General Meeting
Thursday November 15, 2007

LaVilla
3638 North Pulaski
Chicago, Illinois
Plenty of Free Parking

Agenda

5:30pm-6:30pm  Cocktail Hour
6:00pm-6:30pm  Primer - Pipe Joining Methods for Mechanical Piping;
                Jim Ness, Jim Ness and Company
6:30pm          Dinner - $25 Members / $30 Non-Members

Menu

- Minestrone Soup
- Garden salad
- Mostaccioli- tomato basil
- Chicken Marsala
- Roast pork
- Green beans almandine
- Oven baked potatoes
- Cake roll

7:45pm  Program: Plumbing Design for Laboratories; Mike Straughn,
        WaterSaver Faucet Co. and Mick Bradford, Russo Sales

RSVP as soon as possible to Bruce Weiss, VP Technical!
- Return the enclosed card for those of you getting this via US Mail
- Call 312.960.8143
- Fax 312.527.8143
- Email bweiss@owpp.com

Local Chapters are not authorized to speak for the Society
PRESIDENT’S MESSAGE

The Plumbers’ charge: To protect the health of the nation!

LEED Confusion?
There seems to be some confusion about LEED:
LEED = Leadership in Energy and Environmental Design.
Leeds = a major city in West Yorkshire, England.
Leed’s = a manufacturer of office supplies, such as portfolios.
I hope that helps!

By the way, are you LEED Certified? – LEED Certification is becoming more
and more important in our plumbing world. While only a limited number
of credits are directly related to plumbing, there is a vital need for more LEED-AP
plumbing engineers and designers. We should all strive to earn our LEED
Certification just as we should all work to become CPD’s and PE’s. And as a
reminder, CIPE is no longer recognized and cannot be used. Hopefully, all
of the CIPE’s upgraded to CPD.

Autumn crosses our threshold and winter knocks at the gate.
But we don’t mind because ASPE runs at full pace!

BAM! October rocked!
Special thanks to Frank Bathauer, the Chief Plumbing Inspector for the City of
Chicago, Department of Buildings, and John Khym, Assistant Chief Plumbing
Inspector for the City of Chicago, Department of Water Management. They
were excellent speakers. What was their primary message? The codes are
minimum standards that we are required to meet. Be an engineer! That’s why
we’re here folks. If you weren’t there, well, BOOHHOO for you. Keep your eyes
open for the new Chicago Green Code.

Don’t miss another meeting! Our November meeting is at La Villa. Look for
more information in this newsletter. Don’t forget to get your RSVP’s to Bruce
Weiss bweiss@owpp.com ASAP! You can win a FREE dinner, just as Phil
Blazic did in October. Send your RSVP and mark your calendars now!

Our 50/50 raffle was earmarked for the Leukemia Research foundation again.
Jason McDonald won the 50/50 raffle and gave it all to the Leukemia Research
Foundation! Very generous, Jason! Next month, the 50/50 raffle will also go to
the LRF. In December, the 50/50 will go to Toys for Tots. We will also collect
toys and/or cash contributions for the Toys for Tots at the December meeting.

ASPTECHNICAL SYMPOSIUM PREVIEW
By the time you read this, the symposium will be in session. I’ll review the
experience in the next issue of ASPE News as will my companions. But I know
this, ASPE just gets better and better. This will be one of the best Symposia
ever. Chicago will have a good presence there. Dan Fagan will share a
presentation on Hi-Rise Design, Joe Ficek will do a CPD Review Class, and we
have a good number of locals attending the event - 13 registered so far. We will
also have our ASPE Chicago banner on display as a sponsor. I’m proud to be a
member of the Chicago Chapter. I’m also proud of our national Board of
Directors. They have finally pulled the magazine into its first surplus! That is
great news. Please read it and support it! It’s one of the perks of membership.

Thanks for your support! See you November 15th at LaVilla!

David DeBord, President

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Donald Johnson
WEBSITE
http://www.aspe.org/Chicago
(“C” is required)
OCTOBER MEETING RECAP

The October meeting was one of the best meetings we have had in a long time. Not only did Frank Bathauer, the Chief Plumbing Inspector of the City of Chicago, speak but he also brought John Khym, the head of the City Water Department. We had an attendance exceeding eighty people and the highest retention rate of attendees staying for the entire meeting that I can remember.

