

May 2004



**Eastern Michigan Chapter**

[www.aspeemc.org](http://www.aspeemc.org)

**Plumbing Design Class**

**Date:** Tuesday, May 25, 2004

**Time:** 5:30 - 9:00 PM - Dinner and Plumbing Design Class

**Cost:** Members ASPE, ASSE: No Charge  
Non-members: \$15.00

**Location:**  
PMC Center  
14801 W. 8 Mile Rd.

**Topic:** Open Microphone Night for Vendors and BBQ @ PMC Detroit

**Speakers:** Open

**Sponsors:**  
To be announced

***Please confirm your attendance through the web site at [aspeemc.org](http://aspeemc.org)***

**PRESIDENT'S REPORT**

**Douglas W. Cryer, CSI CIPE/CPD President**



First, I want to take this time to thank the 312 people from inspectors, engineers, manufacturer representatives (our sponsors) and contractor's who attended the March meeting with Mr. Robert Konyndyk. I am sorry I missed the discussion.

Speaking of that night's discussion I want to make a clarification to all the readers of this newsletter about the statement I made in last months President's column. I wrote: "...some people were less than satisfied with their answers". I really had no idea who would read this one sentence and how it would be interpreted. Because of such a statement Mr. Konyndyk called me on the telephone, himself. This arose his concern. He wanted to know what negatives were expressed to me and how he might change the presentation. He and his colleagues took an eight-hour presentation and condensed it down to around five hours to keep the meeting moving and still be informative about the changes in the new Michigan Plumbing Code. Here is where the public apology to Mr. Konyndyk starts. Under a tight deadline for my article, I made an assumption that you cannot please all the people, all the time and thus included the aforementioned sentence. However, during our April Board Meeting I was informed that the majority of the attendees liked and were satisfied with the presentation given and that the few people who made negative remarks, either do not know the Code, do not practice or agree with the Code or just want to complain about something. I should have spoken with more people about their feelings regarding that March meeting, but as I said I had a deadline and very little input from attendees. This proves the statement that when you assume you make an...(you know the rest). To that end, I need to apologize personally to Mr. Robert Konyndyk and let him know he did good for our ASPE Chapter and hope that I have not alienated him from speaking to our chapter for future Code updates.

This past April meeting for Value Engineering was not as well attended as I had hoped. It could have been that the weather was nice, family obligations, that we peaked interest for our March meeting or that our previous technical sessions were geared towards taking the CPD Exam and that

**inside...**

2003-04 Technical Class schedule.....	2
VP Tech Report/VP Legislative/Newsletter...	3
2004-2005 Chapter Elections.....	5
Professor Plumber sez.....	6
John E. Matthews.....	7

# American Society of Plumbing Engineers

## Eastern Michigan Chapter 2003-04 Technical Classes

*Held monthly at the  
(except where noted)*

PMC of Detroit  
14801 West 8 Mile Road  
Detroit, MI 48235

September 23, 2003  
Sanitary and Storm Piping

October 28, 2003  
Domestic Water Distribution, Boosters,  
Treatment and Sizing

November 18, 2003  
Commercial Laundry and Kitchen Requirements

December 16, 2003  
Domestic Hot Water Generation Design and Sizing

January 10, 2004  
First Saturday Technical Review Course (8 hours)

Friday, February 20, 2004  
ASPE/ASHRAE Meeting at Compuware Arena for  
Snow Melting and Plumbing for the Ice Arena

February 24, 2004  
Professional Plumbing Practices, Estimating  
and Test Taking Skills

March 23, 2004  
New Michigan Plumbing Code Review  
with Mr. Robert Konyndyk

April 27, 2004  
Architectural and Structural Interferences, Coordination  
and Value Engineering

**May 25, 2004**  
**Open Microphone Night for Vendors and  
BBQ @ PMC Detroit**

## President's Report

*continued from pg. 1*

deadline had passed. Although, to our chapter's credit we were prepared to offer the pre-test course, but the National Society did not provide us with the course material in a timely manner and the deadlines for payment and refunds for the National CPD Exam were not in line with the date we received the study information. Shame on Society for making this processes such a hassle.

Back to our last meeting, Mr. Christopher Quattrine, CPE, VMP, Manager of Cost Engineering at Barton-Malow Company, did a good job of explaining a specialized way to design a project by determining what the owner's needs are with the initial involvement of architects, mechanical, electrical, structural, civil engineers and construction managers, incorporating a TEAM approach to the design and construction process. If there was anything to be gleaned from Chris' presentation, it was that projects CAN be built to everyone's satisfaction with some conciliations from the parties involved to fall within the limitations of an owner's budget.

Our May meeting will be an "Open Mic Night" for all of our past tabletop sponsors to highlight a couple of their product lines, new additions, tell a joke or just get their faces in front of our chapter members to get some notoriety. We will also have our chapter's Board of Director positions nominating, voting and installation for next year.

Remember May 25th for Ginny's burgers and dogs, socializing and re-paying our yearly sponsors with your attendance and gratification.

In addition, our yearlong silent auction may turn into a regular auction to rid the PMC storage room of the donated items. I noticed that there aren't many names on the lists so these items will go for very cheap prices. Bring cash or your check-book.

*Douglas W. Cryer*

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 Joe Hernandez. Checks should be made payable to ASPE E. Mich. Chapter and send check with inserts or ad to Joe Hernandez. Circulation 400-Distributed to: Engineers, Contractors, Inspectors, and other industry professionals in Michigan. For contributing articles contact Joe Hernandez, Newsletter Editor at [newslettereditor@aspeemc.org](mailto:newslettereditor@aspeemc.org).

