

# ASPE NEWS

American Society of Plumbing Engineers  
**Eastern Michigan Chapter**  
[www.aspe.org/Eastern\\_Michigan](http://www.aspe.org/Eastern_Michigan)

Serving our membership since 1975

Vol. 8, Issue 9



The Region 2 President's Meeting was held in Columbus, OH, Saturday, June 11<sup>th</sup> with all 11 presidents (Eastern MI – Esteban is front and center!) from our region in attendance, including society board member Norm Parks, Vice President of Education.

## PRESIDENT'S REPORT

Esteban Cabello, PE, CIPE



Our May meeting concludes another year for this chapter as summer begins and everyone enjoys our warm weather. I would like to thank Cindy Zatto and V.E. Sales for sponsoring the May meeting. I thank Ron Chapman for putting on an interesting PowerPoint presentation and discussion on backflow preventers.

Elections were held and five board members retired. I would like to recognize these five people for serving on the board and helping make this chapter an enjoyable

and successful chapter. They are Wes Patton, Ron George, Brett Young, William Grayzar, and Doug Cryer. As you can guess, a lot of new faces will soon make up your new board next year. I wish everyone a safe and enjoyable summer as our new board prepares for the coming year.

Your president,  
 Esteban

## Honoring Commitment



Pictured left to right are Ed Hawley (30 years), George Johnston (25 years) and Ron George (25 years) as they are recognized with ASPE year pins by President Esteban Cabello for their many years of ASPE membership and commitment to the industry. Congratulations, gentlemen!

## Board Election Results

Pictured left to right are Esteban Cabello, George Johnston, Cindy Zatto, Phillip McCrory and John Snyder as they take the oath of office as your newly elected executive board.



### Presenting your 2005-2006 officers:

- President – Esteban Cabello
- V.P. Technical – Phil McCrory
- V.P. Legislative – *Open (Contact Esteban if you are interested in serving)*
- V.P. Membership – Cindy Zatto
- Treasurer – John Snyder
- Administrative Secretary – John Nussbaum
- Corresponding Secretary – George Johnston

## inside...

Professor Plumber sez .....	3
May Technical Program .....	3
Dan Holohan Seminar .....	4
John E. Matthews Scholarship Fund .....	5
ASPE Plumbing Code Summit .....	5
Sponsors Listing .....	6

CONGRATULATIONS to our newly elected officers!

"To reach your own goals and dreams, you must learn how to assist others in reaching theirs."

- Joe Gibbs

"The trouble with being punctual is that nobody's there to appreciate it."

- Franklin P. Jones

ASPE News is published 10 times per year (September through May, plus one summer issue). Yearly advertising rates are \$250.00 per ad for members and \$300.00 for non-members. Insert advertisements are \$250.00 per newsletter for one oz., \$100 for every oz. over. Help Wanted ads, fifty words or less, \$100.00 per issue. For quarter-page and half-page product ads, please contact Mary Chapman. Checks should be made payable to ASPE E. Mich. Chapter and send check with inserts or ad to Mary Chapman. Circulation 400-Distributed to: Engineers, Contractors, Inspectors, and other industry professionals in Michigan. For contributing articles contact Mary Chapman, Newsletter Editor at: [mary@pmcdetroit.com](mailto:mary@pmcdetroit.com).

## Our Reputation is Stainless



**MIFAB®**

Access Doors • Cleanouts • Drains • Fixture Carriers  
Hydrants • Interceptors • Specialty Products  
Trap Seal Primers • Trench Drains



Quality Water & Air, Inc.  
1402 Souter  
Troy, MI 48083

(248) 589-8010 fax: (248) 589-8016

[qualitywaterair@cs.com](mailto:qualitywaterair@cs.com) / [www.qualitywaterair.com](http://www.qualitywaterair.com)

Leonard Valve  
is Proud to Announce  
**Balfrey &  
Johnston, Inc.**  
Will Represent its Line of  
Thermostatic Mixing Valves in  
Michigan

**Balfrey & Johnston, Inc.**  
George Johnston  
P.O. Box 37317  
Oak Park, MI 48237  
313-864-2800



## SOLIS™

Sloan's Solar-Powered Faucet  
Conserves Energy and Water

Sloan's new SOLIS™ EAF-275 operates off energy created from ambient light through its integrated Power Plant storage cell, making it the ideal faucet for LEED® efforts.

