



Chicago ASPENEWS



Chicago Chapter of the American Society of Plumbing Engineers
Vol. 40, No. 11

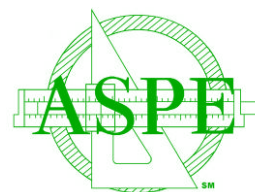
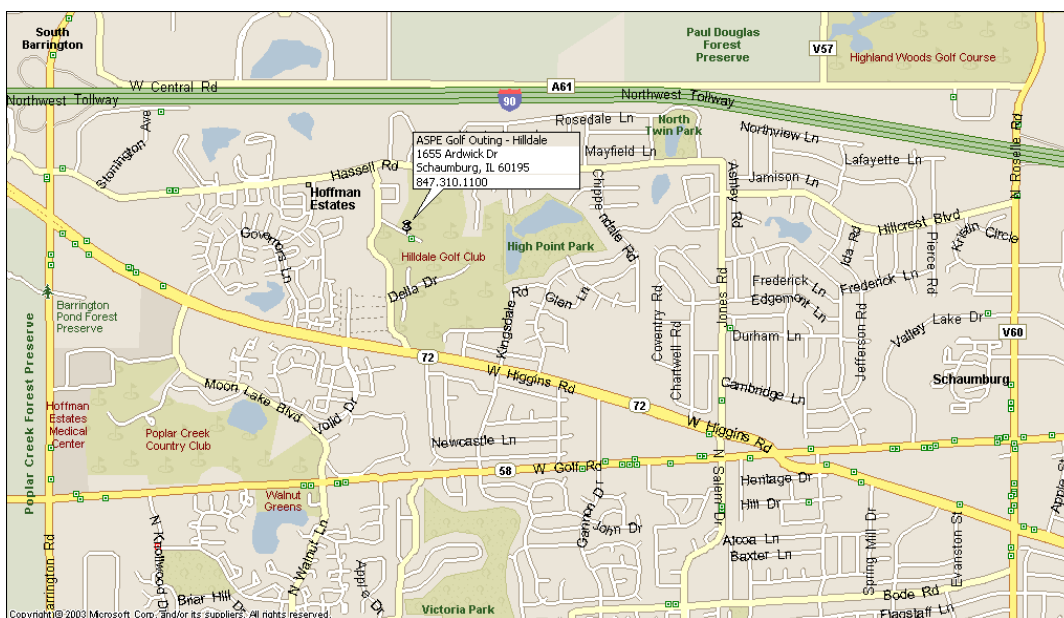
June, 2009

ANNUAL ASPE CHICAGO GOLF OUTING

Friday June 19, 2009

**Hilldale Golf Club; 1625 Ardwick Drive
Hoffman Estates, IL**

(See inside for additional golf outing information)



7:30am

- ◆ Show up, warm up and eat up

8:30am

- ◆ Shotgun tee-off; do NOT be late!

3:00pm

- ◆ Cash bar

4:00pm

- ◆ Buffet Dinner

Special thanks to:

Luczak Sales for providing morning coffee and rolls

Metropolitan Industries for providing the lunch break hot dogs, sausage and chips

Golf Prizes and Door prizes:

No one will leave empty-handed!

Local Chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

Your 2007-2009 Board of Directors' Last Hurrah!

Elections were conducted at the May meeting and the Board is changing a little: I completed my 2-year term as President and I am moving on to other ASPE projects. Jason McDonald will return as our new President. You may recall that Jason was President previous to my term; so, we know that he has experience and knows what to do! Frank Sanchez is moving into the Vice President Technical position, and Mark Mannarelli is moving from the position of Treasurer to Vice President Membership. Rick Butler is moving out of Vice President Membership, a position he has held for some ten years, and into Vice President Legislative. Natalia Dankanich stays on as Administrative Secretary.

We also have two new people on the board.

- **Some say** that one used to work for the CIA.
- **Some say** that the other can open a beer bottle with his ear lobe!

We don't know about any of that, but what we do know, is that we call one of them **.....the Stig!**

Please welcome Sean Allard of Environmental Systems Design (ESD) as our new **Treasurer** and **Peter Wu** of Lehman Design Consultants as our new **Corresponding Secretary!** They both have a lot of energy and will be great additions to the Board.

Linecards!

Affiliates! Don't forget that all sponsors of the ASPE Product Show can have their line cards on our website. Please send them to Jim Moynihan at CTSalesInc@aol.com.

Plan Now to Attend the 2009 ASPE Technical Symposium



AFFILIATES! DID YOU SIGN UP AS A SPONSOR YET? DO IT NOW BEFORE IT'S TOO LATE!

