



DATE: TUESDAY, FEBRUARY 21, 2012

DESIGN CLASS: Booster Pumps

Pumps and pumping systems in plumbing systems are subjects that could take weeks of meetings to completely understand. In the shortened version we will look at pressure booster pumps. In an effort to supply something for everyone the program will cover the gamut from the basic pump with a switch through constant speed systems and variable speed systems. The newer engineer or designer will learn to prepare the required capacities for pressure boosters as well as the types of systems normally provided in new construction today. The seasoned engineer will learn about options and the use of variable speed in pressure boosting as well as how to size the no flow tank. In addition to the above, plumbing contractors will pick up knowledge of the basic components needed for a field “built-up” booster system as well as some installation tips for larger systems. Join us for this interesting and informative meeting.

SPEAKER: Norm Hall, BSEE - R.L. Deppmann

TIME: 6:00 - 8:00 pm

WHERE: Plumbing Industry Training Center
1911 Ring Drive - Troy, MI 48083

Visit www.aspe.org/Eastern_Michigan/PDF/PlumbingSchool.pdf for a map



Norman Hall is a graduate engineer with a BSEE from Wayne State University. Norm is a Member of ASPE, and ASHRAE. He is a past President of the ASHRAE Detroit Chapter. He has been with RL Deppmann for 31 years where his job duties have run the gamut from estimator, engineering sales, parts department, sales and branch management. He currently serves the Industry and President of RL Deppmann. Throughout his career Norm has given seminars and classes to over 10,000 people in the Industry and truly embraces the Deppmann Core Value, To Teach.

ASPE MEMBERSHIP

The Value and Benefits of Membership

- ASPE Plumbing Engineering Design Handbook
- Monthly subscription to Plumbing Systems & Design magazine
- ASPE Report (in PS&D magazine)
- Biweekly ASPE Pipeline e-newsletter
- Members-only ASPENet access (includes access to ASPE PEDH chapters)
- Publication and education program discounts
- ASPE Biennial Convention and Engineered Plumbing Exposition (even years)
- ASPE Biennial Technical Symposium (odd years)
- Technical seminars and workshops
- Access to earn continuing education units (CEUs)

- Technical books and manuals (specific to the profession of plumbing engineering)
- Professional certification / recertification
- Continuing education opportunities in PS&D magazine
- Alfred Steele Scholarship Program
- Local chapter affiliation
- Monthly chapter meetings and technical seminar opportunities
- Networking opportunities with plumbing engineers worldwide
- Leadership opportunities (national and chapter boards of directors and committees) National ASPE Website: www.aspe.org
Local Michigan Chapter: http://aspe.org/Eastern_Michigan

Please forward this to others of interest.

CLASSES

Classes are open to anyone interested—you do not need to be a member to attend classes. There is **no charge** to attend classes. Registration is required. SEE reverse side for registration information.

DINNER

A hot catered dinner is available at a cost of \$18 per person to non ASPE, ASSE and MBPA members. Cash (at the door) or checks made payable to ASPE-EMC are accepted. We ask that you please notify us when you register for class if you plan to eat dinner. Dinner begins at 5:30 PM.

CPD PREP CLASS:

The next CPD Prep classes to take place will be held March 17, 2012 and March 24, 2012 - 8:30AM to 1:00PM.

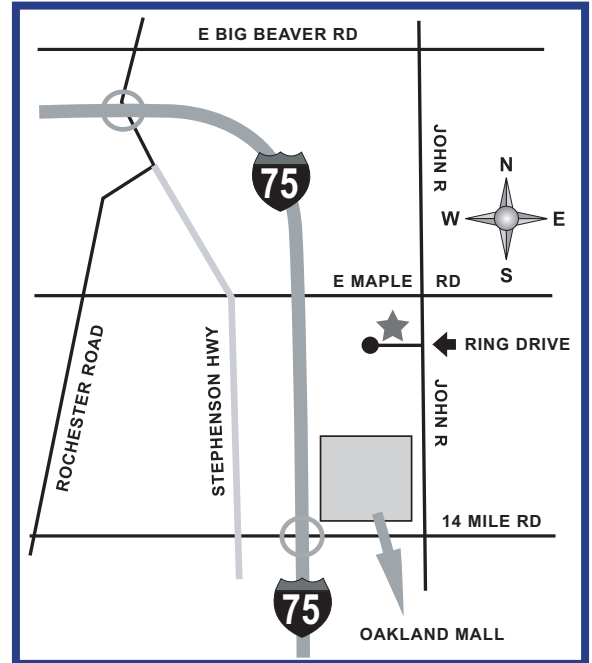
ASPE Eastern Michigan Chapter Plumbing Design Classes

Plumbing Industry Training Center

DATE: Tuesday, February 21, 2012
 WHERE: Plumbing Industry Training Center
 1911 Ring Drive - Troy, MI 48083
 TIME: 5:30 - 8:00 PM

CPD CLASS: NO CPD CLASS THIS MONTH

DINNER: 5:30 - 6:00 PM
 PROGRAM: **Booster Pumps**
 SPEAKER: **Norm Hall, BSEE** - R.L. Deppman
 TIME: 6:00 - 8:00 PM



PLEASE NOTE

Topics, times and places are subject to change, depending on the availability of the presenter or unpredictable circumstances. Check our web site for the most up-to-date information.

SPREAD THE WORD!

Please post a copy of this flyer on the bulletin board at the place where you work.

REGISTRATION

Registration is *required* by 5:00 PM on the **Friday** prior to the day of class. Visit our web site at www.aspe.org/Eastern_Michigan (*URL is case sensitive*) for easy registration and a printable map to the Plumbing Industry Training Center. Register by contacting ASPE Director/Chapter Affiliate, Dann Holmes with your name, contact information and indicate if you will be eating dinner:

BY PHONE - Dann Holmes at (248) 939-2476 Cell

BY E-MAIL - dann.holmes7@gmail.com

BY FAX - Fill in the form below and fax it to the attention of Theresa Green at (313) 341-1007.

<p>_____</p> <p>NAME <input type="checkbox"/> ATTENDING DINNER Yes <input type="checkbox"/> No</p> <p>_____</p> <p>NAME <input type="checkbox"/> ATTENDING DINNER Yes <input type="checkbox"/> No</p> <p>_____</p> <p>COMPANY OR AFFILIATION</p> <p>_____</p> <p>ADDRESS</p> <p>_____</p> <p>TELEPHONE NUMBER</p>	<p>_____</p> <p>NAME <input type="checkbox"/> ATTENDING DINNER Yes <input type="checkbox"/> No</p> <p>_____</p> <p>NAME <input type="checkbox"/> ATTENDING DINNER Yes <input type="checkbox"/> No</p> <p>_____</p> <p>CONTACT PERSON OR SUPERVISOR</p> <p>_____</p> <p>CITY / STATE / ZIP CODE</p> <p>_____</p> <p>E-MAIL ADDRESS IF AVAILABLE</p>
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