- 0.5 gpm aerator regulates water flow
- Electronic sensor automatically turns water on/off
- Integral temperature control



Contact:

**DIVERSIFIED SPEC. SALES**

248-398-2400 or fax your request to:

**SLOAN®**

800-501-3989

[www.sloanvalve.com](http://www.sloanvalve.com)



# Professor Plumber sez...

## Bill Grayzar, CPD VP Education

### Reminder "2005 CPD Examination"

For those interested in taking the 2005 CPD Examination, the test will be held on **October 30<sup>th</sup>, 2005** at the **Crown Plaza Hotel in Rosemont, Illinois**. The test will begin promptly at **2:00 pm** and will end promptly at **5:30 pm**. This will be part of the 2005 Technical Symposium to be held in Rosemont, Illinois.

To be eligible to take the CPD Examination, you must possess a minimum of four (4) years practical experience in a position of responsibility for the design of plumbing systems and possess a baccalaureate degree in a field related to engineering. In lieu of an accredited degree, a candidate may substitute up to four (4) years practical experience in the design of plumbing systems (for a total of eight (8) years) or be granted a credit of one-half year of practical experience for each one (1) full-year of education in an accredited curriculum related to plumbing engineering.

The **registration deadline** for the exam is **September 30<sup>th</sup>, 2005**. Registration is **\$375.00** for members and **\$575.00** for non-members and can be done online at [www.aspe.org](http://www.aspe.org). If you are also registering for the Technical Symposium in Rosemont, Illinois, then the registration fees for the exam will be reduced to \$300.00 dollars for members and \$525.00 for non-members.

The exam will once again be 100 multiple-choice questions covering the following five categories:

- ▼ Gathering information
- ▼ Administration
- ▼ Design
- ▼ Specifications
- ▼ Construction services

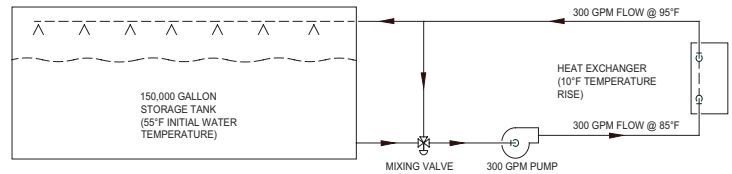
For more information about the CPD Exam, you can download the bulletin at the above mentioned web site or contact the ASPE office at (773) 693-2773.

### "Test Your Skills" Answer for the ASPE-EMC May Newsletter Question

In the following diagram 85°F water is being pumped from a holding tank at a rate of 300 gpm through a heat exchanger with a 10°F temperature rise. A three-way mixing valve is utilized to maintain a constant 85°F water temperature to the heat exchanger.

Given a tank capacity of 150,000 gallons of 55°F water at start-up and forgetting heat gain from the pump and heat loss from the tank, how long will it take for the water in the tank to rise to 85°F?

**ANSWER:**



First determine the overall btu capacity available in 150,000 gallons of water at a 30°F temperature rise by using the following calculation.

$$(150,000 \text{ gal}) \times (8.33 \text{ lb/gal}) \times (1 \text{ btu/(lb-}^\circ\text{F)}) \times (30^\circ\text{F}) = 37,485,000 \text{ btu}$$

Next determine the rate at which the btu are being used.

$$(300 \text{ gpm}) \times (10^\circ\text{F}) \times (500) = 1,500,000 \text{ btu/h}$$

Finally simply divide the btu available by the rate of use to determine the amount of time it will take for the water temperature to rise 30°F

$$(37,485,000 \text{ btu}) / (1,500,000 \text{ btu/h}) = 25 \text{ hours}$$

*So the answer is:*

**It will take 25 hours before the water temperature in the holding tank reaches 85°F.**

*Have a great summer! I will see you at the next ASPE meeting in September.*

Bill

## May Technical Program



Last month, Ron Chapman, past president of ABPA, did an excellent job of covering backflow preventers. Ron's presentation covered codes, standards, applications for the various types of backflow prevention methods and proper installation to allow for testing. He also showed various pictures of common installation problems. Thanks go out to Ron for a first-class presentation.

# Steam & Hydronic Systems Seminar a Success

Dan Holohan entertained and educated his audience with great stories.