Please visit the ASPE web site for additional information: http://aspe.org/new/Conv_Symp/Symp2009.php



ALL THE KOOL KIDS ARE GOING!

Expand your mind! Get yourself to the 2009 ASPE Technical Symposium! What are you waiting for??? Stay tuned for more details.

(continued on page 3)

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("C" is required)

PRESIDENT'S MESSAGE (continued)

BUT WAIT!!! We're not finished yet!

Our General Membership Meetings are done until September; but we still have two more events this year. One is the **Golf Outing**. The other is the **Kenneth G. Wentink Memorial Ride to the Rock**. We know you want to be there!



Our raffle proceeds from the Product Show will go to the Kenneth G. Wentink Memorial Ride to the Rock benefitting the Leukemia Research Foundation (LRF).

Look for more information on the "Ride to the Rock" in this issue! And **TELL YOUR FRIENDS!** We are looking for volunteers as well as participants. We are planning a family style picnic at the rock. If you would like to help, contact Jason McDonald, our Co-Chairman for this event - JSM@grummanbutkus.com.

Be Careful! Don't drink and dive!

Thank you Jason and Committee Members!

Thanks to all for allowing me to serve as your President.

It was a rewarding experience for me and I will miss it. Thanks to the other Board members for helping to make this a great two years! Especially Jason and Frank for doing things that I would have had to do if it wasn't for them busting their ASPE-hinds! We accomplished many of my goals such as making our technical areas even stronger, which I feel is a vital responsibility of our ASPE Chicago. We also got close to our goal of 400 Members in the Chapter. We are just a few short and I am sure that we will be solid into 400 within the next year or so. We also did our part to help ASPE Society to grow stronger. These are tough times and I think that we are doing great considering all of the trials that we met.

Thanks for your support!

David DeBord, CPD LEED^{AP}; President
ddebord@esdesign.com; 312 456.2359

MAY 2009 MEETING ATTENDANCE

The following list of individuals attended the May 2009 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	Joe Ficek	David Lehman	Tracy Price
Tom Babcock	Otton Finiewicz	Ed Lichner	Mike Remus
Julius Ballanco	Paul Gangloff	Larry Luczak	Ben Rubach
Brian Berg	Gabriel Gomez	Jim Majerowicz	Chris Sbarbaro
Phil Blazic	Herb Hymen	Mark Mannarelli	Dick Simms
Sergio Cano	Mike Imaoka	Nevo Martelli	Charles Sowiski
Jeremy Cantor	Bob Jackson	Omar Martinez	Lynn Vlasschaert
Ken Cutler	Rafal Janik	Jason McDonald	Bruce Weiss
Mike Cwanek	Don Johnson	Jonathan Mesik	Michael Whiteside
Natalia Dankanich	Mark Kaulas	Clay Miller	Dave Wick
Anthony Dauginas	E.J. Kedzie	Greg Nagrant	Chris Wisinski
Dave DeBord	Richard Klaess	Tony Navarro	Mel Withrow
Jill Dirksen	Phill Kroll	George Pagach	Peter Wu
Dan Fagan	Val Kurdaliev	Dave Pardue	
Jim Feeney	Trace Laux	Val Petersons	

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!



BEER, BEER, BEER AND SOME WINE.

Let me start by thanking our Beer Laureate Derry Pardue Associates for providing the fine beer and wine at the May meeting.

Free Dinner

As a few of you mentioned, there was no drawing for a free dinner at the meeting. I would like to have a good reason, but the real reason is I forgot to print the reservations. So in an unofficial ceremony I picked a winner and that winner is:

Jim Feeney of Primera Engineers

You must bring in this news letter page you get a free dinner. So, not only is there the pressure of making a RSVP and then attending, you also need to read the newsletter.

May Meeting Recap

Lynn Vlasschaert of AcornVac provided us with a very good program describing Vacuum Plumbing systems. His program broadly covered how Vacuum Plumbing can be used to provide a viable, cost-saving, environment-friendly alternative to gravity drainage of condensate, gray water and sanitary waste.

Is there really more to ASPE than a Data Book and a Magazine?

If you never come to a meeting this may be all ASPE is to you. A few years ago, a new engineer under my tutelage asked me why he should go to an ASPE meeting and what he will get out of it. I answered him, "You get quite a bit as it turns out; free education, interaction with your peers and exposure to the national Industry." Each ASPE meeting offers a primer and a technical seminar presented by industry professionals. Each meeting creates an opportunity to interact with fellow engineers and affiliates. ASPE also holds national Technical Symposia and Conventions offering advanced learning and networking opportunities. This is a brief recap of what ASPE offers for both personal and professional development opportunities.

