

May 2003



### Plumbing Design Class

**Date:** Tuesday, May 27, 2003

**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:** "Green Buildings"

**Speakers:**

Doug Barnes, Albert Kahn Assoc.  
Jeff Gaines, Albert Kahn Assoc.  
Jim Paul, Peter Basso Assoc.  
Doug Miller, Trane Company

**Sponsors:** First Sales

New Century Sales  
Storm Tech  
V.E. Sales

***Please confirm your attendance through the web site at [aspeemc.org](http://aspeemc.org) e-mail to [propress1@comcast.net](mailto:propress1@comcast.net) or phone Doug Cryer at 313-406-2693***

## **PRESIDENT'S REPORT**

**Joe Hernandez, CIPE/CPD  
President**



My term as President of the Eastern Michigan Chapter is winding down and soon I'll be regular member, just as I started out some 25 plus years ago. But it will be with great pride to say that I'm a past president of the best chapter in the entire Society. To the successor (Doug Cryer) I wish only success and he best of luck.

The slate of candidates for the upcoming year include some returning board members and as well as some new faces. Well, not new, but regular members wanting to make a difference. The Board of Director's term is for one year, but the memories are for a lifetime. The following members and current board members placing their names in nomination for the respective office are:

President	Doug Cryer, CSI,CPD (Viega Pro Press)
Vice President Technical	Jill Dirksen (Albert Kahn Associates)
Vice President Membership	Ross Beck (Meek-Beck Associates)
Vice President Education	Bill Grayzar, CPD (DiClemente Assoc.)
Vice President Legislative	Wes Patton (SSOE Inc.)
Treasurer	Brett Young (Burke Agency)
Corresponding Sect.	George Johnston (Balfrey-Johnston)
Administrative Sect.	John Nussbaum (PMC Detroit)

On behalf of the members I thank you for your display of volunteerism and the desire to make a difference.

In retrospect of the past year, I want to thank Bill Grayzar for all the work that went into our visit to Ford Field. This visit was a joint effort between ASPE and ASHRAE. Alan Deal (Performance Engineering) worked just as hard on the ASHRAE side to make sure that over 150 engineers and designers were able to experience the newest jewel of Detroit, and the soon to be standard for arenas in the NFL. What a night.

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# American Society of Plumbing Engineers

## Eastern Michigan Chapter 2002-03 Technical Classes

*Held monthly at the  
(except where noted)*

PMC Center  
14801 West 8 Mile Road  
Detroit, MI 48235  
.....  
September 24, 2002  
Our Water Supply - Post 9-11

October 22, 2002  
Commercial Kitchen Design and Layout

November 5, 2002  
Joint Meeting with ASHRAE and ASPE  
at the new "Ford Field"

December 10, 2002  
Snow Melting and Radiant Floor Design

February 25, 2003  
Forming a Code Standards Committee  
between ANSI/ASTM/ASPE

March 25, 2003  
Masco Industries Tour

April 22, 2003  
Mechanical Room Design

**May 27, 2003**  
**"Green Buildings"**

*For instructor name and course description,  
visit our web site at [www.aspeemc.org](http://www.aspeemc.org)*

## *Thank you to our sponsors...*

A special thank you to the following manufacturers' representatives for sponsoring this month's meeting. Let them know you saw their names here.

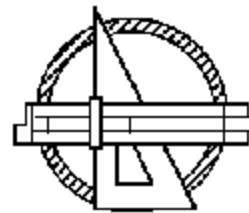
First Sales  
Mr. Rudy Wilfong  
Innovative Australian Toilets,  
Modular toilets

New Century Sales  
Mr. Robert Sims  
Geberit Plumbing Systems  
Modular toilet/lavatory combinations

Storm Tech  
Mr. Rob Lemeyer  
Storm water Management Systems

V.E. Sales  
Ms. Cindy Zatto  
Speakman Faucets

# Eastern Michigan



***It's your  
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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