Ron George and guest speaker, Dan Holohan

On April 28<sup>th</sup>, the Eastern Michigan Chapter sponsored a Troubleshooting Steam & Hydronic Systems Seminar. The speaker was Dan Holohan and he did a great job of covering the subject. Originally, the seminar was planned for 100 people, but registration soon swelled. Registrations surpassed 150 people about 3 weeks before the seminar. A call was placed to the banquet hall and they increased the seating to accommodate up to 200 people. Soon after, registrations surpassed 200 people and another adjustment was made in the number of attendees. The final registration count was 221 people. There were various manufacturers that displayed steam and hydronic products for the attendees to view. **Thanks go out to the following sponsors:** ASHRAE Michigan Chapter; Metro Detroit Plumbing & Mechanical Contractors Association; Eastern Michigan Radiant Panel Association; R.L. Deppmann Co. Inc.; K.L. McCoy Associates Inc.; Balfrey & Johnston Inc.; Performance Engineering Group; Merlo Steam Equipment; Harrison Pipe & Supply; Van Egmond Sales; Viega; Sales Service Plus and D.J. Conley Associates.

Attendees received a handsome certificate suitable for framing along with .8 Continuing Education Units (CEUs), along with about 20 years worth of stories and experiences from the speaker, Dan Holohan. Ron George, CIPE/CPD, President of Ron George Design & Consulting Services was the seminar coordinator. When asked about the success of the program Ron said "This seminar was more than a home run, it was a grand slam!"



## Scholarship Established John E. Matthews Scholarship Fund

The Michigan Chapter of the American Society of Sanitary Engineering, through a generous \$5,000 bequest from Dennis Matthews (John's son), has started a scholarship fund in the name of John E. Matthews, P.E. CIPE FASSE, who passed away in May of 2004. The objective is to help defray costs of third-year mechanical engineering students enrolled in an accredited engineering school, college or university. The student must be seeking the mechanical engineering degree in HVACR and specializing in plumbing.



John E. Matthews

Dennis indicated his father would have embraced the idea of a scholarship because John expressed deep concern over the decline of mechanical engineers working in the field of plumbing. Even those who are attending our joint ASPE/ASSE meetings are aging and our numbers are dwindling due to attrition.

With our two chapters working closely together, we should be able to raise funds annually for the purpose as stated. The ultimate beneficiaries will be the A&E firms, contractors and the buyers of plumbing and mechanical systems.

Donations from plumbing and mechanical associations, labor organizations, manufacturers and their representatives, and individuals would be welcomed and greatly appreciated.

The guidelines and forms are now in place. However, it is recommended that funds should reach at least \$15,000 prior to seeking scholarship candidates.

The scholarship fund committee consists of:

Bill Weidendorf, ASSE Chapter President  
John Nussbaum, IPP FASSE, ASSE Administrative Secretary  
Esteban Cabello, PE CIPE, ASPE-EMC President/ ASSE MI Chapter Director  
Paul Bladdick, FASSE/ASSE MI Chapter Past President  
Robert Ciesliga, CIPE, ASSE MI Chapter Director  
Dennis Matthews, CPA, Scholarship Fund Treasurer

The ASSE Chapter bylaws are in the process of being amended to authorize and accept the establishment of the fund. Further information may be obtained by contacting John Nussbaum at (313) 341-7661 ext. 211 or any member of the board of directors or the scholarship committee.



## Plumbing Code Summit ASPE Hosts "One Code Summit"

On May 20th, ASPE hosted a "One Code Summit" at the Crown Plaza Hotel in Rosemont, IL. About 27 people attended, representing various segments of the industry. Many of the attendees were local attendees from the Midwest region participating on behalf of their organization. Many manufacturers were represented along with representatives from the two model code organizations.



The meeting started out with two presentations on the reasons why we should not have one code. One of the speakers was Julius Ballanco, ASPE's V.P. Legislative. He gave a presentation on why there should not be one code. Competition was one of the reasons he stated for keeping things they way they are. He did mention that most people would probably think he would be in support of one code because of all of his columns in the trade publications over the years calling for one code. ASPE's Vice President Legislative Ray Moore gave a presentation on why there should be one plumbing code code. After the presentations, ASPE's President served as moderator for an open discussion on the pros and cons of having one code.

It seemed there were more questions raised than were answered. Most engineers and manufacturers in attendance seemed to favor one code. Many regulators were concerned they may lose the right to have local amendments. At the end of the day, ASPE's executive director drafted a proposed consensus statement and then attendees broke up into workgroups.

During the work group sessions, attendees discussed the pros and cons of having one plumbing code. Some of the pros were eliminating the duplication and eliminating the differences in the codes when crossing city and state lines. It was pointed out that the laws of physics don't change when you cross state lines. Some of the cons were there could be issues with creating a monopoly and there might be less local control. There were concerns expressed about having the federal government get involved and really screw things up. The subject of how to implement such an undertaking still needed some thought.