So next year, come to the meetings and experience the thrill of live ASPE.

So long and thanks for the memories

As I prepare to relocate to Madison, Wisconsin it is with regret that I leave Chicago and along with it the Chicago Chapter of the American Society of American Plumbing Engineers (ASPE). I have gotten so much out of ASPE and I have been so proud to have been able to serve on the Board of Directors. There are so many people to thank; but I want to call out one person in particular to thank, Joe Ficek, for approaching me all those years ago to participate on the Board. He helped begin quite a long fruitful run of service that will have to continue in another state.

As I depart the Chicago Chapter of ASPE I wanted to acknowledge and thank the Chapter for giving me so many benefits both personal and professional. Being on the Board has given me quite a bit of exposure to the plumbing industry that I don't think I would otherwise have gotten just being a member. I encourage everyone to volunteer and if not for a Board position, maybe as a Product Show volunteer or as an Affiliate putting on a program.

So I say to all the members of the Chicago Chapter of ASPE, thanks for the memories.

Bruce Weiss, CPD LEED^{AP}; Vice President Technical
bweiss@aeieng.com; 312 212.2022





LEGISLATIVE CORNER

The Great City of Chicago Plumbing Code “Informal” Interpretations

Backflow Prevention for Hose Bibbs in Commercial Applications

I recently had a very interesting conversation with Mr. Dennis Riordan, from the City of Chicago. The purpose of my conversation was to discuss the backflow prevention requirements in the

City of Chicago.

We are all very familiar with hose bibbs. As defined by Section 18-29-202 from the Chicago Code, “a hose bibb is a faucet to which a hose may be attached”.

These hose bibbs are used to connect a garden hose and are usually used to clear away debris from sidewalks, clean windows and to provide the maintenance staff with a source of water for miscellaneous uses.

Hose bibbs, also known as sillcocks or wall hydrants come in all shapes and sizes,



Bent Nose
Hose Bibb



No-Kink
Hose Bibb



Quarter-Turn
Hose Bibb

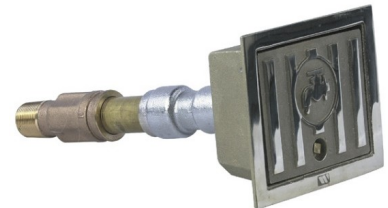
Sillcock with integral vacuum breaker



They are available with integral vacuum breakers. Note the little **mushroom cap**. By the way this is not really a mushroom at all, it is a vacuum breaker. :)



Moderate Climate Wall Hydrant with Chrome Plated Face, Integral Vacuum Breaker



Non-Freeze Wall Hydrant with NB Box, Integral Vacuum Breaker

The combinations and options are almost unlimited. This sounds very simple right? Well, not quite. I was informed that the City is enforcing backflow prevention and isolation to each *individual* hose bibb on commercial applications. This means they are requesting that individual Double Check Backflow preventers be installed. You are reading this right; **one backflow preventer is required per hose bibb.**

Therefore, make a **big bold note** and keep it in mind when your client puts a request for a “few” hose bibbs. Not only do each of those hose bibbs cost a few hundred dollars more, but also, the double check valves must be mounted between 18" and 60" above the finished floor and be easily accessible for annual testing and servicing. This will certainly make you think twice and reconsider if you **really** need those “evil” sillcocks.

Unfortunately, by the time we publish this newsletter, the City has not received my final comments on the subject. I will expand more on the subject next month. Also, I invited them to attend one of our regular meetings so we can have a question and answer session. I am sure this will be a very productive meeting. Stay tuned!!

(continued on page 6)

LEGISLATIVE CORNER.... (continued)

For your reading pleasure, I attached a few code sections from the 2005 City of Chicago Code and the 2004 State of Illinois Plumbing Code that deal with this particular issue. Nevertheless, as it stands right now, one backflow preventer is required per hose bibb.

Read through these code sections and let me know what you think. We may agree that the code does not indicate that double checks are required for hose bibbs. Also, it clearly states that vacuum breakers are the appropriate backflow preventer device to be used for hose bibbs unless you use a non-potable water system.

It is clear I don't agree with this requirement and I am looking for alternative ways to comply with this requirement. Remember that the local authorities having jurisdiction usually have the final word.

At the end, our common goal is to protect the health, welfare and safety of the public. Stay tuned....

Relevant Code Sections

2004 Illinois Plumbing Code Section 890.1140: Special Applications and Installations, section 890.1140.e.2.B,

[...] Non-potable Water: One or more hydrants may be installed for non-potable use if they are isolated from the potable water supply by a properly installed backflow preventer device in accordance with Section 890.1130(f). The hydrants must be clearly identified as non-potable by color (see Section 890.1120) and bear a sign that reads as follows: "This water unsafe for drinking" [...]