**Douglas W. Cryer, CSI CIPE/CPD  
VP Technical**

Good-bye to all of you. I'll no longer be the Vice President Technical for this Chapter. However, I will be back next year as the proud President of our Eastern Michigan Chapter! I am also looking forward to next season's classes, formulated at our Summer Strategy Session. The summer meeting is always enlightening and intense for our Board of Directors, as we debate what direction our future is headed. Jill Dirksen will be elevated to the Board position of Vice President Technical for the 2003-2004 and she will have a refreshing forecast on what you, the membership and meeting attendees, will be involved in. I use the word involved, because the Board of Directors have determined that we need to incorporate more calculations and mathematics equations in our course syllabus for you to remember, perform and understand. We will attempt to make our members and attendees more prepared for taking the CPD Exam next time around. Our Chapter's future depends on you too. I hope that you will all take the Questionnaire in the April newsletter and give it much consideration and fill it out completely and bring it with you to the May meeting, or mail it to one of the Board of Directors address' on the cover of the newsletter. This is very important for our chapter to grow.

Speaking of growing and our future, please join us this May 27, 2003 for "Green Buildings". What does that mean? How do we design them? This meeting will be very informative about the future of architectural, mechanical and plumbing systems going on now and continuing to spread to more and more A/E firms throughout the country. Currently, this is a very specialized area of expertise for those intimately involved in the planning of a "Green Building". We have so much to learn about this subject and I know that we will only scratch the surface of this subject. My goal for this class is to get you all thinking toward the future and what changes will become reality.

We have some very knowledgeable individuals assembled to speak at this meeting. There are currently a few A/E firms, locally, that have special groups dedicated to creating "Green Buildings". Albert Kahn Associates and Peter Basso Associates are a couple of companies that looking into the future. There are also manufacturer's who are looking at the future of energy conservation as a 'niche' in their thinking and marketing.

Albert Kahn Associates (AKA), one of Detroit's oldest and most renowned A/E firms, has stepped into the future of design, with a Sustainable Design Group. Doug Barnes,

AIA and Jeff Gaines, AIA, AICP are architects with AKA who will inform us on the concept and requirements that make up the schematic, design and construction phases of the building documentation and construction processes.

Peter Basso Associates (PBA) has worked on a wide variety of building types in their practice, including "Green Buildings". PBA vice president Jim Paul, PE, will speak to our group about four of the available "plumbing" credits in the LEED Green Building Rating System, i.e. "Stormwater Management", "Water Efficient Landscaping", "Innovative Wastewater Technologies", and "Water Use Reduction".

The Trane Company is also a pro-active manufacturer for "Green Building" innovations in Building Management Systems, as well as, other energy savings ideas and creative forward thinking. Mr. Doug Miller, of the Trane Company, will give us some insight into the way in which the direction of air handling and energy conservation of the future will be viewed, implemented into the designed process and installed on projects now, with more consideration in the future. Please plan on attending this final course of this season and do not forget to RSVP.

Speaking of the RSVP. I know it may seem like a trivial item to each of you, but our Board of Directors is considering charging all (members) attendees \$10, at the door, next year, if you do not RSVP! You can e-mail our website, VP Tech (e-mail address on front cover of newsletter), call one of the other Board Members or myself, to reserve your spot. It takes only a couple of minutes and is very considerate.

Ginny, our beloved Chef seems to always have more than enough food for everybody. However, our chapter must make an estimate every month of the number of people that will be in attendance. It does not make sense (cents) to over estimate the number of people and have her leave with plates of leftovers. Also, I do not want to run out of food either if we have an overflowing crowd. We never know. Please, as a favor to our new incoming V.P. Technical, Ms. Jill Dirksen, allow yourself time in your busy schedule to communicate with her next season.

One final comment is that it has been my distinct pleasure to serve the Eastern Michigan Chapter as your Vice President Technical for the past 2-1/2 years and I hope to continue the exemplary leadership that precedes me, as President. Let's move forward, increase our learning capacity and diversified membership.