## VP TECH REPORT

**Wes Patton**  
**Vice President Technical**



*Christopher Quattrin, CPE, VMP, Barton Malow Company  
Speaker at the April meeting*

The Eastern Michigan chapter has had a very exciting year of interesting programming under the direction of chapter president, Mr. Doug Cryer, and next year we will be providing more.

In recapping the year's events, many topics were discussed giving the membership an opportunity to interject on subject matter with colleagues and professionals of the fields.

The month of September offered a session on Sanitary and Storm piping, October Domestic water distribution, November Commercial

Laundry and Kitchen, December Domestic Hot Water Generation design and sizing, February joint family night meeting with ASHRAE at Compuware Arena and also during February test taking skills, March Michigan state code

review, April Value Engineering and the last meeting for year coming up will be on May 25, 2004 with many vendors giving a short presentation for the night. We regret to say that some of the planned sessions had to be cancelled for bad weather and other reasons beyond our control.

Please feel free to e-mail me at [wpatton@ssoe.com](mailto:wpatton@ssoe.com) to offer any suggestion on topics that you would like to see discussed next year. It is important to get your comments as we begin the planning stage for next year's program agenda.

I would like to thank all the professionals for their expertise that they demonstrated during every session. These professionals used their knowledge and experience to teach our membership. Also, I would like to thank the membership for their attendance to this year's meeting.

We wish all of the membership a great summer and we will look forward to seeing you in September.

## VP LEGISLATIVE

**Ron George, CIPE/CPD**  
**Vice President Legislative**

I attended the State Plumbing Board meeting this week but there was not a quorum present. The board members present carried on the regular business and recorded the outcome for approval by the full board at their next meeting.

After the State plumbing Board meeting, I attended the MPMCA Plumbing Show and was a little disappointed to see very few engineers from S.E. Michigan. I propose that Eastern Michigan chapter appoint a chairman for next year's show to head up volunteers to man the ASPE Booth that was unattended this year at the show.

So far at the UPC hearings, ASPE has been very successful with their code changes. There are some pretty controversial ones coming up, so we will see how they fare. Julius Ballanco and Dick Wagner have done a good job presenting the code changes on ASPE's behalf.



## Newsletter Update

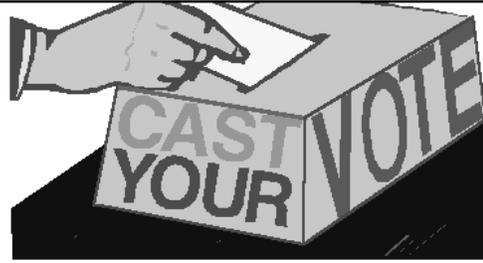
**Joe Hernandez, CIPE**  
**Newsletter Editor**

The Eastern Michigan Chapter is planning on going paperless next year. You will receive a monthly e-mail notifying you that the newsletter is available online and it will include a link to the newsletter in Adobe reader format.

It is very important that we have your e-mail address. Please send your e-mail address to [info@aspeemc.org](mailto:info@aspeemc.org).

Also, if you know of anyone else who would like to be on our mailing list, please include their e-mail address.

The newsletter will still be available on the web site.



## Board of Directors 2004-2005

The annual election for the Eastern Michigan Chapter ASPE Board of Directors will be held on May 25, 2004 at the May general meeting. The voting will take place prior to the meeting/class. Below is a sample ballot with the names of the candidates.

### President:

- Esteban Cabello, PE, CIPE

### Vice President Technical:

- Wes Patton

### Vice President Legislative:

- Ron George, CIPE

### Administrative Secretary:

- John Nussbaum, FASSE, IPP

### Vice President Education:

- William Grayzar, CPD

### Vice President Membership:

- Ross Beck

### Treasurer:

- George Dobrowitsky

### Corresponding Secretary:

- George Johnston, Jr.

### Ann Arbor Fire Protection

815 Airport Blvd.  
Ann Arbor, MI 48108  
Sam Callan, President  
Ph 734 761-7767 Fax 734 761-5388  
annarborfp@aol.com

Automatic sprinkler system design,  
installation & repair

**The first time, every time.**

*Rely on Guardian Equipment  
to work the first time, every time.*



represented by  
**balfrey & johnston, inc.**  
313.864.2800

### 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

**AD Firebarrier**-fire stopping, **Amerrec**-steambaths & saunas, **Centoc**-solid plastic toilet seats for residential, commercial & handicapped, **Elkay**-stainless steel sinks: residential, scullery, custom, starlite, faucets: residential & commercial, hot water dispensers, Dayton/Kingsford: builder's gradesinks, water coolers: wall hung, floor mounted, barrier-free, bottled coolers, institutional products: mop basins & scrub sinks, custom: fabrication of stainless steel, **Guardian Safety**-emergency showers, eyewashes & safety equipment, **Flowserve**-corrosive waste duriron pipe & fittings, **Florestone**-molded products: shower bases & laundry tubs, terrazzo: shower bases & mop basins, fiberglass: tubs & shower units-residential & barrier-free, acrylic: laundry tubs, shower floors, tub & shower units, **Metpar**-plastic laminate, steel & stainless toilet partitions & washroom accessories, **T-Drill**-mechanically formed plumbing tee fitting drills, **Wilkins**-backflow preventers, pressure reducing valves, ball valves and T&P valves, **Wilkins Tempgard**-pressure balancing shower valves & systems, shower panels, **Willoughby**-stainless steel prison fixtures, solid surface & s.s. wash fountains, **Zurn Spec. Drainage**-roof & floor drains, carrier systems, interceptors & floor sinks, **Zurn Flo-Thru**-pre-sloped trench drain systems in polyester fiberglass & stainless steel, **Zurn AquaFlush**-flush valves & parts including sensor operated valves & hand dryers, **Zurn AquaSpec**-commercial faucets & parts including sensor operated faucets, **Zurn Acid Waste**-mechanical & fusion lock corrosive waste drainage systems, **Zurn Light Commercial**-grease traps, roof drains, floor sinks & residential hydrants, **Zurn Pex**-polyethylene & cross-linked polyethylene, QestPEX, tubing and potable water & in floor radiant heat