2004 Illinois Plumbing Code Section 890.1120 Color Code: Identification of piping.

[...] All piping conveying non-potable water shall be permanently identified by a distinctive yellow-colored paint so that such piping is readily distinguishable from piping carrying potable water. (See USAZ 253.1-1953 Safety Color Code for Marking Physical Hazards and USA AB.1-1956 Scheme for the Identification of Piping Systems. [...])

2005 City of Chicago Plumbing Code Section 18-29-608 Protection of Potable Water Supply

18-29-608.1 General. A potable water supply system shall be designed, installed and maintained in such a manner so as to prevent contamination from nonpotable liquids, solids or gases being introduced into the potable water supply through cross-connections or any other piping connections to the system. Backflow preventer applications shall conform to Table 29(18-29-608.1).

The City of Chicago Plumbing Bureau can be reached at 312.743.7477

Please contact me with your questions and comments. Thank you.

Frank Sanchez, CPD; ASPE Chicago Vice-President Legislative

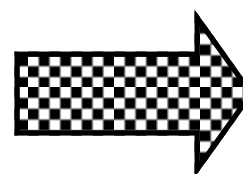
c/o: Grumman/Butkus Associates

820 Davis St., Suite 300

Evanston, IL 60201

Phone: **847.316.9251** <-- new number

Fax: 847.328.4550



PLEASE SEE NEXT PAGE FOR BACKFLOW PREVENTION TABLE

LEGISLATIVE CORNER.... (continued)

*** THIS IS A PARTIAL TABLE ***

TABLE 29(18-29-608.1) APPLICATION FOR BACKFLOW PREVENTERS			
Device	Degree of Hazard ^a	Application ^b	Applicable Standards
Reduced Pressure Principle Backflow Preventer	High or low hazard	Backpressure or backsiphonage sizes 1/4" to 10"	ASSE 1013 AWWA C511 CSA CAN/CSA B64.4
Reduced Pressure Detector Assembly Backflow Preventer	High or low hazard	Backsiphonage or backpressure	ASSE 1047
Double Check Backflow Prevention Assembly	Low hazard	Backpressure or backsiphonage sizes 3/8" to 16"	ASSE 1015 AWWA C510
Dual Check Valve-Type Backflow Preventer	Low hazard	Backpressure or backsiphonage sizes 1/4" to 1"	ASSE 1024
Hose-Connection Vacuum Breaker	High or low hazard	Backsiphonage sizes 1/2", 3/4", 1"	ASSE 1011 CSA CAN/CSA-B64.2
Vacuum Breaker Wall Hydrants, Frost-Resistant, Automatic Draining Type	High or low hazard	Backsiphonage sizes 3/4", 1"	ASSE 1019 CSA CAN/CSA-B64.2.2
Hose Connection Backflow Preventer (Non-Testable)	Low hazard	Low head backpressure, rated working pressure or backsiphonage sizes 1/4" to 10"	ASSE 1052

FOR SI: 1 inch = 25.4 mm.

Notes:

^aLow Hazard—See Pollution (Section 202) and Department of Water requirements.

^bSee Backpressure (Section 202).

See Backpressure, Low Head (Section 202).

See Backsiphonage (Section 202).

^cBreak tank.

^dFor systems using non-food grade chemical additives

NOTE: At one point, I was asked what Section 202 was. This is the General Definitions Section 19 (18-29-202).

FELLOW AFFILIATES



Our Chicago ASPE Chapter monthly meetings have come to a close for another season. Thanks to all who attend and participate in the monthly meetings and Product Show. Your continued support insures the success of our Chapter.

2009 has been a challenging year so far. Due to the economy, we have all had to make some adjustments to our business plans. Hopefully the worst is behind us and things will improve in the near future.

On the brighter side, our annual Golf Outing is this month on Friday June 19 at Hilldale Golf Club in Hoffman Estates. We hope everyone can participate. If you need information on the Golf Outing, contact our Golf Outing chairman Steve Triphahn at WT Engineering. He can be contacted at phone 224 293.6333 or email steve.triphahn@wtengineering.com.

Thanks for your continued support and have a great summer!!

Richard Simms, Affiliate Liaison

dsimms@deery-pardue.com; 847 910.8873



DEAR ASPE CHICAGO MEMBERS,

As you may know, I was recently elected Vice President Technical for the 2009-2010 term. I would like to thank you all for the opportunity to serve. We have a strong Board of Directors and we are all ready to work hard.

