

# ASPE NEWS

American Society of Plumbing Engineers

## Eastern Michigan Chapter

www.aspe.org/Eastern\_Michigan

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Vol. 12, Issue 5

### Plumbing Design Classes

**Date:** Tuesday, January 20, 2009  
**Where:** Plumbing Training Center  
1911 Ring Dr, Troy, MI  
*SEE map on back page*

#### ASPE HANDBOOK CLASSES

3:30 - 5:30 PM

**Basic:** Domestic Cold Water & Code  
**Adv:** Green Plumbing

#### DINNER

5:30 - 6:00 PM

**Cost:** ASPE, ASSE, MBPA Mbrs: NC  
Non-members: \$15.00 FOR DINNER

#### DESIGN CLASS

6:00 - 8:30 PM

**Topic:** Radiant Controls  
**Speaker:** Rob Buyze  
*See page 3 for program & bio*

*See the full event schedule on our web site.*

#### REGISTRATION REQUIRED

RSVP by the **Friday** prior  
to day of class

**Ed Hawley, VP Tech:**  
**(248) 656-8253 phone**  
**ehawley2382@wideopenwest.com**

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## PRESIDENT'S REPORT

John R. Nussbaum, IPP, FASSE



On November 20, 2008, Esteban Cabello and I were off to the ASSE Annual Meeting in Orlando, Florida, where we hooked up with Paul Bladdick, Barry Pines, Ron George and Ron Chapman. I was sent there to ask that the working group and committee positions, vacated by Carl Schroeder when he retired, be assigned to Paul Baker (UA Instructor at the Plumbing Industry Training Center). Those vacated positions were on the Cross Connection Control Technical Committee, Chapter Officers Training Committee, Code Committee,

Professional Qualifications Standards Committee, 1020 Working Group, and the Series 5000 Working Group. Carl Schroeder, Michigan Chapter ASSE's representative, served the American Society of Sanitary Engineering over eleven years dating back to 1997. Paul Baker, ASSE Michigan Chapter past president, worked his way up through the chairs starting when he was the apprentice plumber liaison to the Chapter's board of directors. Esteban and I both spoke at the Al Cohen Memorial Presidents Liaison Conference. Our presentations were about the ASPE/ASSE joint education monthly meetings and about the support of our partners the Manufacturer's local Representative firms. We handed out a copy of the ASPE/ASSE Plumbing Design & Hand Book Classes 2008-2009 to each attendee. There were lots of praise and questions, resulting in the request to have our newsletter posted to the ASSE web site's Michigan Chapter page. Esteban and I were well received by everyone in attendance where ever we went at the conference. Ron George sat in on the Manufacturers Advisory Committee meeting. At the board of directors meeting, the rules were suspended and the proposed bylaw changes were tabled till the 2009 annual meeting.

Pat Sugrue reported to the board the suggestions put forth at the Al Cohen Presidents Conference, the main one being to have the annual meetings return to places having large populations of plumbing industry people and an ASSE Chapter to draw from to boost attendance. They also recommended that first consideration be given to cities/areas where the local ASSE chapter indicated interest in having the annual meeting. The ASSE 2009 Annual Meeting will take place in San Antonio, Texas, on November 17-21, 2009. The next E. J. Zimmer Technical Seminar is entitled "Myth-Busters".

**Election Results** - Those elected to the ASSE International Officers and Directors were President Rich Prospal (Northern Ohio Chapter), 1st Vice President Linden Raimer (Retired), 2nd Vice President Ron Murray (UA Local 290), 3rd Vice President James Bickford (Florida Chapter), Treasurer

*continued on page 4*

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## ASSE Michigan Chapter

Annual Meeting and Awards Banquet

Saturday, January 31, 2009

Shriners Conference Center  
24350 Southfield Road - Southfield, MI

A ticket /registration form is now available  
on the ASPE EMC website.

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# January Tech Program

## Radiant Controls



Rob Buyze

**Rob Buyze**, President of HS/Buy-Van, has been with the company for the last 20 years. Prior to that, he has worked as an electrician and has done laser alignment and training and repair of construction lasers. He is experienced with hydronic heating systems, including Tekmar Controls, Uponor Radiant and Plumbing Systems, Grundfos Pumps, Triangle Tube Boilers, Burnham Boilers and Honeywell

Water Products. He's an associate member of ASHRAE, RPA, ACCA, and MPMCA.

**Program:** Control strategies for heating and cooling incorporating both air and water systems: (1) We will be covering outdoor temperature reset with indoor feedback to maximize efficiency; (2) Water temperature controls covering both variable speed injection systems; 3 and 4 way mixing valves; (3) Network control systems to include cooling groups, zone synchronization, shared schedules and scenes; (4) Snowmelt control systems including both manual and automatic snow/ice detection.