Dick Simms of Deery-Pardue presented a nice primer about secondary supports and the time saving and installation benefits they offer. A big thanks to Deery-Pardue for being the evening’s Beer Laureate.

The Inspectors began their presentation by speaking about the LEED initiatives and programs taking place throughout the City. Their department is starting to address the multitudes of questions that are arising due to gray water and water reuse. Mr. Bathauer did acknowledge that water reuse and conservation are here to stay and the issue is being addressed and it takes time to develop standards of water reuse so that the public safety is ensured and everyone has a level playing field in methodology.

Thank you to everyone who submitted questions. It was surprising that most of the question were very similar. John Khym was there to provide the City policy (although a lot of items are not code, they are the policy and subsequently what is expected at the time of installation). When asked if these policies will ever find their way into the code, one of the Inspectors stated, “The first policy is never to write down the policy.” His honesty drew a huge laugh.

One example of the City’s policies reported by John Khym is that the Water Department has revised its stance on vacuum breakers (VB) at 7'-6" above the finished floor. The Inspectors still want an elevated VB on mop basins and other outlets having hose threads. This is what ASPE stresses, too, because under the right conditions, if you have backflow and a negative pressure at the same time, the stop within the vacuum breaker can float and allow fluid to be sucked into the system. We have seen this happen with glycol. He said that in general, though, we do not need to elevate VB’s depending on the level of hazard. The Water Department policy on external hose bibbs is that they want double-checks (which are testable devices) unless the water goes underground, in which case they want RPZ backflow preventers (also testable) for commercial installations. You can use the built-in type of VB for your house because there is little chance that your home system could draw any contaminants into the City system. Of course, one of the drawbacks of “testable” devices is that they have to be tested. That means they can be located no more than 5'-0" above the finished floor.

Another question answered was the issue of pump basins since cast iron basins are no longer an option. The City is accepting basins that are made of fiberglass and do not have any issues with basins that are of good quality and construction. What Mr. Bathauer was clear about was that the cheap “quality of a garbage can” basins are not acceptable. The most amusing answer was to the question of whether the City of Chicago will ever approve plastic piping for potable water and the reply of “not in my lifetime” drew another huge laugh.

The meeting was very successful and helps in providing a dialog between the plumbing engineering community and the City. The Chicago Chapter extends a HUGE thanks to Frank and John for finding the time to attend our meeting.

WHAT’S IN STORE FOR NOVEMBER

The primer - Mechanical Joints for Piping
Jim Ness of Jim Ness and Company is presenting a very interesting product for our primer. He represents a product that can mechanically join tubing whether it is steel or copper. It is approved for natural gas, medical gas and other mechanical applications. The product provides a flameless joint that not only saves time but also allows joints in areas where brazing and welding are not desired.

The feature presentation - Lab Design
Mick Bradford of Russo Sales and Mike Straughn of WaterSaver Faucet Co. will provide an overview of laboratory design. Laboratories present a challenge to the plumbing engineer because of the additional systems inherent in the design. Unique fixtures such as special waste disposal, uncommon piping, ultra pure water, additional safety requirements that are found in the laboratory environment and the plumbing engineer is responsible for all these systems. Mike will talk briefly on all these topics and also review the gray area of specifications and working with a Laboratory Consultant.
OCTOBER 2007 MEETING ATTENDANCE = 76 PEOPLE

The following list of individuals attended the October 2007 meeting of the ASPE Chicago Chapter. In accordance with ASPE Society policy, these individuals are entitled to 0.75 RU's towards 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.