I am aware that the VP Technical will require a lot of work and time. However, I am ready to take on the task. I will be planning and directing the Chapter technical activities, meeting schedules and also will be the Chairman of the 2010 ASPE Chicago Product Show.

This is your opportunity to speak up and I am here to listen. I am already collecting information and receiving suggestions for the next year's technical sessions. These sessions will be finalized over the summer, so please feel free to drop a line or give me a phone call to discuss.



- Is there a particular topic you would like us to cover during our regular meetings?
- Do you have an innovative product that you would like to display as a primer?
- Do you know of places where we can have our monthly meetings?
- Are you interested in become a renowned Beer Laureate?
- What type of entertainment would you like to see for Booster Night?

Please let me know. In the meanwhile, I hope you all have a great summer. See you at the ASPE Golf Outing. Regards.

Frank Sanchez, CPD; 2009-2010 Vice President Technical Elect
fxs@grummanbutkus.com; 847 316.9251



MESSAGE FROM THE TREASURER

Hello again from your friendly treasurer and newly appointed VP Membership,

Spring is here. I would like to thank the members of the Chicago Chapter for giving me the opportunity to LEED (get it) Chicago into the new year as VP Membership. I would like to make Chicago the largest Chapter on the planet. Thanks to Rick Butler for his continued efforts to make the Chapter the largest to date. Now onto new business. I have my cousin **VIN-NIE** from New York coming into town soon (not sure when) but he will be providing me with some assistance in both retrieving old members to rejoin and looking for new prospective members to join (hopefully it won't get ugly). All kidding aside, let us all keep the Chicago Chapter the best and strongest through this time of economic change. Thanks.

More water facts:

Have you ever wondered about plumbing in space? Which way does water flow in a weightless environment? Can toilets flush in free-fall? Here on Earth, plumbing is something most of us take for granted. Turn the faucet and water comes rushing out. Flush the toilet and water disappears. On the International Space Station, it's not that simple. And if you spring a leak, the plumbers are all at least 235 miles (378 km) and a rocket launch away.

The plumbing must also have a higher level of cleanliness than systems on Earth. The Station system recycles the urine of the crew and laboratory animals and returns the water, purified, to the drinking supply. The health of the crew is of particular concern in space. Like plumbers, there are few doctors nearby! Microbes are a danger even to the Station itself, as shown by the problems on Mir with fungal growth. Keeping microbe levels in the water supply to an absolute minimum is a necessity. The Station's water recycling system results in sterile, contaminant-free water that is much cleaner and safer than the average tap water on Earth.

Mark G. Mannarelli, Treasurer and VP Membership Elect
mmannarelli@esdesign.com; 312 456.2354



**JUNE 19, 2009
HILLDALE GOLF CLUB**

This year's golf outing is almost sold out – we only have a couple foursomes remaining! You don't want to be left out; so, don't delay in returning your reservation form. This year's outing will be held on June 19, 2009 at Hilldale Country Club in Hoffman Estates. We will start with a "Shot-Gun" tee-off at 8:30am (**please** note the time). Coffee, juice and rolls will be served from 7:30am–8:30am in the snack shop (sponsored by **Luczak Sales**) and beverages will be served throughout the day. There will also be special displays and activities as you play the course. As in years past, lunch will be served between the 9th and 10th holes (sponsored by **Metropolitan Industries**). Shower and locker facilities are available in the clubhouse. Cocktails (cash bar) will begin at 3:00pm with a buffet style dinner to follow at 4:00pm.

The following is a list of this year's hole sponsors to date:

**Miller Sales
Metropolitan Industries
Luczak Sales
MIFAB
Lochinvar
T. J. Higgins
Viessman
Daugherty Sales
Added Sales
AMT
Laars**

**R.C. Sales
Repco Associates
Mid-Continent Marketing
American Standard
Nibco
Bradley
Bornquist
Deery Pardue
Hart, Travers
CLA-Val**

Please consider them when writing your specifications.



Special Thanks to

Luczak Sales

for sponsoring the coffee and rolls

and

Metropolitan Industries

for sponsoring the lunch.



Steve Triphahn, Golf Outing Chairman
224 293.6333



GREETINGS FROM YOUR ADMIN SECRETARY!

As you all know, we have a new Board for the next 2 years. Congrats to all elected Board members and big thanks to all of you for your continued support. It is good to be part of the best Chapter, Chicago ASPE. If there is anything the Board can do to make your ASPE membership more valuable to you, please let us know.

At our May meeting, the 50/50 raffle winner was Anthony Dauginas, former SOM employee. Congratulations, Tony and happy summer to all of you.