Thank You,  
Your out-going V.P. Technical

## President's Report

continued from pg 1

After several postponements, we finally had an evening with Julius Ballanco and a provocative talk on the effort the Society is putting forth to become a recognized developer of Plumbing Design Standards for the country in the Plumbing Industry and more.

Other standouts this past year were Wes Patton (SSOE Inc.) and Brett Young (Burke Agency) for taking the chapter to the MASCO Corporate office for an evening of fine art viewing and an enlightening discussion on the necessity for design standards from an old standard himself, Mr. Peter Warshaw. What an evening that was. Those Remingtons were magnificent - oh, and the Lady in Green Velvet.

I would also like to take this time to bring to your attention one of the unique features of the Eastern Michigan Chapter. We have a membership base that spans the entire plumbing industry. Take a good look around you at the next meeting.

You will see design professionals, contractors and manufacturer representatives. Open communication between all areas always equals a successful project. I believe that the Eastern Michigan Chapter does a great job in fostering that communication. For those of you who haven't been to many meetings, this is just another good reason to join us.

Our final meeting for the year is on the Green Building Design and its growing acceptance. Doug has all the details in his report. Thank you Doug for all you've done this year. We're glad you're healthy again and ready to keep this chapter moving forward. I am confident the chapter will continue to grow under your leadership.

Thank you to all. I'll see you at the meetings and will continue to be a voice for the Chapter and its members when necessary.

This is not really good-bye - just make room for me in the audience.

*Joe*

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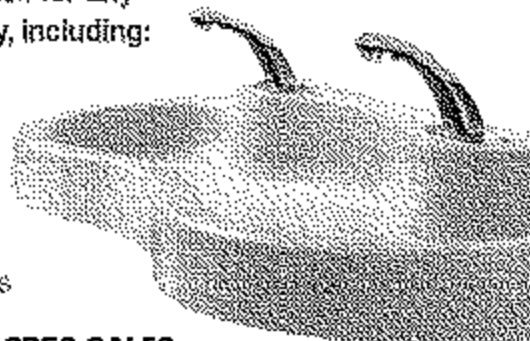
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## Candidates for Board of Directors 2003-2004

The annual election for the Eastern Michigan Chapter ASPE Board of Directors will be held on May 27, 2003 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. Some of the candidates have given a brief bio of themselves and their involvement with ASPE. Please take a moment to review it.

*Please plan on attending this meeting - your vote is important in shaping the future of ASPE.*

**President:**

Doug Cryer, CSI, CIPE/CPD

**Vice President Technical:**

Jill Dirksen

**Vice President Legislative:**

Wes Patton

**Administrative Secretary:**

John Nussbaum, FASSE, IPP

**Vice President Education:**

William Grayzar, CPD

**Vice President Membership:**

Ross Beck

**Treasurer:**

Brett Young

**Corresponding Secretary:**

George Johnston

## Meet the Candidates

### For Office of President

**Name:** Douglas William Cryer, CSI, CIPE/CPD

**Current ASPE Position:** Vice President Technical

**Employer/Position:** Viega North America, Technical Consultant for Michigan and Northern Ohio

**Education:** Associates of Science Degree, Henry Ford Community College  
Major: Architectural Construction Technology,  
Minor: Commercial Art/Design, GPA: 3.4 (4.0), Graduated: June 1983

**Involvement with ASPE:** Acting Vice President Technical since November 2000. Active member since 1992 with Full Member Status granted in 1998.

**General Comments:** If elected President of ASPE for the term of July 2003 to June 2004, I then, with the other Board of Directors, promise to listen to your comments and concerns for our chapter, as well as, your National Association's concerns and try to generate a plan to allow our process of education and leadership in the industry set the example for other chapters to follow. We have a very good chapter here in Eastern Michigan and everyone that is a member or occasional attendee should be very aware of the excitement and enthusiasm that this Board of Directors has for our Plumbing Industry and all of the advances that we have helped become a reality.