Sean Allard       Paul Gangloff       John Nowakowski
Julius Ballanco   Gabriel Gomez       Jennifer Ogawa
Brenden Bates     Herb Hymen          Peter Ott
Frank Bathauer    Charlie Ismert      George Pagach
Phil Blazic       Bob Jackson         Gene Poull
Rick Butler       Rafal Janik         Kerbie Reader
Jeremy Cantor     Don Johnson         Dennis Richards
Jeff Cochran      Mark Kaulas         Kelly Ryan
Manuel Cordero    E.J. Kedzie         Tim Sack
Mike Cusack       John Khym           Frank Sanchez
Dan Courtney      Val Kurdaliev       Danielle Schenkoske
Ray Cruz          Frank Lamorgese      Jim Smia
Mike Cwanek       Terry LeBeau        Tim Smith
Bob Dahlmann      Lindsey Lehman      George Sobyra
Maryln Dahlmann   Steve Lipsey        Jeff Steck
Jose DeAvila      Mark Loth           George Swietczak
Dave DeBord       Benden Loughrey     Robert Thompson
Dennis DeMars     Brian Makenas       Mike Vandenbergh
Jamie Diamond     Mark Mannarelli     Harold Weil
James Dipping     Nevo Martelli      Bruce Weiss
Jill Dirksen      Shawn McAuliffe     Dan Whitehead
Mike Dore         Jason McDonald      Lyndsay Whitfield
Dan Fagan         Michael J. McGann    Marion Wnuk
Jim Feeney        James E. McGann     Peter Wu
Jerry Fields      Harold Miller       Tony Navarro
Randy Fiorito

This printing constitutes our record of who was in attendance. We apologize for any misspelling of names and ask that for future sign-ins please print legibly. Thank You!

CORRECTION!

One long-time ASPE Chicago member was mistakenly left off the September 2007 Attendance list - Nevo Martelli of KJWW. Nevo, please accept our apologies. We will try to not let that happen again!
MEMBERSHIP REPORT

Not too much going on Membership wise. We will be releasing the next update to the Membership Directory in November; so, if you want to confirm any changes in your information let me know. Also Affiliates, if you have any changes to your products let me know by November 12th or things will remain the same.

Don’t forget, there is a cool show coming to Chicago McCormick Place the second week in November. It is the Green Building Expo (http://www.greenbuildexpo.org/).

Finally, we will be issuing a Chicago ASPE survey very soon; so, think of some ideas you might want us to consider that could make the Chapter even better than it is!

Rick Butler, Vice President Membership

CORRESPONDING STUFF

IFPA, www.ifpanet.org
Friday, November 9, 2007
Underwriters Laboratories, Inc. – Building 6
333 Pfingsten Road, Northbrook, IL 60062
Pre-Paid Registration Required: $40.00 - payable to Western Illinois University
- Register online at https://www.uluniversity.us/catalog/display
- Or Mail to:
  ILHSN, c/o Prof. Dean Alexander
  Department of Law Enforcement and Justice Administration, Stripes 403H
  Western Illinois University
  1 University Circle
  Macomb, Illinois 61455
  309/298-2120, Fax: 309/298-2187
  E-mail: DC-Alexander@wiu.edu

Illinois PHCC, www.ilphcc.com
Convention Committee Meeting
Tuesday, November 6, 2007; 2:00pm - 4:00pm
Location: Doubletree Hotel – 10 Brickyard Drive, Bloomington, IL
Contact: Shelly Lott
Email: shelly@ilphcc.com
Phone: 217/522-7219

PAMCANI
Lunch Meeting
Wednesday, November 14, 2007; 11:30am - 2:00pm
Location: Shaw’s Crab House, Schaumburg, IL – 847/517-2722

CSI, www.csichicago.com
Chapter Meeting and Program: "Codes, Fire Doors, and Architectural Hardware"; sponsored by Dorma Group North America
Tuesday, November 27; 5:00pm
Union League Club, 65 West Jackson, Chicago, IL
Members complimentary, Non members $40

If there are any organizations you would like to hear from please contact me at jerry@luczak.com.

Jerry Fields, Corresponding Secretary
**PLUMBING BASICS: RIDDLE ME THIS, WOODCHUCK**

How much waste, would a waste pipe carry, if a waste pipe would carry waste?

The table below can be used for design of sewage and wastewater gravity conveying systems where capacities in GPM and the slopes of the pipe lines are known.

<table>
<thead>
<tr>
<th>Size of pipe (inches)</th>
<th>Decline per 100 ft pipe (feet)</th>
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The discharge rate is based on clean water and half-filled pipes.