Natalia Dankanich, Administrative Secretary
nkd@grummanbutkus.com; 847 328.3555 x208



GREETINGS FELLOW ASPE MEMBERS!

I wanted to say a quick hello and introduce myself to everyone. I am your new Corresponding Secretary Elect for the ASPE Chicago Chapter and work for LEHMAN DESIGN CONSULTANTS. I will do my best to keep you informed about the events and activities going on in the professional plumbing world.

Thank you all for allowing me this opportunity, and I'll see you at the golf outing.

Peter Wu; Corresponding Secretary Elect
pwu@lehmandesigninc.com; 312 201.9733



FUN IN THE SUN AND THE ROAR OF MOTORCYCLES

As heard last month, registration IS open for the **4th annual Kenneth G. Wentink Memorial Ride to the Rock** benefitting the Leukemia Research Foundation (LRF). This ride is open to ALL motorcycles. Just go to www.leukemia-research.org/RidetothRock to register or to find out more information.

The requested donation is \$25 per bike and \$10 for each passenger. Bikes will meet in Glen Ellyn AND Elburn, the first time we have had two meeting places. We traditionally have made a stop in Elburn to pick up other bikers from the far west and northwest suburbs. This time, it will be an official stop! Once everyone is together, we will continue to Starved Rock.

The Glen Ellyn roll out point will include bagels and coffee. For everyone, there will be hot dogs, bratwurst and refreshments at Starved Rock where you can eat your lunch while looking out over the Illinois River. There will be raffles for some outstanding prizes AND even a sit down, fork and knife steak lunch!!

Are you like me and not a motorcycle rider? Or are you MORE like me and don't trust yourself on four wheels, let alone TWO? Well, you are ALSO welcome to join the event. In fact, pack up the family truckster and bring the whole bunch to Starved Rock. If you do this, we ask that you please still register and please give the same requested donation that the motorcycles will be giving. You can take part in the raffles and everything!

Please see the attached flyer and think about joining us for the Ride to the Rock! Bring your friends, family, drinking buddies and everyone!! This is for a great cause and is a wonderful way to honor our friend Ken Wentink. If you have any questions or want to volunteer, please email us at RidetothRock@gmail.com. If you want to register for the event or otherwise make a donation, please do go to www.leukemia-research.org/RidetothRock.

Jason McDonald, Ride to the Rock Co-Chair
jsm@grummanbutkus.com; 847 316.9204





2009 ASPE CHICAGO PRODUCT SHOW SEMINAR ATTENDANCE

The following is a list of individuals who attended the seminars at the ASPE Chicago Chapter Product Show on April 16, 2009 and also signed up for CEU's. In accordance with ASPE Society policy, these individuals are entitled to 1.0 RU's towards the required 24 RU's needed every two years to maintain CPD registration. Seminar attendance is also recognized by the Illinois Department of Professional Regulation to count as 1.0 PDH towards the required 30 PDH's needed every two years to renew Professional Engineering licenses.

2009 IPC Code Update (1.0 PDH/1.0RU/0.1CEU)	Anthony Dauginas Dave DeBord Jose F. DeHoyes Joe Ficek Gabriel Gomez Nicholas Greene Larry Harpster Scott Jagodzinski Mike Karnatz V. Rau Koneru Olena Kovalenko Kenneth Kowols Paul Larson Cabie LaVoit	Joe Leonard Mark Loth Stafford J. Maehas Joe McCleery Frank Miller Bob Mutsch John Nowakowski Ryne Obenauf Ben Obenauf Eric Petzaer Robert Rampetsreiter Chris Rohan Ben Rubach Danielle Schenkoske	Keith Schreiner Keith Seier Bruce Shegarfi Tatyana Sivak Ted Sohn Jeff Steck Robert Thompson Don Ware Mel Withrow
Bariatric Fixture Systems (1.0 PDH/1.0RU/0.1CEU)	John King Val Kurdaliev Joseph Lamonte Joe Leonard Joseph Lewer Mark Loth Joe McCleery Danielle Schenkoske Phil Schreiber		
Reclaimed Water and Water Reuse Requirements (1.0 PDH/1.0RU/0.1CEU)	Ron Grabski Nicholas Greene Ben Ismert Charlie Ismert Rafal Janik Mark Kaulas Olena Kovalenko Paul Larson Yury Lui Ryan Obenauf Bill Peden Eric Petzaer	Rich Ransford Paul Riediner Jose Sanchez Nelson Santos Chris Sbarbaro Keith Schreiner Keith Seier Alex Sirota Tatyana Sivak Chris Sopiartz Vince Treaque	
BIM/REVIT: Plbg Eng and Const'n Coordination (1.0 PDH/1.0RU/0.1CEU)	Anthony Dauginas Rafal Janik Paul Kaight Mike Karnatz Michael Keck John King V. Rau Koneru Olena Kovalenko Kent Kovolenko Val Kurdaliev Paul Larson	Jack Lee Joe Leonard Elena Liokumovich Mark Loth John Marlewski Joe McCleery Frank Miller Bill Peden Sean Rains Dennis Richards Paul Riediner	James Rodriguez Jose Sanchez Nelson Santos Chris Sbarbaro Danielle Schenkoske Emily Smith Ted Sohn Pat Sullivan Lori Tewes Dave Wick