# VP TECHNICAL REPORT

## Edwin Louis Hawley, CPD



Special thanks to guest speaker, Rudi Tillmann, who gave us December's design class on Applied Hydronic Radiant Heating and Cooling. The presentation covered hydronic radiant heating and cooling as an energy efficient and comfortable technology, an alternative to solely air-based heating and cooling systems. Discussion included design overview and features/benefits of radiant heating and cooling

systems, performances and limitations of water-based radiant heating and cooling systems, and Rudi indicated a number of applications with targeted and needed results. The talk and handouts were very good in covering the various segments to design considerations and how to be able to deal with any of their limitations.

Remember to thank the wonderful Tabletop Sponsors for their support, with a visit to their displays and introduce yourself making the personnel contacts that are so valuable later when they can help you with your problems or at times when you have tough questions.

Viega Speaker and Tabletop Sponsor representatives:

- ◆ Rudi Tillmann – Viega ProRadiant Manager and guest speaker
- ◆ Lino Santoro – Viega ProRadiant National Sales Manager
- ◆ Dann Holmes – Viega District Manager
- ◆ Mathew Holmes – Interested High School Student

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- ◆ Mike Kimmel – Representative

**Attention all members of ASPE**, even if you're not working, PLEASE continue to keep up all your basic skills. One way is to attend all of ASPE'S meetings...to get involved, maybe volunteering to be an Officer or Board member helping us to make it a greater Chapter. Give it a try! You might be surprised how well you can fit in, and even enjoy the company.

The voters wanted CHANGE and they will get many, some they wish they had never even given thought to! So, we must prepare ourselves daily with all our abilities that we can muster. The American people have always risen to the occasion with greater results, efforts, determination, resolve, to reach complete success. Good Luck to all Americans.

January's program presenter, Rob Buyze, will introduce us to control strategies for heating and cooling incorporating both air and water systems including temperature feedback for designing outdoor and indoor to maximum efficiency, covering all types of controls for manual and automatic systems. A MUST SEE seminar to upgrade to the latest technical methods of solving system operations. SEE you all on January 20, 2009. Let's have a fantastic attendance and set a new record by registering early or as soon as you can. Thanks!

*Ed, VP Tech*

## SPECIAL ANNOUNCEMENT

The next scheduled  
CPD exam  
will take place on  
April 17 or 18, 2009.

Registration opens  
January 5, 2009.

## DON'T MISS

### NEXT MONTH'S DESIGN CLASS

FEBRUARY 17, 2009

Solar Today  
"What's New Under the Sun"

Presenter: Bob Rohr



## President's Report

continued from page 1

John Flader (Illinois Chapter), Executive Director Shannon Corcoran (Northern Ohio Chapter), Immediate Past President Joseph Fugelo (Pennsylvania Chapter), Region 8 at Large Director Robert D Tesar (Northern Ohio Chapter), Region 1 Director Donald Kool (UA local 290), Region 2 Director Central Don Reichartz (Retired), Region 3 Director S. Central John Jordan Jr. (City of Houston), Region 4 Director Midwest Richard Morin (Retired), Region 5 Director Southeast Kevin Fennell (Broward County), Region 6 East Director Edward Lyczko (Ohio Chapter), Region 7 Director Sean Cleary IAPMO.

**National Awards** - The Henry B. Davis Award was presented to Patrick Sugrue, IPP, FASSE, of the Northern Ohio Chapter. No Fellow Awards were given this year. You may go to the ASSE web site ([www.asse-plumbing.org](http://www.asse-plumbing.org)) for other award recipients.

E.J. Zimmer Technical Seminar Courses with the theme this year, "It's Easy Being Green", included: Environmental Aspects of Plumbing, EPA WaterSense Program, Food Waste Disposers: Overlooked & Misunderstood, Solar Energy & Water, Green Medical Gas, Green Plumbing & the International Residential Code, IAPMO Green Supplemental Code, and "It's Not Easy Being Green" presented by Ron George of the Michigan Chapter.

**Product Showcase Presentations** - Showcased this year were Apollo Valves / Conbraco Industries, InSinkErator, MIFAB, Wilkins, Division of Zurn Industries, AquaOne Technologies / Fu San Valve, Kohler Company, Proset, and Zurn Engineered Water Solutions.

Paul Bladdick's grandson James "Jake" Vlisides was awarded Scholarship money as well as Ron George's Ryan Beaudrie. James was present to receive the Scholarship award in person and gave a nice thank-you speech to the banquet attendees which was appreciated.

Your president,  
John Nussbaum

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and that each New Year  
will be better than the last.  
May you realize your fondest dreams  
and take time to recognize and enjoy  
each and every blessing.*

*Happy New Year,  
And many more!*

Dumb/Fun Sports quotes...who said it?

1. "Baseball is 90% mental - the other half is physical."
2. "I'm the football coach around here and don't you remember it."
3. "I feel like I'm the best, but you're not going to get me to say that."
4. "I quit school in the sixth grade because of pneumonia. Not because I had it, but because I couldn't spell it."
5. "That's what I call the ultimate laxative."