**GUARDIAN EQUIPMENT**

*Emergency Eye Wash and Shower Equipment*

gesafety.com

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

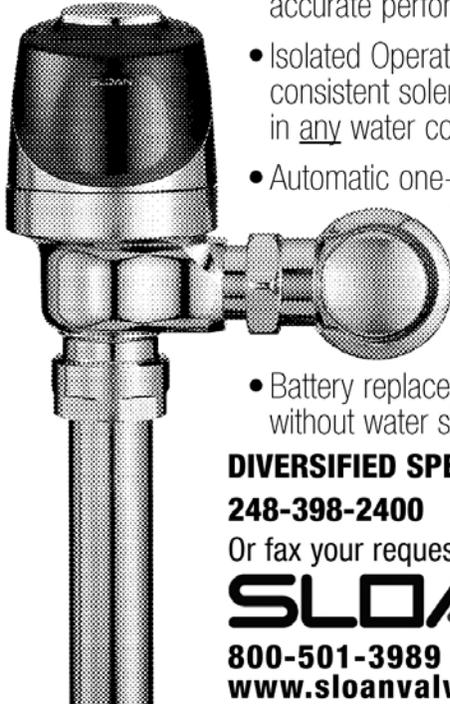
Manufacturers' Representative  
13261 Northend Ave.  
Oak Park, MI 48237-3265  
Michael J. Burdette  
Ph 248 398-2400 Fax 248 547-4905  
www.diversified-spec-sales.com

**Acorn Engineering**-stainless steel security fixtures, showers, washfountains & hospital equipment, **Clamp-All**-pipe coupling systems, **Elmdor**-access doors, **Just/EBC** -stainless steel sinks, brass stops & supplies, **Potter-Roemer**-fire protection equipment, **Smith/ACO**-pre-cast trench drain systems, **Jay R. Smith Mfg**-complete line of plumbing & drainage specialties, **Sloan Valve**-flush valves, optima valves, faucets & dryers, **Symmons**-shower valves, faucets for kitchen & lavatory, thermostatic mixing valves, **T&S Brass**-faucets, fittings, service fixtures, **Town and Country Plastics**-acid dilution basins, **Whitehall**- hydrotherapy baths and equipment, **Bock**-gas,electric & oil water heaters, glass lined storage tanks, **Hot Aqua**-electric tankless water heater, **Laars Heating System**-water heaters & boilers, **Security Chimney**-complete line of venting systems, **Patterson-Kelley**-water heaters & boilers, **Wendland Tank**-storage tanks & heat exchangers

**NEW** **Sloan G2 Optima Plus®**

**THE WORLD'S MOST ADVANCED  
ELECTRONIC FLUSHOMETER**

- Integrated design ensures accurate performance
- Isolated Operator – provides consistent solenoid operation in any water condition
- Automatic one-piece modular fit for fast installation
- NEMA 6 rated seals protect against moisture
- Battery replacement or service without water shut-off



**DIVERSIFIED SPEC. SALES**  
**248-398-2400**  
Or fax your request to:  
**SLOAN**  
**800-501-3989**  
[www.sloanvalve.com](http://www.sloanvalve.com)

## YOU CAN'T SPELL CRAFTSMANSHIP WITHOUT T&S.

For more than half a century T&S Brass has set the standard for excellence in the commercial plumbing industry. Since 1947, we've earned a reputation for unparalleled craftsmanship and service. Today, T&S



produces a full line of faucets, fittings and specialty products for the foodservice, industrial, commercial plumbing, and laboratory markets all across the world. T&S engineers have the expertise to custom design certain parts to meet your specific needs. And thanks to our exclusive 24-hour Quick Ship program, all orders go out the same day they're placed. Built into each of our products is a pride in craftsmanship and a commitment to customer service that make T&S the most reliable plumbing supplier in the industry.



**RELIABILITY BUILT IN™**



T&S plumbing products represented in Eastern Michigan by:

Diversified Spec Sales - 248-398-2400



## Professor Plumber sez...

**Bill Grayzar, CPD  
VP Education**

### **CIPE/CPD**

The Eastern Michigan chapter of ASPE has decided to prepare a CIPE/CPD review course for our members to be held this fall prior to the Cleveland Convention for those interested. Watch for more information for the review course date and time in the summer newsletter.

CIPE/CPD Review books are still available through PHI, but only for a limited time. All review books not purchased by June 2004 will be returned to the National Society.

Also, for those members are currently CIPE/CPD registered remember that your Recertification Form with payment is due to the National Society by June 1st, 2004.

### **Testing of Drainage, Waste and Vent (DWV) systems**

If you are taking the CIPE/CPD exam, you may be required to understand and know how piping systems are tested. The following describes basic testing methods for Drainage, Waste and Vent piping systems.

The storm and sanitary system must be subjected to a water test and proven watertight upon completion of the rough piping installation and prior to covering or concealment. The test pressure should be a minimum of 10 ft. of water column (wc), except for the top most 10 ft of pipe. The test pressure should never exceed a maximum of 100 ft wc. Any greater pressure will cause the piping to deform and blow and blow the test plugs used to seal the temporarily open piping in the system. If the system is higher than 100 ft, test tees may be installed at appropriate heights to test the building in sections. In practice, very rarely are more than seven stories tested at one time.