2009 ASPE CHICAGO PRODUCT SHOW SEMINAR ATTENDANCE (continued)

The following is a list of individuals who attended the seminars at the ASPE Chicago Chapter Product Show on April 16, 2009 and also signed up for CEU's. In accordance with ASPE Society policy, these individuals are entitled to 1.0 RU's towards the required 24 RU's needed every two years to maintain CPD registration. Seminar attendance is also recognized by the Illinois Department of Professional Regulation to count as 1.0 PDH towards the required 30 PDH's needed every two years to renew Professional Engineering licenses.

Water Piping and Thermal Expansion (1.0 PDH/1.0RU/0.1CEU) [1.0 STATE CEU] Sergio Alcala Scott Baron Bill Bauer Scott Bernth Gregg Bickus Kevin Brennan Robert Paul Connolly	Dave DeBord Charles Eggert Dennis Erickson Jack Fazio Henry Glazik Herb Hymen Norman Keller Mike Kerrington Pat Kerrington Val Kurdaliev Chris Lavoie	Joseph Lemonte Morris Lieberman Matt Mallas Matt Maniurka Patrick b. Murphy Scott Oak Daniel Patt Joseph Poczatek John Powers Sean Rains Robert Rampetsreiter	Dennis Richards James Sullivan James Sullivan Patrick Sullivan Jr Brandon Taylor Lori Tewes Frank Uzicannan Paul R. Valente Harold Weil Jason Whitfield Nick Zielke	
Alternative Venting Methods (1.0 PDH/1.0RU/0.1CEU) [1.0 STATE CEU] Steve Adams Bill Bauer Scott Bernth Gregg Bickus George Bowbin Kevin Brennan Tom Breu Damon Cameron Jacques Chatain Robert Paul Connolly Manuel Cordero James S. Cuchra George Curren Dave DeBord	Charles Eggert Jack Fazio Henry Glazik Gabriel Gomez Rafal Janik Mike Karnatz E.J. Kedzie Norman Keller Mike Kerrington Pat Kerrington Kenneth Kowols John Kulpit Paul Larson Chris Lavoie Morris Lieberman Elena Liokumovich Stafford J. Machas	Mathew Mallos Matt Maniurka Frank Miller Patrick B. Murphy John Nowakowski Mark Nykowski Scott Oak Ryne Obenauf Ben Obenauf Daniel Patt Bill Peden Eric Petzer Joseph Poczatek John Powers Sean Rains Robert Rampetsreiter Tim Sack	Nelson Santos Chris Sbarbaro Keith Schreiner Emily Smith Ted Sohn James Sullivan James Sullivan Robert Thompson Frank Uzicannan Paul R. Valente Don Ware Harold Weil Mel Withrow Nick Zielke	
Booster Pumps - Variable Speed Drives (1.0 PDH/1.0RU/0.1CEU) [1.0 STATE CEU] Scott Bernth Gregg Bickus Kevin Brennan Mike Castellano Robert Paul Connolly James S. Cuchra George Curren	Mike Dailey Dave DeBord Dennis Erickson Jack Fazio Henry Glazik Herb Hymen Norman Keller Mike Kerrington Pat Kerrington Chris Lavoie Morris Lieberman	Stafford J. Machas Matt Mallas Matt Maniurka John Marlewski Patrick B. Murphy Scott Oak Daniel Patt Joseph Poczatek John Powers Robert Rampetsreiter Dennis Richards	Bruce Shegarfi Ted Sohn William Stelter James Sullivan James Sullivan Filadelfo T. Tugade Jerry Tugade Frank Uzicannan Harold Weil Nick Zielke	
Commercial Plumbing Fixtures and Trim (1.0 PDH/1.0RU/0.1CEU) [1.0 STATE CEU] Scott Baron Gregg Bickus Kevin Brennan Robert Paul Connolly	Dennis Erickson Jack Fazio Henry Glazik Kirk Gruben E.J. Kedzie Norman Keller Mike Kerrington Pat Kerrington	Chris Lavoie Matt Maniurka Patrick B. Murphy Scott Oak Joseph Poczatek John Powers Robert Rampetsreiter Bruce Shegarfi	James Sullivan James Sullivan Sara Theodore Frank Uzicannan Harold Weil Nick Zielke	