### For Office of Vice President Legislative

**Name:** Wesley Patton

**Position/Employed by:** Sr. Mechanical Engineer with SSOE.

**Education:** AS in Architecture from Mott Community College  
BS in Electromechanical Engineering from Wayne State University

**Involvement with ASPE:** Have been active for 1 year. Helped coordinate the chapter's visit to the Masco Headquarters.

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**For Office of Vice President Education**

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**Name:** William A. Grayzar, CPD

**Employed by/Position:** Employed since 1998 with DiClemente Siegel Design Inc. as a Mechanical Designer. I have 16 yrs experience in the Mechanical Engineering field.

**Education:** Graduated from Douglas MacArthur High School in 1981. Completed the requirements to obtain an Associates Degree in Architectural Technology in June 1984 from Delta College. I am currently pursuing a Bachelors Degree in Mechanical Engineering.

**Involvement in ASPE:** I have been an active member of ASPE since Feb. 3rd, 1999 and served as a board member "Assistant to the V.P. Technical" in the year 2002-2003. I helped coordinate the chapter's visit to Ford Field. I received CIPE/CPD certification in 2000.

**General Comments:** I am looking forward to the opportunity to further my involvement with ASPE by serving as V.P. Education in 2003-2004.

**For Office of Vice President Membership**

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**Name:** Ross Beck

**Current ASPE position:** Vice President Membership

**Position/Employed by:** Manufacturers Rep--Meek/Beck & Associates, Inc.

**Education:** 1992 Graduate, Bachelor of Science--Michigan State University

**Involvement with ASPE:** 1994-present. 2000-2001 Chairperson for Awards & Elections. 2001-present VP Membership.

**General Comments:** I've enjoyed my time as VP Membership and look forward to contributing to the continuing growth of the Eastern Michigan Chapter of ASPE.

**For Office of Treasurer**

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**Name:** Brett Young

**Position/Employed by:** Manufacturers Rep--Burke Agency Inc.

**Education:** General Studies at Oakland Community College

**Involvement with ASPE:** ASPE Treasurer 2002-2003, Affiliated Member and newsletter sponsor. Have been active for 3 years.

**For Office of Corresponding Secretary**

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**Name:** George Johnston, CPMR (Certified Professional Manufacturers' Representative)

**Position:** President of Balfrey & Johnston, Inc.

**Education:** Bachelor of Arts from Michigan State University

**Involvement with ASPE:** Currently the Corresponding Secretary, a newsletter sponsor and strong supporter and promoter of ASPE. Also responsible for the distribution of the monthly newsletter. Have been the Corresponding Secretary for 13 years and a member since 1980.

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**Powers Process Controls** - pressure equalizing & thermostatic blending valves, fotopanel, hydropanel, electronic plumbing, self-actuated temperature regulators, pneumatic temperature controllers, **Haws Drinking Faucet Company** - emergency showers & eye wash fountains, drinking fountains & water coolers, **Coyne-Delany** - flush valves, sensor plumbing, **J.D. Gould** - electric solenoid valves, bronze & stainless steel

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

**A.O. Smith** - water heaters, boilers -commercial & residential, **Bemis/Church** - plastic, wood and medicated toilet seats, **Boottz 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**, **Swirl-Way** -acrylic whirlpool tubs

**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

## Merlo Steam Equipment Co., Inc.

Manufactures' 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

## Quality Water & Air, Inc.

Manufactures' Representative  
1402 Souter  
Troy, MI 48083  
Alec Bien  
Ph 248 589-8010 Fax 248 589-8016  
ggrudich@cs.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

**Armstrong International**-“Flo-Rite Temp” & “Flo-Direct” instantaneous water heaters, “RADA” 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, **Kumde**-safety & relief valves, **Lattner Mfg.**-gas/electric steam & hot water boilers, **Marlo Coil**-heating & cooling coils, **Sentry Equipment Co.**-plate & frame, brazed heat exchangers