During the work group session one group noted they had several objections to the language in the statement, and several other people said they would like to take this issue back to their organizations for some input. It was then agreed ASPE would host another meeting in the coming months and groups would have time to discuss this with their organizations and come back with pros, cons and a plan for implementation if it is to go forward.

**Ann Arbor Fire Protection**

815 Airport Blvd.  
Ann Arbor, MI 48108  
Sam Callan  
Jeffery Pigeon  
jpigeon@annarborfireprotection.com  
Ph 734 761-7767 Fax 734 761-5388

**K.L. McCoy**

Manufacturers' Representatives  
4888 Lakepointe Ave.  
P.O. Box 24077  
Detroit, MI 48224  
Ph 800-533-8226 Fax 313-882-8492  
John Hux jhux@klmccoy.com  
Larry Keelan  
www.klmccoy.com

**Balfrey & Johnston, Inc.**

Manufacturers' Representatives  
P.O.Box 37317  
Oak Park, MI 48237  
George D. Johnston  
Ph 313 864-2800 Fax 313 864-7219  
george@balfrey-johnston.com  
www.balfrey-johnston.com

**Kennedy Industries Inc.**

Manufacturers' Representatives  
4975 Technical Drive, P.O. Box 809  
Milford, MI 48381  
Steven P. Harkness  
Ph 248 684-1200 Fax 248 684-6011  
sharkness@kennedyind.com  
www.kennedyind.com

**Burke Agency Inc.**

Manufacturers' Representatives  
2605-A Oakley Park Road  
Walled Lake, MI 48390  
Brian Burke, Tom Zimmerman, Brett Young  
Ph 248 669-2800 Fax 248 669-3310  
bburke@burkeagency.com  
www.burkeagency.com

**Lochinvar**

High Efficiency Water Heaters and Boilers  
45900 Port Street  
Plymouth, MI 48170  
Jason Loverich  
Ph 734 454-4480 Fax 734 454-1790  
jloverich@lochinvar.com  
www.lochinvar.com

**De Broka & Associates Inc.**

Manufacturers' Representatives  
51446 Oro Dr.  
Shelby Twp., MI 48315  
Dennis DeBroka  
Ph 586 532-0811 Fax 586 532-0815  
www.debroka-assoc.com  
debroka@att.net

**Lozuaway & Associates, Inc.**

Manufacturers' Representatives  
1160 W Hill Road  
Flint, MI 48507  
Mike Ostrowski  
Wayne Phillpotts  
Ph 810 234-1635 Fax 810 234-8389  
moski@lozuaway.com

**Diversified Spec. Sales, Inc./  
Howley Agency Sales Co.**

Manufacturers' Representative  
13261 Northend Ave.  
Oak Park, MI 48237-3265  
Michael J. Burdette  
Ph 248 398-2400 Fax 248 547-4905  
www.diversified-spec-sales.com

**Meek / Beck & Associates, Inc.**

Manufacturers' Representatives  
11875 Belden Court  
Livonia, MI 48150  
Ross Beck  
Ph 734 458-2950 Fax 734 458-2953  
meekandbeck@aol.com  
www.meekbeck.com

**HS/Buy Van Associates, Inc.**

Manufacturers' Representatives  
56 S. Squirrel  
Auburn Hills, MI 48326  
Jarrett Armstrong  
Bill Allen  
Ph 888 472-8982 Fax 248 852-0298  
info@hsbuyvan.com  
www.hsbuyvan.com

**Merlo Steam Equipment Co., Inc.**

Manufacturers' Representatives  
35745 Beattie Dr.  
Sterling Heights, MI 48312  
Gregory J. Merlo  
Ph 586 978-8434 Fax 586 978-8459  
gregm@merlosteam.com  
www.merlosteam.com

**Nibco Inc.**

1516 Middlebury Street  
Elkhart, IN 46516-4740  
Dane P. Badgero  
Ph 800 234-0227 Fax 219 295 3307  
badgerod@nibco.com  
www.nibco.com

**Taggart-Knight Group**

Manufacturers' Representatives  
32985 Hamilton Court, Suite 102  
Farmington Hills, MI 48334  
Gary O. Taggart  
Ph 248 553-4388 Fax 248 553-4653  
info@taggartknight.com

**Performance Engineering Group**

Engineered Water Products  
32955 Industrial Rd.  
Livonia, MI 48150  
Alan Deal  
Ph 734 266-5300 Fax 734 266-5310  
www.performanceengineering.com

**TRO Sales Company**

Manufacturers' Representatives  
3406 West 12 Mile Road  
Berkley, MI 48072  
Thomas R. Osberger  
Ph 248 546-5354 Fax 248 546-3513  
trosalesco@aol.com