If it is not possible to perform a water test, an air test is acceptable and is performed at a pressure of 5 psi. Air tests are very impractical and usually very costly.

Upon completion of the Sanitary system and after all fixtures are installed with traps filled with water, the system should be subjected to an additional test and proved gas tight. A smoke pressure test is recommended. The smoke test is performed by introducing pungent, thick smoke produced by smoke bombs or smoke machines. When smoke appears at the roof terminals, each terminal is sealed and smoke pressure on 1 inch wc is maintained to prove the system gas tight.

An alternate test is the peppermint vapor test. At least 2 oz of oil of peppermint are introduced into each roof terminal and vaporized by immediately pouring 10 quarts of boiling water down the stack. The terminals are promptly sealed. Oil of peppermint and any person coming in contact or handling the oil must be excluded from the interior of the building for the duration of the test. Leakages are detected by the peppermint odor at the source. However, it is very difficult to pinpoint the leak by this method.

### **Answers to Last Month's Sample Questions**

What is the neutral PH level for water?

**C. 8**

If the building sewer and water service lines are allowed to be installed in the same trench, which of the following statements is true?

**C. The water line must be located above the sanitary line.**

A red identification stripe on copper piping indicates the pipe is type:

**C. M**

When checking the size of a water distribution system, all of the following should be considered except:

**D. Alkalinity of the water.**

In the design of a compressed air system the term "free air" means which of the following:

**A. Air at standard conditions at the compressor inlet.**

Have a wonderful summer and I look forward to seeing all of you again in the fall.

*Bill*



*John E. Matthews,*  
*PE, CIPE, FASSE*

*December 31, 1925*

*May 2, 2004*

Never to be forgotten John E Matthews a plumbers, plumbing engineer. That is how I will remember my friend and colleague for over 26 years. The plumbing industry has lost a most energetic and dedicated individual to its cause of protecting public health and safety through better plumbing.

John Matthews was a man who led by example that is what made him stand out as a leader in his chosen profession and career choices, which included the presidency of two local chapters of their national organizations the American Society of Plumbing Engineers (ASPE) and the American Society of Sanitary Engineering (ASSE). John was elected to the national board of directors of ASPE as the VP of Membership, while serving in that position he was instrumental in starting the Western Michigan Chapter of ASPE. John was also a charter member and one of the founders of the Eastern Michigan Chapter 29 years ago. John was an active member of the American Society of Sanitary Engineering at the national level. Serving on the Seal Control Board and as their Bylaws Chairperson for several years. His friendly demeanor made him a good negotiator and often helped him win people over to what he thought was best for the plumbing industry in protecting public health and safety. The Michigan Chapter of ASSE created an award in John Matthews name 4 years ago to be presented to the engineer whom fits the ideals and high standards set by John Matthews. The award is presented annually at the ASSE Awards Dinner. The ASPE Eastern Michigan Chapter selects the candidate to receive the award.

After the passing of his devoted wife and confidante of many years he was quick to accept the many commit-

tee positions offered, one of the most important committees John took a lead role in is the Code Study & Development Group of Southeastern Michigan formerly begun in 1981 by John Nussbaum then Executive Director of PHCCASM. This Committee today is a consensus committee made up of a cross section of the plumbing community including contractors, inspectors, manufacturers representatives, journey plumbers and plumbing design professionals. John Matthews was the spokes person for this committee at the public code development hearings presenting testimony to the International Plumbing Code Committee. John had served a term on the Building Officials Code Administrators Plumbing Code Committee in the 1980s. His experience and knowledge of plumbing design, engineering and the plumbing code made him a highly respected leader within the plumbing industry and among his peers. John also was a member of the State of Michigan Plumbing Code Committee. John was the first recipient of ASSE's Patrick J. Higgins Award, given to the individual who contributed his time and efforts unselfishly to the code development process locally and nationally. Patrick Higgins (plumbing industry consultant) was a good friend of John Matthews through out the years.

John Matthews spent many a day and hours with me at PMC Detroit writing and or proof reading plumbing related articles, bylaws, historical documents along with planning of educational programs and events designed to help and improve the plumbing industry. John Matthews will be missed but never forgotten.

*J.Nussbaum PPFASSE*

## **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

## **De Broka & Associates Inc.**

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

## **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

## **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

## **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

**Bradford White Corporation** - residential & commercial water heaters, **Brass Craft Mfg** - stops & supplies for water gas, plumbing specialties/shower heads, **Charlotte Pipe & Foundry** - cast iron, PVC, CPVC, industrial & residential pipe & fittings, **Crane Plumbing-Fiat**- plumbing fixtures, mop bases, **Delta Faucet Company** - Delta, Peerless, Delta Commercial, residential & commercial faucets, **IPS Weld -On Water Tite Studor** - pipe cements, washing machine boxes, venting and drainage materials and air admittance valves, **MAAX Collection: Aker-Pearl-Manhattan** - tub showers, shower stalls and whirlpool tubs, **Metcraft** - institutional & commercial stainless steel plumbing fixtures, **Olsonite Toilet Seats** - toilet seats, **Oasis Corporation** - electric water coolers and drinking fountains, **Watco Bath Wastes** - bath wastes & accessories, **Woodford Manufacturing** - wall & yard hydrants