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

**Alrich**-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, **Hobby 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, **Rund Manufacturing**-commercial & residential gas-fired and electric hot water heaters & booster heaters, **Tlaw-Pak**-cutom 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

**ABS Pumps**-sump & sewage pumps & systems, **Alamo(Ecodyne)**-commercial & industrial water treatment, R.O. systems, D.I. water, **American Turbine**-turbine pumps, **American Water Heater**-commercial tank type water heaters, **Conbraco**-plumbing & heating products, backflow prevention devices, **Everhot**-stone lined indirect water heaters, **Graham**-plate & frame heat exchangers, steam instantaneous water heaters, **Genova/J.M./Jet Stream**-sch 40 PVC, solid & cellular core, sch 30, SDR 26 & 21, gasketed & belled end, CPVC & sewer pipe, **Griffin Products**-stainless steel sinks & fixtures, **Hydrotherm**-commercial & residential cast iron modular & pulse boilers, **John Wood Co.**-ASME & commercial pressure vessels, storage & expansion tanks, **Josam**-roof & floor drains, carriers, interceptors, commercial drainage products, **Josam/Bucher**-stainless steel pipe, floor & bench drains, **Josam/MEA**-bench drain systems in precast polymer concrete or fiberglass, **Josam/Stem**-automatic sensors or flush valves, faucets & showers, **Lasco**-PVC fittings, sch 40 & sch 80, **Maxitrol**-gas pressure regulators, **Mepco**-steam specialties, condensate & vacuum pumps, taps, **RBI**-commercial & residential copper-fin boilers & water heaters, storage tanks, pool heaters, **Rehau**-radiant floor hydronic heating & snow melt systems, plumb-pex, **Richmond Foundry**-cast iron soil pipe, fittings, full port valves, PVC drains & cleanouts, **Space Pak**-air conditioning systems, **Stiebel Eltron**-tankless electric water heaters, **SyncoFlo**-pressure booster systems, packaged HVAC pumping systems, fire pump systems, **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

**A.C.Tech**-variable speed drives, **Advance Thermal**-removable insulation & acoustical covers, **ITT Bell & Gossett**-hydronic specialties, centrifugal pumps, heat exchangers, heat transfer plugs, 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** -Dow Therm SR-1, Dow Frost, **Dri-Steam**-steam injection, gas to steam, steam to steam, electric steam, evaporative humidifiers, ultrasonic fog humidifiers, **Crisvold 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, **Welsler 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@saleserviceplus.com  
www.saleserviceplus.com

### The Taggart Company, Inc.

Manufacturers' Representatives  
32985 Hamilton Court, Suite 102  
Farmington Hills, MI 48334  
Gary O. Taggart  
Ph 248 553-4388 Fax 248 553-4653  
www.taggartco.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, **American Mfg.**-pump controls & alarms, **CTS**-copper flange adapters, **Iron Out, Inc.**-Iron Out and Pro Line chemicals, **Laco Industries**-fluxes, sealants, cements, penetrants, caulk, putty, **PHD Mfg.**-pipe hangers, strut & accessories, **Raychem**-heat tracing products, **Stadler Corp.**-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, **Zoeller**-sump, sewage & wastewater pumps & accessories, **Waterless Urinals, Seminole Nipples, Whirlpool/Cielb Tubs.**

**Anaco**-no hub couplings, transition couplings, SV gaskets, **Aquarius** - acrylic & gel coat shower/tub-shower surrounds, **Chicago Faucet**-residential, hospital, industrial, commercial, lab & decorative faucets, **Eemax**-electric tankless water heaters, **Geberit**-commercial product division. sensor flush valves & faucets, pressure assisted toilet systems, metering faucets, **Guardian Equipment**-emergency eye wash & shower equipment, **Husky** - heavy duty & mid-range no hub couplings, **Intersan Mfg.**-stainless steel and polyresin washfountains, **Orion Fittings**-corrosion resistant piping systems, high purity water & dilution tanks, **Stern-Williams Co.**-terrazzo mop sinks & shower floors, drinking fountains, **Tyler Pipe**-Tyler soil pipe & accessories, Rufwall systems

