "; where an opening is provided that could allow the entry of personnel, the opening shall be marked with the words, "DANGER- CONFINED SPACE" Markings shall be indelibly printed on the tank or on a tag or sign constructed of corrosion-resistant waterproof material that is mounted on the tank. The letters of the words shall be not less than 0.5 inch (12.7 mm) in height and shall be of a color in contrast with the background on which they are applied.

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VICE PRESIDENT, LEGISLATIVE CONTINUED...

1301.9.11 Storage tank tests.

Storage tanks shall be tested in accordance with the following:

Storage tanks shall be filled with water to the overflow line prior to and during inspection. All seams and joints shall be left exposed and the tank shall remain water tight without leakage for a period of 24 hours.

- 1. After 24 hours, supplemental water shall be introduced for a period of 15 minutes to verify proper drainage of the overflow system and that there are no leaks.*
- 2. The tank drain shall be observed for proper operation.*
- 3. The makeup water system shall be observed for proper operation and successful automatic shutoff of the system at the refill threshold shall be verified.*

1301.10.2 System Abandonment.

If the owner of an on-site nonpotable water reuse system or rainwater collection and conveyance system elects to cease use of, or fails to properly maintain such system, the system shall be abandoned and shall comply with the following:

- 1. All system piping connecting to a utility-provided water system shall be removed or disabled.*
- 2. The distribution piping system shall be replaced with an approved potable water supply piping system. Where an existing potable pipe system is already in place, the fixtures shall be connected to the existing system.*
- 3. The storage tank shall be secured from accidental access by sealing or locking tank inlets and access points, or filling with sand or equivalent.*

TABLE 606.5.4 SIZES FOR OVERFLOW PIPES FOR WATER SUPPLY TANKS

Maximum capacity of water supply to tank (gpm)	Diameter of overflow Pipe (inches)
0 - 50	2
50 - 150	2 1/2
150 - 200	3
200 - 400	4
400 - 700	5
700 - 1000	6
Over 1000	8

TABLE 606.5.7 SIZES FOR DRAIN PIPES FOR WATER TANKS

Tank Capacity (gpm)	Drain Pipe (inches)
Up to 750	1
751 to 1,500	1 1/2
1,501 to 3,000	2
3,001 to 5000	2 1/2
5001 to 7,500	3
Over 7,500	4

J. Francisco DeHoyos, Vice President, Legislative

aspe.chicago.vpl@gmail.com



VICE PRESIDENT, MEMBERSHIP

May Greetings,

Hard to believe my time of serving as the Chapter's VP membership is almost up. It has been wonderful getting to know many of you these past 2 years in this capacity and I hope the experience of being an ASPE member has been as rewarding to all of you as much as it has been to me. I am planning to run for the VP Technical position in the upcoming Chapter Elections and, if elected, I will be looking forward to serving you again and helping in providing exciting meeting presentation topics for the next two years. If not elected, I will retire to my basement and drown my sorrows in jelly beans (smile).

Chapter members celebrating anniversaries with ASPE this year include:

5 Year:

- Mickey Singh
- Jeffrey D. Butt
- Daniel A. Courtney
- David John Erickson Sr.
- Eric Petzer P.E.
- Luka Ulicevic CPD
- Caleb Luke Kadera G.E.
- Eric W. Pawelek P.E.
- Michael F. Hanney
- Lawrence Konopacz LEED AP
- Darren Rich
- Mike Joseph Temes

10 Year:

- Jeff E. Cochran CPD
- Shawn D. McAuliffe
- Bryan D. Fonseca
- Dimitrios Kamilis P.E.
- Jerzy Kalinowski
- George B. Swietczak CPD
- Louis A. Navarro
- Rick J. Mayersky.

15 Year:

- Anthony N. Dauginas CPD

20 Year

- Michael W. Cusack P.E., LEED AP
- Terrence R. LeBeau CPD
- Chester M. Bradford
- Richard J. Butler
- Donald D. Ware Jr., P.E., CPD
- Steven A. Kersten
- Javier Rodriguez CPD
- David E. DeBord CPD, FASPE, LEED AP BD+C, GPD, ARCSA-AP, CFPS.