**R.L. Deppmann Co.**

Southfield \* Grand Rapids \* Saginaw  
Southfield Office: P.O. Box 5023  
20929 Bridge St.  
Southfield, MI 48086-5023  
Mary Anderson  
Ph 248 354-3710 Fax 248 354-3763

**Underwood Fire Equipment Inc.**

Fire Equipment Sales, Service, Repair & Testing  
P.O. Box 43  
Novi, MI 48376  
Darrell W. Underwood  
Ph 248 347-4975 Fax 248 347-0843  
info@underwoodfire.com  
www.underwoodfire.com

**Sales Service Plus, Inc.**

Manufacturers' Representatives  
45606 Mast St.  
Plymouth, MI 48170  
Kirby J. Meagher  
Ph 734 454-7620 Fax 734 454-7632  
kmeagher@salesserviceplus.com  
www.salesserviceplus.com

**V.E. Sales Co., Inc.**

Manufacturers' Representatives  
25200 Jefferson Avenue  
St. Clair Shores, MI 48081-2347  
Cynthia Zatto cindy@vesalesinc.com  
Ph 586 774-7760 Fax 586 774-1490  
cell 810-343-2713  
www.vesalesinc.com

**Quality Water & Air, Inc.**

Manufacturers' Representative  
1402 Souter  
Troy, MI 48083  
Alec Bien  
Ph 248 589-8010 Fax 248 589-8016  
qualitywaterair@cs.com  
www.qualitywaterair.com

**Dave Watson Associates, Inc**

Manufacturers' Representatives  
1325 W. Beecher St.  
Adrian, MI 49221  
Dave Watson, Jr.  
Ph 517 263-8988 Fax 517 263-2328  
dwa@davewatson.biz

# PLEASE SUPPORT OUR SPONSORS

For a complete listing and handy buyer's guide of the product lines carried by our sponsors please visit our web site at [aspe.org/Eastern\\_Michigan/newsletter.htm](http://aspe.org/Eastern_Michigan/newsletter.htm) and print out the Sponsor List (PDF) or visit our sponsors' web page on our web site.

# ***ASPE NEWS***

**American Society of Plumbing Engineers-Eastern Michigan Chapter**

Mary Chapman, Newsletter Editor  
P.O. Box 37317  
Oak Park, MI 48237

**Internet Address**

[http://www.aspe.org/Eastern\\_Michigan](http://www.aspe.org/Eastern_Michigan)  
**Region 2 - Great Lakes**  
**Eastern Michigan**

**Non-Profit Corporation**

**Local Chapters Not Authorized To Speak For The Society**

## **First Class Mail**

---

---

---

## **2005-2006 ASPE-EMC Officers and Committee Chairpersons**

**President**

Esteban Cabello, PE, CIPE  
JRED Engineering, Inc.  
5608 N. Charlesworth St.  
Dearborn Hgts., MI 48127  
(313) 565-5580 Fax (313) 565-9818  
jredengineering@comcast.net

**Treasurer**

John Snyder, CIPE/CPD  
31758 Edgeworth Dr.  
Madison Heights, MI 48071  
(248) 588-8741 Fax (248) 577-0104  
johnsnnyder@wowway.com

**Newsletter / Web Editor**

Mary Chapman  
MCA Detroit  
14801 W. Eight Mile Road  
Detroit, MI 48235  
(313) 341-7661 ext. 210 Fax (313) 341-1007  
mary@pmcdetroit.com

**Vice-President Technical**

Phillip McCrory  
Integrated Design Source  
5483 Hubbard Dr.  
Flint, MI 48506  
(810) 736-8871  
pmccrory72@hotmail.com

**Administrative Secretary**

John Nussbaum, FASSE IPP  
MCA Detroit  
14801 W. Eight Mile Road  
Detroit, MI 48235  
(313) 341-7661 ext. 211 Fax (313) 341-1007  
jnussbaum@pmcdetroit.com

**Vice-President Membership**

Cindy Zatto  
V. E. Sales Company, Inc.  
25200 Jefferson Ave.  
St. Clair Shores, MI 48081  
(586) 774-7760 Fax (586) 774-1490  
cindy@vesalesinc.com

**Corresponding Secretary**

George Johnston  
Balfrey & Johnston, Inc.  
P.O. Box 37317  
Oak Park, MI 48237  
(313) 864-2800 Fax (313) 864-7219  
george@balfrey-johnston.com

**Vice-President Legislative - Open**

*Please contact Esteban Cabello if you are interested in volunteering.*