**Aqua Bath**-acrylic ADA tub & shower unit, **Cooper Blinn**-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** -inmersible & centrifugal pumps, **Insul-Tele**-insulated piping systems, **Homestead**-plug valves, **Hydrotek International Inc.**-sensor operated faucets & flush valves, **Mission Rubber Co.**-"heavyweight" no hub couplings, **Noble Co.**-anti-freeze non-toxic, CHE 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** - all valves, butterfly valves, pneumatic & electric actuators mixing valves, pipeline strainers, **Colonial Engineering**-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 and heating products, **Central**-flange insulation kits, unions, STAC corrosion control, polyethylene fittings, electrofusion, **IPS**-plastic pipe cements, primers and cleaners, **Lasco**-Sch 40 & Sch 80 PVC & CPVC and PVC DWV fittings, **MIFAB**-roof drains, floor drains, cleanouts, carriers, grease traps, oil interceptors, access doors, tap primers, **Murray**-hose clamps, **Oil Creek**-polyethylene piping systems, **RP&C Valve**-800 & 1500 class forged steel gate, globe & check valves, 1690 & 2690 class y-pattern globe & check valves, needle valves, boiler blow-down valves, **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-wafar, swing, elastomer lugged, 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)

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### 2002-2003 ASPE Officers and Committee Chairpersons

**President**

Joe Hernandez, CIPE/CPD  
S.S.O.E., Inc.  
1050 Wilshire Blvd. Ste. 260  
Troy, MI 48084  
248 643-6222 Fax 248 642-6225  
[jvhernandez@ssoe.com](mailto:jvhernandez@ssoe.com)

**Vice-President Membership**

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

**Treasurer**

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

**Affiliate Liaison**

Larry Keelan  
Larry Keelan & Associates, Inc.  
313 885-8690 Fax 313 885-8710  
[larrykeelan@comcast.net](mailto:larrykeelan@comcast.net)

**ASPE Night at the Races Chairman**

Scott Knight  
Knight Sales, Inc.  
313 534-9800 Fax 313-534-3030  
[knightsales@prodigy.net](mailto:knightsales@prodigy.net)

**Vice-President Technical**

Doug Cryer, CSI, CIPE/CPD  
Viega Pro-Press  
3600 Academy  
Dearborn, MI 48124  
313 406-2693 Fax 313 406-2959  
[propress1@comcast.net](mailto:propress1@comcast.net)

**Vice-President Education**

Esteban Cabello, PE, CIPE/CPD  
5608 Charlesworth  
Dearborn Heights, MI 48127  
313-565-3119 Fax 313-565-9818  
[cabello@comcast.net](mailto:cabello@comcast.net)

**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 248 642-6225  
[jvhernandez@ssoe.com](mailto:jvhernandez@ssoe.com)

**Vice-President Legislative**

Jill Dirksen  
Albert Kahn Assoc., Inc.  
7430 2nd Ave.  
Detroit, MI 48202  
313 202-7888 Fax 313 202-7388  
[jill.dirksen@akahn.com](mailto:jill.dirksen@akahn.com)

**Administrative Secretary**

John Nussbaum, FASSE IPP  
PHCC of S.E. Michigan  
14801 W. Eight Mile Road  
Detroit, MI 48235  
313 345-3535 Fax 313 341-1007  
[jnussbaum@pmcdetroit.org](mailto:jnussbaum@pmcdetroit.org)

**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)

**Toronto Chapter Satellite Chapter Chairman**

Peter Ashton  
MIFAB  
277 Humberline Dr.  
Etobicoke, Ontario CA M9W5J6  
[pashton@mifab.com](mailto:pashton@mifab.com)