**Febco** - backflow prevention assemblies, **Hot Box** - insulated valve & meter enclosures, **Mr. Steam** - residential & commercial steamroom generators, saunas, **NDS** - exterior drainage & landscape products, valve & meter boxes, channel drain, flexible couplings & saddles, equipment pads, tree grates, grass pavers, root barriers, drip & micro irrigation, **Plumberex-ADA Handy Shield™** trap & supply safety covers, **Sioux Chief** - commercial drainage products, roof drains, water hammer arresters, commercial hangers & brackets, trap primers, preformed copper, plumbing specialties, **Spears Mfg. Co.** - PVC/CPVC fittings, DWV fittings, ball, lab, check, diaphragm, butterfly valves, CTS fittings & valves, irrigation specialties, fabricated fittings, CPVC fire sprinkler fittings, actuation, dual-containment, CPVC lab waste systems, LXT ultra-pure water systems, PVC compression fittings, PVC saddles, **Toilet Partitions**

**Argo Industries**-baseboard heat, zoning controls, pump relays, **Burnham**-boilers, baseboard heat, indirect water heaters, radiators, **COZY**-wall furnaces, **Delavan**-oil metering devices/nozzles, **Effikal**-barometric & vent dampers, **Grundfos Pumps**-multi-stage centrifugal, sump, circulators, booster pumps, end suction, variable speed pumps, **Honeywell/Sparco/Braukmann**-dual certified anti-scald mixing valves, expansion tanks, air eliminators, backflow preventers, high-low temperature controls, check valves, micro bubble eliminators, **J & J Register**-grilles & registers, **Rinnai**-continuous water heaters, **Tekmar**-boiler & snow-melting controls, **Tjernlund**-power venters, draft inducers, fresh air & combustion air products, variable speed auto-draft solutions, **Triangle Tube**-stainless steel indirect fired water heaters, combination indirect/direct water heaters for space heating & domestic water, brazed plate heat exchangers, **Unico**-mini-duct high velocity air conditioning systems, spot cooling, **Wirsbo**-aquapex professional plumbing systems, HePex radiant floor & snow-melt

**ITT-AC**-centrifugal, split case, end suction, self-primers, **American Marsh**-horizontal & vertical centrifugal, multi stage, **Floway**-vertical turbine pumps, API 610, **Grundfos**-multi-stage stainless steel pumps, in-line, end suction, sump pumps, **ITT Flygt**-submersible pumps & mixers, **Union**-in-line & high pressure pumps, **Vican**-rotary gear pumps, **Cascade**-mixed flow & propeller pumps, **Griswold-ANSI**, centrifugal, submersible turbines, **Carter**-plunger pumps, **Patterson**-centrifugal, horizontal & vertical turbines, **Voelsang**-positive displacement, **Metropolitan**-pump control system, variable speed pump pkgs & heat transfer pkgs, **Pump/Con**-control panels/level control equipment, **Sensaphone**-alarm dialers, **Multirode**-level monitoring & control systems, **Dezurik**-plug, butterfly, knife gate, V-port & control valves, pneumatic double acting, spring return & diaphragm actuators, **Copes Vulcan**-severe duty globe control valves, desuperheaters, turbine bypass systems, special application control valves, **In-line**-stainless steel ball valves, **Cla-val**-automatic control valves, backflow preventers, float valves, **Crispin Valve**-rubber flapper check & air release valves, **Hydro Gate**-slide & sluice gates, **Crane**-mission-double & single door check valves, **RCS**-electric, on-off modulating & fail-safe quarter-turn & multi-turn, **Kinetrol**-quarter-turn "vane" type pneumatic actuators, **Thermon**-heat tracing specialist, self-regulating & power limiting, constant watt, electric & steam tank heating, heat transfer cements, controls & monitoring, **Cellex**-heated instrument enclosures, pre-insulated tubing, instrument supports, **Adamson**-shell & tube, heat exchangers, packaged water heaters, **Shaw**-insulated & non-insulated pipe support systems for all piping from -425F to +1800F, **Adamson**-storage, hydropneumatic, expansion, boiler blowoff tanks, **Topp**-fiberglass basins, **Hilliard Corp.** "Hilco"-oil filters, oil reclaimers, **Proco**-flexible connectors, **Thunderline**-link seals & wall sleeves, **Cook Legacy**-coatings to prevent Zebra Mussel build up, **Magnadrive**-magnetic couplings/VFD's, **Baysaver**-stormwater separation

**Lochinvar** - High efficiency water heaters, boilers, pool heaters, booster heaters & storage tanks.

## Quality Water & Air, Inc.

Manufacturers' Representative

1402 Souter

Troy, MI 48083

Alec Bien

Ph 248 589-8010 Fax 248 589-8016

qualitywaterair@hotmail.com

**ABS Pumps**-sump & sewage pumps & systems, **American Water Heater** - commercial tank type water heaters, **Conbraco**-plumbing & heating products, backflow prevention devices, **DWV Foundry**-cast iron soil pipe, fittings, full port valves, **Ecodyne**-commercial and industrial water treatment, R.O. systems, D.I. water PVC drains & cleanouts, **Everhot**-stone lined indirect water heaters, **Flo-Pak/Patterson Pump**-pressure booster systems, package HVAC pumping systems, fire pump systems, **Genova/J.M./Jet Stream**-Sch. 40 PVC, solid & cellular core, Sch. 30, SDR 26 & 21, gasketed & belled end, CPVC & sewer pipe, **Graham**-plate & frame heat exchangers, steam instantaneous water heaters, **Griffin Products**-stainless steel sinks & fixtures, **H.B. Smith** -commercial cast iron steam & hot water boilers, **Hydrotherm**-commercial & residential cast iron modular & pulse boilers, **John Wood Co.**-ASME & commercial pressure vessels, storage & expansion tanks, **Lasco**-PVC fittings, sch. 40 & sch. 80, **Maxitrol**-gas pressure regulators, **Mepco**-steam specialties, condensate & vacuum pumps, traps, **Mifab**-roof & floor drains, cleanouts, carriers, interceptors, access doors, trap primers, hydrants, **Polycast**-trench drain systems in precast polymer concrete or fiberglass, **RBI**-commercial & residential copper-fin boilers & water heaters, storage tanks, pool heaters, **Rehau**-radiant floor hydronic heating & snow melt systems, plumb-pex, **Space Pak**-air conditioning systems, **Thermex**-point of use electric water heaters, **Thrush**-circulator pumps, inline pumps, end suction pumps, heat exchangers, hydronic accessories, **Weinman Pump** -base mounted, horizontal split case, turbine, condensate systems, **Wheatley**-pump accessories, heat exchangers, expansion tanks, air separators, CBV, TDV, strainers & valves, flexible connectors