1. The Wis-Dumb of MLB's catcher/manager. Yogi Berra, 2. "Coach Pete" Bill Peterson coached football at Florida State from 1960-1979, 3. The legendary Jerry Lee Rice, former NFL wide receiver, 4. American boxing great, Rocky Graziano (b. 1919 - d. 1990), 5. Former Canadian Prime Minister of Sports and world figure skating champion Otto Jelinek, after riding the huge down the Winter Olympics course.

# DECEMBER TECHNICAL DESIGN CLASS

Wes Patton, Photographer



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# GREAT REFERENCE BOOK

The American Society of Plumbing Engineers - Eastern Michigan Chapter is offering this fantastic reference publication to *ANYONE* interested at an *AMAZING PRICE...*

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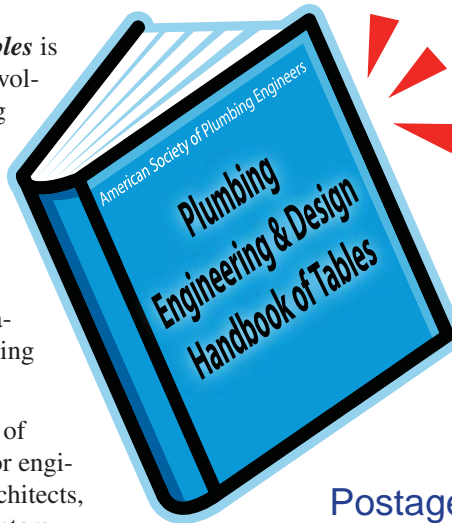
Virtually all engineers, designers and contractors have a plethora of books, from engineering texts and engineering guides to the Cameron Hydraulic Data book to the ASPE Plumbing Engineering Design Handbooks, just to name a few. In addition, there are various tables provided by every imaginable manufacturer, plus what is undoubtedly available on your computer—from manufacturer calculation programs to Excel calculation spreadsheets for the major equations used in the profession.

So why this book? Because like most engineers and designers, you enjoy the tactile feel of looking up data and information in a book, a book that can fit right next to you on your work surface and requires no starting of computer programs and choosing what might be needed. This book is the one you will always keep right at your your side for instant access to the everyday data you need.

The *Plumbing Engineering & Design Handbook of Tables* is a comprehensive reference tool that offers in one source volume all the equations, sizing tables and other engineering and design tables used by plumbing engineers, designers and contractors on a daily basis. The book includes applicable tables and information from the major plumbing codes and standards used throughout the U.S.

This unique book is a collaborative effort of plumbing engineers and designers. It provides the data and information used every day to engineer, design and install plumbing systems.

The handbook (6" x 9", with approximately 2,400 pages of equations and tables) is a working guide and reference for engineers, plumbing system designers, plumbing officials, architects, plant engineers, inspectors, journeymen, students, contractors, builders, and all those associated with the plumbing and contracting industry. It provides data and tables in an easy-to-use and understand format.



### INSIDE *Plumbing Engineering and Design Handbook of Tables*:

- 01-Manning Equation: Tables
- 02-Hazen Williams Equation: Tables
- 03-Darcy Weisbach Equation: Tables
- 04-Fixtures-Drains-Vents Tables
- 05-Cold Water Systems Tables
- 06-Domestic Hot Water Systems Tables
- 07-Storm Drainage Rates Tables
- 08-Vacuum Systems Tables
- 09-Fuel Gas Tables
- 10-Natural Gas Tables
- 11-Propane Gas Tables
- 12-Conversion Appendices Tables

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# ASPE NEWS

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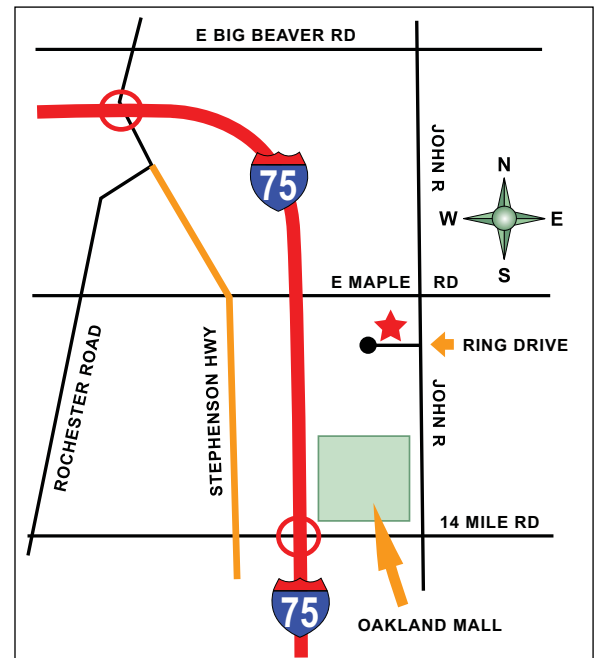
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### Map to the Plumbing Industry Training Center 1911 Ring Drive - Troy, MI West of and off John R, north of 14 Mile Rd.



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