*David DeBord, President*

**We welcome your comments regarding the Plumbing Basics column and also welcome your OWN articles!! If there is something you think other Chicago Chapter members might find useful, please share that with us. Just contact Newsletter Editor Jason McDonald at jsm@grummanbutkus.com.**

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**SCHEDULE CHANGE**

Please note that our annual **Booster Night** has been rescheduled to **Thursday December 13**. It will be at The Parthenon in Greek Town. We apologize for any inconvenience.
37th Annual ASPE Chicago Chapter Product Show

Thursday, April 17th, 2008
WHITE EAGLE RESTAURANT
6839 Milwaukee Avenue, Niles, Illinois
Phone: (847) 647.0660

Show Hours:
3:30 PM – 8:30 PM

Technical Seminars:
11:30 PM – 4:30 PM
FREE CEU’s Offered
Including IL State CEU’s

- Domestic Booster Pumps
- High-Efficiency Water Heater
- Thermostatic Mixing Valves
- Medical Gas Systems
- LEED for Plumbing Engineers
- And much more!

Buffet Dinner Available (Optional)
5:30 PM – 7:00 PM - $25.00

ATTENTION!!
CPD’S, PE’S & AIA’S
GET YOUR FREE CEU’S
AT THE FINEST LOCAL SHOW IN THE INDUSTRY!

Over 90 Exhibits with more than 500 Products displayed!
Free Door Prizes and Giveaways!

Seminars and Product Show are FREE.

However, you must register at the show in order to get CEU’s
For additional information, contact Frank Sanchez, CPD at (847) 328.3555 Ext. 251,
or e-mail to fxs@grummanbutkus.com
<table>
<thead>
<tr>
<th>DATE</th>
<th>PRIMER</th>
<th>TECHNICAL</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>September 20</td>
<td><strong>Plumbing Pump Controllers; Mike Vandenbergh, Daugherty Sales</strong></td>
<td><strong>Fire Pump Controllers; Jim Moynihan, Chicago Technical Sales/ Firetrol</strong></td>
<td>LaVilla 3638 N Pulaski Chicago</td>
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<tr>
<td>October 18</td>
<td><strong>Secondary Supports; Deery-Pardue &amp; Associates</strong></td>
<td><strong>Chicago Plumbing Code; Frank Bathauer, Chicago Chief Plumbing Inspector</strong></td>
<td>The Parthenon 314 S Halsted Chicago</td>
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<tr>
<td>November 15</td>
<td><strong>Pipe Joining Methods for Mechanical Piping; Jim Ness and Company</strong></td>
<td><strong>Plumbing Design for Labs; Mike Straughn, WaterSaver Faucet Co. and Mick Bradford, Russo Sales</strong></td>
<td>LaVilla 3638 N Pulaski Chicago</td>
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<td>December 13</td>
<td><strong>Change of date!!!</strong></td>
<td><strong>Booster Night; Special Entertainment</strong></td>
<td>The Parthenon 314 S Halsted Chicago</td>
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<td>January 17</td>
<td><strong>General Interceptors; Luczak Sales/ Jay R. Smith</strong></td>
<td><strong>Grease Separators; Deery-Pardue/ Rockford Separators</strong></td>
<td>Stonewood Ale House 601 Mall Drive Schaumburg</td>
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<td>February 21</td>
<td><strong>Pipe Insulation; Tom Ronan, Added Sales/ IMCOA</strong></td>
<td><strong>PEX Design and Standards; Harold Miller, Miller Sales/ Zurn</strong></td>
<td>TBD</td>
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<td>March 20</td>
<td><strong>LEED Calculations; Sloan Valve</strong></td>
<td><strong>Grey Water and Water Recycling; Metropolitan Industries</strong></td>
<td>LaVilla 3638 N Pulaski Chicago</td>
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<td>April 17</td>
<td><strong>Technical Seminars</strong></td>
<td><strong>39th Annual ASPE Chicago Product Show</strong></td>
<td>White Eagle 6839 Milwaukee Ave Niles</td>
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<td>May 15</td>
<td><strong>Elections</strong></td>
<td><strong>Cast Iron Pipe and Standards; Alan Thomas, CISPI</strong></td>
<td>The Parthenon 314 S Halsted Chicago</td>
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<tr>
<td>June 20</td>
<td><strong>Annual ASPE Chicago Golf Outing</strong></td>
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<td>Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates</td>
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