## 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

Larry Keelan

www.klmc coy.com

**Armstrong-Lynwood**-rada thermostatic mixing valve, water temperature control systems, **Autoflow/Flowset**-autoflow flow control valves, verturi flow meters, accusetter balance valves, handball custom coil hook-up assemblies, **Canarus**-domestic booster systems-constant & VFD, pump packages & VFD controls, **Flexcon Industries**-hydronic heating, domestic hot water, well systems, **Superstor**-Munchkin super high efficiency boilers, indirect fired water heaters, voyager high efficiency water heaters, **Hydromatic Pump**-submersible sump pumps & sewage ejectors, grinder pumps-self priming pumps, explosion proof pumps, **Macon Controls**-electric zone control valves, self contained non-electric valves, **Mueller**-plate & frame heat exchangers, **PACO Pump**-inline & end suction pumps, sump & sewage ejectors, vertical turbine, **Peerless Heater**-commercial cast iron boilers (up to 6.5 MBTU), residential cast iron boilers, Pinnacle super high efficiency boilers, **Pure Humidifier**-gas fired, steam injection and steam exchange humidifiers, **PVI Industries**-gas, oil, steam, water to water & electric water heaters, storage, semi-instantaneous & instantaneous types ASME custom tanks, gas or oil firetube steam & water boilers, electric water boilers, condensing gas fired boilers, deaerators, feedwater/condensate return systems & blowdown separators, **S.S.I. Equipment**-“Y” strainers & basket strainers, **Skidmore**-condensate return-boiler feed units, custom package units, **Taco**-water lubricated circulators, inline, end suction & double suction pumps, shell & tube heat exchangers, heat transfer modules, boiler controls & zone valves, expansion tanks-steel & diaphragm type, **TLC Controls**-sump pump control panels, custom control panels, **Tunstall Steam Products**-steam traps/steam trap capsules, float & thermostatic repair kits, **Twin City Hose**-stainless steel flexible connectors/pump connectors, expansion joints & pipe guides, expansion compensators, **USA Coil**-replacement & stock coils, replacement tube bundles, unit ventilators & air handlers, **Vibration Isolation**-spring mountings, inertia bases, spring hangers, **Watson McDaniel**-steam traps, pressure powered pumps, temperature & pressure regulators, **Weiss Instruments**-digital, mercury, bi-metal & vapor thermometers, HVAC, industrial, process & diaphragm pressure gauges

## 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@hotmail.com

## **Lozuaway & Associates, Inc.**

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

## **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

## **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

## **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

**A.O. Smith** - water heaters, boilers, commercial & residential, **American Plumber**-water filtration products, **Bemis/Church** - plastic, wood and medic-aid, residential & commercial toilet seats, **Boots Plumbingware**-steel lavs & tubs, **Howell Metal** -copper tubing, **Jones Stephens Corp**-plumbing specialties, **Little Giant Pump Co.** -sump, sewage & condensate, **Mansfield Plumbing**-plumbing products, china/steel/brass, **Plastic Trends** - PVC SDR 35 gasketed 4"-24", PVC SDR26 heavy wall gasketed 4"-18", PVC SDR 35 solvent weld 4"-24", styrene solvent weld 3"-6", PVC/DWV solvent weld 8"-24", **Plumco** -specialty products, **Royal Quickstop**-fire protection systems, **Swirl-way**-acrylic whirl-pool tubs, Vandem-no hub cast iron soil pipe and fittings

**Aero Mfg**-stainless steel sinks, **Bradley Corp.** - washfountains, emergency, patient care & security fixtures, **Central Brass**-faucets & plumbing brass, **Chronomite** - point of use water heaters, **Dwyer Kitchens** - compact kitchens, **Halsey Taylor** - electric water coolers & drinking fountains, **Leonard** - shower & water mixing valves, thermostatic & pressure balanced, **McGuire**-brass fittings, **Santana** - toilet & shower compartments , **Truebro** - trap & supply covers

**Armstrong International**-"Flo-Rite Temp" & "Flo-Direct" instantaneous water heaters, thermostatic mixing valves, air vents, drainers, radiator valves, pressure reducing valves, heating & cooling coils, hose stations, steam traps, steam specialties, condensate pumps, steam system optimization services, **Humidifiers**-water spray-fogging types, steam-electronic & gas fired, steam to steam, **Check-All Valve**-specialty spring-loaded check valves, **Circle S Products**-steam & air separators, flash tanks, **Crane Environmental**-deaerators, high purity water systems, membrane-based filtration, reverse osmosis (RO), softeners & filters, **Hydro-Thermal**-direct injection steam heaters, **Kunkle**-safety & relief valves, **Lattner Mfg.**-gas/electric steam & hot water boilers, **Marlo Coil**-heating & cooling coils, **Sentry Equipment Co.**-plate & frame, brazed heat exchangers, **Valleygroup**-ceramic insulation & corrosion protection