25 Year

- Daniel L. Doyle P.E.
- Andrew J. Dailey
- J. Manuel Cordero P.E., CPD
- Robert F. Melko

30 Year

- Veerabhadra RAO Koneru LEED AP, BD+C, CPD
- Herbert M. Hymen P.E.
- Thomas W. Hamilton

35 Year

- Dean Thompson P.E.

40 Year

- Mark Brickey

We will be passing out ASPE Anniversary pins at the May meeting. If you are celebrating an anniversary, please email or call to let me know if you will be in attendance so that we can have your pin ready.

Until Next Time...

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

rickettsa@cdmsmith.com: 312.346.5000

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.



ADMINISTRATIVE SECRETARY

Greetings Members,

Attached is the May Newsletter in which you will find articles that our board members have been working hard on to get you current information on future events.

Our next meeting will be at Westwood Tavern and Tap 1385 N. Meacham Rd Schaumburg, IL The meeting starts with a 5:30pm Cocktail Hour.

The main presentation will be "Medical Gas Presentation - Tips for Designers, Code Issues and Lessons Learned" by Tim Dance, Medical Gas Certifier and the Manufacturer Spotlight: Symmons

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

Thank you,

David J. Erickson Sr., Administrative Secretary

derickson@symmons.com: 847.287.0922

AYP LIAISON

Hello everyone! This past Thursday, April 23, the ASPE AYP members comingled with the Young Engineers of ASHRAE at the Emerald Loop. Thank you to Meilner Mechanical for sponsoring the evening's festivities. Networking and laughs were had and we can hope to be seeing more of the Young Engineers of ASHRAE at future social and professional events. The next AYP event will be at the River North Headquarters Beercade, keep your eyes peeled for details.

If anyone is interested in joining the AYP committee or leading a seminar, activity, or social, please contact Emily Smith (esmith@primeraeng.com) to discuss details. This group is about you and your needs.

Emily Smith, Chicago Chapter AYP Liaison

esmith@primeraeng.com



CORRESPONDING SECRETARY: INDUSTRY NEWS

All I hope you are all buying 50/50 raffle tickets despite my absence at the ASPE meetings these last 2 months. I promise to return once my classes are all wrapped up, but you might not see me till the golf outing. Hope you are all wrapping up those home improvement projects since the warm weather is coming up... no sense wasting the nice days inside if you can help it!

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, May 21, 5:30 PM

Location: Westwood Tavern & Tap

1385 N. Meacham Rd, Schaumburg, IL

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

American Society of Sanitary Engineering (ASSE)
(<http://www.asse-plumbing.org/index.html>)

Nothing scheduled at the time of this writing...

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, May 21, 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?](http://chicagosfpe.clubexpress.com/content.aspx?page_id=87&club_id=396690&item_id=414063)

[page_id=87&club_id=396690&item_id=414063](http://chicagosfpe.clubexpress.com/content.aspx?page_id=87&club_id=396690&item_id=414063)

Illinois Fire Prevention Association (IFPA)
(www.ifpanet.org)

Past President's Night Out

Date: Tuesday, May 12, 6PM

Location: TBD

Details: <http://www.ifpanet.org/CalendarEvent.aspx?ID=82&PBD=5/1/2015>

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

ASHRAE Illinois Chapter Meeting

Date: Tuesday, May 19, 5:30 PM

Location: Buca Di Beppo

90 Yorktown Mall Dr., Lombard, IL 60148

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

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

RSES Monthly Meeting

Date: Tuesday, May 12, 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 listing events throughout the year that can be found here: <http://www.calendarwiz.com/calendars/calendar.php?crd=pic&op=cal&month=5&year=2015&PHPSESSID=45f1ce63e07654bff4d4aaadd507e79d>

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

Details: <http://www.awwa.org/conferences-education/conferences/annual-conference.aspx>

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: Maddock Industries, Inc. "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.