2009 ASPE CHICAGO PRODUCT SHOW SEMINAR ATTENDANCE (continued)

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Accessibility Codes and Requirements (1.0 PDH/1.0RU/0.1CEU) Aris Avanessian Jack Block	Otton Finiewicz Herb Hymen E.J. Kedzie John P. King Jonathon Kulpit	Mark Mannarelli Alex Sirota Emily Smith Sara Theodore	
Chemical Waste Systems and Tanks (1.0 PDH/1.0RU/0.1CEU) Brian Berg Jr. Dennis Erickson Otton Finiewicz Herb Hymen Mike Imaoka	Kevin Klamm Bruce Langele Mark Mannarelli Tom Matera Bob Mutsch Dennis Richards Ben Rubach Cindy Schade	Keith Seier Bruce Shegarfi James Sirota George Sobyra James Spurney Lori Tewes Sara Theodore	
Steam Fired Water Heaters and Controls (1.0 PDH/1.0RU/0.1CEU) Scott Baron Tom Breu Jacques Chatain	Otton Finiewicz Tom Gach James Gagalsw E.J. Kedzie Paul Knight Val Kurdaliev	Bruce Langele Mark Mannarelli Bob Mutsch David Ostrum Bill Pope Ben Rubach	Lori Tewes Sara Theodore
Fire Pump Controllers Starting Methods (1.0 PDH/1.0RU/0.1CEU) George Bowbin Tom Breu Jacques Chatain Todd Cooper Charles Eggert	Otton Finiewicz Mike Imaoka Scott Jagodzinski Joseph LaMoorte Bruce Langele Yury Luier Stafford J. Maehas Mark Mannarelli	John Nowakowski Ryan Obenauf Daniel Patt Eric Petzaer Pat Quinn Larry Raddatz Alex Sirota Bill Stelter	Robert Thompson Vince Treaque Paul Valente Don Ware



"I should've been a plumber."
- George W. Bush

AS I KNOW IT - YOU CAN DRIVE REALLY REALLY FAST IF YOU HAVE AN.....

Remember that this is only the BASICS. There are many other considerations. This is based on Chicago Code and may not suit your application. 8^)




MORAL OF THIS STORY: Be fast!

Peace, Love, and Plumbing,

David DeBord, CPD LEED^{AP}; President
ddebord@esdesign.com; 312 456.2359



2008-2009 ASPE Chicago Chapter Meeting Schedule

DATE	PRIMER	TECHNICAL PRESENTATION	LOCATION
September 18	Zero Power Fixtures; Repco Associates	Plumbing Fixtures and LEED; Kohler Company	<i>LaVilla 3638 N Pulaski Chicago</i>
October 16	Water Heater Controls; Luczak Sales	High Efficiency Water Heaters - When is the Proper Application?	<i>The Parthenon 314 S Halsted Chicago</i>
November 20	Medical Gas Inlets/Outlets; Ohio Medical	Booster Pumps - Variable Speed Drives and their Implications on Booster Pumps; Advanced Mechanical Technologies	<i>Rosewood Restaurant 9421 Higgins Rosemont, IL</i>
December 18	Booster Night; <i>Special Entertainment</i>		<i>LaVilla 3638 N Pulaski Chicago</i>
January 15	Acid Waste and High Purity Piping; Zurn Acid Waste Piping	Alternative Venting Methods; George Swietczak, Village of Villa Park Plumbing Inspector	<i>Rosewood Restaurant 9421 Higgins Rosemont, IL</i>
February 19	Sprinkler Heads and Cover Plates; Viking	Clean Agent Fire Systems and Proper Room Design; Reliable Fire Equipment	<i>The Parthenon 314 S Halsted Chicago</i>
March 19	Point-of-use Water Heaters; Chronometer & Deery-Pardue	Solar Water Heating; Bornquist	<i>LaVilla 3638 N Pulaski Chicago</i>
April 16	Technical Seminars	38th Annual ASPE Chicago Product Show	<i>White Eagle 6839 Milwaukee Ave Niles</i>
May 21	Elections	Vacuum Plumbing Systems; AcornVac / Deery-Pardue	<i>The Parthenon 314 S Halsted Chicago</i>
June 19	 Annual ASPE Chicago Golf Outing 	<i>Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates</i>	
July 18	 Kenneth G. Wentink Memorial Ride to the Rock 	<i>Chicagoland to Starved Rock</i>	