**Nibco** - copper & plastic fittings, plumbing valves, pressure rated valves, industrial plastic fittings & valves

**Aldrich**-steel tube, oil & gas-fired boilers. Low pressure steam, hydronic and volume hot water heating systems, **Autotrol**-water purification by deionization. Capacities up to 20,000 gallons per day, **Holby Valve Co.**-low/standard range thermostatic mixing valves 1/2" to 4", **Lawler Valve Co.**-low/standard range thermostatic hot water mixing valves, emergency shower valves, temperature and pressure balanced mixing valves 1/2" to 2", **Raypak**-copper-fin hydronic and domestic hot water supply boilers, booster heaters & storage tanks. Sizes from 30 MBTU to 4,000 MBTU, **Ruud Manufacturing**-commercial & residential gas-fired and electric hot water heaters & booster heaters, **Thaw-Pak**-custom in-slab & underfloor heating designs & materials for radiant floor heating, snow melting and de-icing systems, **Valley**-commercial water softeners with metered & non-metered regeneration control, pre-wired and pre-plumbed multi-tank systems

**A.C.Tech**-variable speed drives, **Advance Thermal**-removable insulation & accoustical covers, **ITT Bell & Gossett**-hydronic specialties, centrifugal pumps, heat exchangers, heat transfer pkgs, pressure booster, domestic water heating, variable speed systems, vertical turbine, submersible pumps, **Cemline**-ASME tanks, hot water storage, packaged water heaters, stone steel lined tanks, replacement tube bundles, unfired steam generators, **ITT Domestic Pump**-condensate return, vacuum & pressure powered pumps, boiler feed systems, **Dow Heat Transfer Fluids** -DowTherm SR-1, DowFrost, **Dri-Steem**-steam injection, gas to steam, steam to steam, electric steam, evaporative humidifiers, ultrasonic fog humidifiers, **Griswold Controls**-coil hook-up kits, constant flow limiting valves, filter, solids separators & filter systems, **Highland Tank**-oil & water separators, **ITT Hoffman Specialties** -steam traps & specialties, condensate return pumps, pressure regulating valves, **ITT McDonnell & Miller**-boiler safety controls, level controls, flow switches, **Metraflex**-flexible pump connectors, expansion joints & guides, non-slam check valves, ball & butterfly valves, **MP Pumps**-self priming pumps, engine driven pumps, **Peterson Equipment** -"Petes" pressure/temperature test plugs, **Preso**-annular/venturi flow meters, **Vertiflo**-pedestal mount sump pumps, **Vibration Eliminator**-vibration control bases, spring isolators, **Watts Radiant**-radiant floor heating systems, snow melting systems, **Weksler Instruments**-pressure gauges, thermometers, recorders **Wessels**-ASME storage tanks, bladder tanks, glass lined storage tanks, glycol fill systems

### **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

### **The 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

### **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

### **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

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

Manufacturers' Representatives  
25200 Jefferson Avenue  
St. Clair Shores, MI 48081-2347  
Cynthia Zatto  
Ph 586 774-7760 Fax 586 774-1490  
cell 810-343-2713  
cindy@vesalesinc.com  
www.vesalesinc.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  
watsonassoc@tc3net.com

**Alsons**-shower heads, hands showers & accessories, **Campbell Mfg.**-water system & filtration products, **CTS**-copper flange adapters, **Flint & Walling**-well pumps, jet pumps, water conditioning, **Laco Industries**-fluxes, sealants, penetrants, caulk, putty, **PHD Mfg.**-pipe hangers, strut & accessories, **Raychem**-heat tracing products, pipe freeze protection, **Seminole**-pipe nipples, couplings, steel fittings, **Stadler-Viega** - in-floor radiant heat, potable water pex, **Topp Industries**-fiberglass and poly basins, **Viessmann Mfg.**-boilers, controls & energy management, **Ward Mfg.**-malleable & cast iron fittings, wardflex, **Waterless**-waterless urinals, **Zoeller Pump Co.**-sump, sewage & wastewater pumps & accessories

**Anaco**-no hub couplings, transition couplings, SV gaskets, **Aquarius** - acrylic & gel coat shower/tub-shower surrounds, **Chicago Faucet**-hospital, commercial, laboratory, industrial faucets & fittings, **Eemax**-electric tankless & mini-storage water heaters, **Geberit**-pressure assist flushing systems, sensor faucets & flush valves, **Haws**-emergency showers, eye washes, drinking fountains & water coolers, **Husky**-heavy duty & mid-range no hub couplings, **Intersan Mfg.**-stainless steel and polyresin washfountains & lavatory stations, **J.D. Gould**-electric solenoid valves, bronze & stainless steel, **Orion Fittings**-corrosion resistant piping systems, high purity water & dilution tanks, **Powers**-thermostatic controllers, pressure-balance & thermostatic shower systems, self-actuated temperature regulators, **Stern-Williams Co.**-terrazzo mop sinks & shower floors, drinking fountains, **Tyler Pipe**-Tyler soil pipe & accessories, Rufwall systems

**Aqua Bath**-acrylic ADA tub & shower units, **Cooper Bline**-pipe hangers & strut systems, **Dupage Products**-threaded rod & hose clamps, **Green Mfg. Inc.**-loading racks & stairs, **Hayward Industrial Products**-plastic pvc, cpvc valves, basket strainers, filters, pneumatic & electric actuators & solenoid valves, **Webster Pumps** -immersible & centrifugal pumps, **Insul-Tek**-preinsulated piping systems, **Homestead**-plug valves, **Mission Rubber Co.**-“heavyweight” no hub couplings, **Noble Co.**-anti-freeze non-toxic, CPE shower pan lining, **Richmade Co.**-pvc shower pan lining, **Rockford Sanitary Systems**-grease interceptors, oil separators, **OPW Engineered Systems**-loading arms, sight flos, iso rings & swivel joints

**AC Fire Pump Systems** - horizontal split case, end suction & in-line fire pumps, ul & fm packaged systems including skids & pre-fabricated houses, **Floway Pumps**- vertical turbine fire pumps, **Cla-Val** - fire control valves, ul & fm, **Guardian** - Guardian fire equipment, hose equipment and brass, **Xerxes** - underground water storage tanks, **Modern** - pressure & steel water storage tanks.  
Field service work for all manufacturers of pumps, controls and accessories.  
Annual fire pump tests and preventative maintenance.

**Apollo** - ball valves, butterfly valves, pneumatic & electric actuators, thermostatic mixing valves, pipeline strainers, **Colonial**-PCV/CPVC/PVDF/PP ball valves, PVC butterfly valves, PVC/CPVC unions and PVC/CPVC strainers, **Conbraco**-backflow preventers, safety relief valves, check valves, plumbing & heating products, **IPS**-plastic pipe cement, primers and cleaners, test plugs, **Lasco**-Sch 40 & Sch 80 PVC & CPVC and PVC DWV fittings, **Murray**-hose clamps, **Oil Creek**-polyethylene piping systems, **Safe-T-Cover**-freeze & vandal protective enclosures for backflow preventers, **Shaw Valve**-150 & 300 class high performance butterfly valves, **Sloan Flushmate**-pressure assist flushometer tanks, **Speakman**-emergency eye wash & showers, mixing valves, sensor faucets, metering faucets, lav faucets, shower heads, pressure balanced shower valves, **Techno**-check valves-wafer, swing, elastomer hinged, plastic & metal construction, **Watson McDaniel**-steam traps, regulators, pressure motive pumps, steam separators, exhaust heads, clean steam products

**Watts Regulator Co.** -regulators, control valves, relief valves, backflow preventers, ball valves, gate valves, butterfly valves, hydronic valves, tempering valves and other plumbing specialties

# **ASPE NEWS**

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

**Joe Hernandez, Newsletter Editor**

**P.O. Box 37317  
Oak Park, MI 48237**

**Internet Address**

**<http://www.aspeemc.org>**

**e-mail address**

**[info@aspeemc.org](mailto:info@aspeemc.org)**

**Non-Profit Corporation**

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

## **First Class Mail**

---

---

---

### **2003-2004 ASPE Officers and Committee Chairpersons**

**President**

Doug Cryer, CSI, CIPE/CPD  
Viega Pro-Press  
3600 Academy  
Dearborn, MI 48124  
313 406-2693 Fax 313 406-2959  
[doug.cryer@viega.com](mailto:doug.cryer@viega.com)

**Vice-President Membership**

Ross Beck  
Meek/Beck & Associates, Inc.  
11875 Belden Court  
Livonia, MI 48150  
734 458-2950 Fax 734 458-2953  
[meekandbeck@aol.com](mailto:meekandbeck@aol.com)

**Treasurer**

Brett Young  
Burke Agency, Inc.  
2605-A Oakley Park Rd.  
Walled Lake, MI 48390  
248 669-2800 Fax 248 669-3310  
[bryoung@burkeagency.com](mailto:bryoung@burkeagency.com)

**Affiliate Liaison**

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](mailto:cindy@vesalesinc.com)

**Vice-President Technical**

Wes Patton  
S.S.O.E., Inc.  
1050 Wilshire Blvd. Ste. 260  
Troy, MI 48084  
248 643-6222 Fax 248 643-6225  
[wpatton@ssoe.com](mailto:wpatton@ssoe.com)

**Vice-President Education**

William Grayzar, CPD  
DiClemente Siegel Design, Inc.  
28105 Greenfield Rd.  
Southfield, MI 48076  
248 569-1430  
[bill@dsdonline.com](mailto:bill@dsdonline.com)

**Corresponding Secretary**

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

**Newsletter Editor/Awards/Elections**

Joe Hernandez, CIPE/CPD  
S.S.O.E., Inc.  
1050 Wilshire Blvd. Ste. 260  
Troy, MI 48084  
248 643-6222 Fax 248 643-6225  
[jvhernandez@ssoe.com](mailto:jvhernandez@ssoe.com)

**Vice-President Legislative**

Ronald George, CIPE/CPD  
Ron George Design & Consulting  
6275 Masserant Rd.  
Newport, MI 48166  
734 586-2040 Cell Ph 734 755-1908  
[rongeorgecpd@yahoo.com](mailto:rongeorgecpd@yahoo.com)

**Administrative Secretary**

John Nussbaum, FASSE IPP  
PHCC of S.E. Michigan  
14801 W. Eight Mile Road  
Detroit, MI 48235  
313 341-7661 Fax 313 341-1007  
[jnussbaum@pmcdetroit.com](mailto:jnussbaum@pmcdetroit.com)

**Hospitality**

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](mailto:cindy@vesalesinc.com)

**ASPE Night at the Races Chairman**

Wes Patton  
S.S.O.E., Inc.  
1050 Wilshire Blvd. Ste. 260  
Troy, MI 48084  
248 643-6222 Fax 248 642-6225  
[wpatton@ssoe.com](mailto:wpatton@ssoe.com)

---