

ASPE Richmond Chapter NEWS

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November 2012



Next Scheduled Meeting (see menu on page 2)

Date: November 12, 2012

Time: 11:30 am - 1:00 pm

Place: The Holiday Inn Express - 9933 Mayland Dr.
Richmond, VA. 23233

Speaker: Michael Gauthier

Topic: Practical Design and Implementation of Water
Reuse Systems and Utilization

Price: \$20.00 (This month will be free to all Engineers,
Architects, Contractors, Designers, and Code Officials)

Sponsored by Jay Otto of Otto Sales

President's Report

Tina Capece, CPD – Chapter President

We had a great turn out for last month's meeting. Our speaker was unable to attend unfortunately due to medical reason so we were very lucky to have John Largen of John Largen & Associates get up and speak for us on some lessons learned that he has experienced. This month we will be having our Thanksgiving celebration feast which if you came last year you know that this is one not to miss.

The table-top are a great success, we had the following sponsors - **Jay Otto of Otto Sales** - **Craig Parker of Carotek, Inc. (he was a sponsor only last month)** - **Bill Lesemann of WG Lesemann and Son** - **Trey Anderson of TLA** - **Peter Pastore of RMI**

Continue on Page 2

ASPE - Richmond Chapter Newsletter - November 2012

Thanksgiving Menu

Martins Chicken & Old Fashion Meatloaf
Duchess Potato Casserole, Savory Gravy

Sweet Potato Casserole

Cranberry Orange Salad

Seasoned Green Beans

Triple Mac & Cheese

Gourmet Brownie Tray,

Chocolate Fudge Pie and

Coconut Cream Pie



Contest !!!!

Each Month

We will collect your business card at the door and randomly select one card, if your card is selected you will receive a \$20.00 and your card will be advertised in the newsletter. Last month winner is below.....We will also have a separate drawing for a MaxxGlobal Stinger Elite X1-LED Flashlight (waiting on order) this has the ASPE LOGO and is valued at \$89.99



Continued President's Report

We have raised over 4,000.00 for our chapter with the newsletter and table top sponsors. Please visit our webpage at <http://richmond.aspe.org> where you will find our latest news, our sponsors and their webpage's and our recent newsletter. My goal is to raise over 5,000.00 so don't delay while there still is room.

Next month's meeting is on Practical Design and Implementation of Water Reuse Systems and Utilization and trust me Jay Otto is not sparing no expense - his goal is to fill the room and one way he is doing that "other than a great topic" is by providing a free lunch to all the Engineers, Designers, Architects, Contractors and Code Officials. So please make sure this meeting is the meeting you don't miss this year.

National Mentoring Month is January, as most of you know in the plumbing field we would not be where we are if not for our own mentors that have taught us plumbing design. ASPE RICHMOND CHAPTER would like to show our appreciation by be giving out several mentoring awards. So I would love to hear from you about who has made a difference in your career.....Please send me a letter that describes the mentor in your life and how they influence you, then we will pick the winners. We will then have them attend either December or January's Meeting as a Sponsored Mentor, where we will present them with the Mentor Award and a \$50.00 gift certificate.

Last month door prize winner was Robert Grubbs, PE, CPD, LEED AP BD+C of Dunlap & Partners Engineers he received \$20.00 and his card is featured in this month's newsletter.

I saw many of you at the First Annual Plumb Fest, there were some great tabletops displays and lots of new products. I hope to see them continue to provide this event in the future.

I look forward to seeing you this month

Tina Capece, CPD

President

ASPE Richmond Chapter

Vice President, Membership Report

Randy Lowry - no news this month

Vice President of Membership

Technical Report

Eric C. Scott, CPD

Vice President Technical

I would like to thank everyone who came out to the October meeting. A special thanks to John Largen of John Largen and Associates for stepping up at the last minute and making a presentation on Sanitary, Waste and Vent Installation.

This month speaker will be **Michael Gauthier- Sales Manager/Engineer Highland Tank & Manufacturing Company**
mgauthier@highlandtank.com Tel 603-647-6646

Michael has over 18 years experience in the water/wastewater industry. Employed with Highland Tank for over 11 years Michael has been instrumental in the development and engineering of new products for the waste water division. Highlights include development of Highland Tank's *HighDRO* line of water reuse systems. Michael is also co-author of Vol- 4 ASPE Plumbing Engineering Design Handbook Chapter 8: Grease Interceptors.

Presentation Topic: Practical Design and Implementation of Water Reuse Systems and Utilization

The presentation will deal with design tools to engineer efficient water reclamation systems for non potable applications under the framework of LEED. Reclamation from rain, grey water, cooling condensate and wash water will be discussed. Discussion will deal with design, sizing, storage, filtration/disinfection and transmission of non-potable water for utilization in commercial/industrial/institutional reuse applications. Packaged and systems approach designs for water reuse systems will round out the discussion.

I would like to invite everyone to provide me feedback on the topics presented monthly and if there is a topic you would like to learn more about please let me know. I really appreciate everyone's input and look forward to seeing you there.

December 10, 2012

Speaker: Paul Grant, Guardian Equipment
Topic: Emergency Eyewash and Shower Equipment

Please contact me at e.scott@ha-inc.com.

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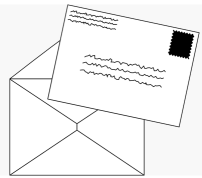
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We are seeking a dynamic **Plumbing Designer** that shares our vision and is seeking an exciting and rewarding career! Responsibilities include designing plumbing systems such as sanitary, storm, and water systems. He/she will also design a variety of energy and water-saving systems including rainwater harvesting, greywater, and solar thermal systems.

Requirements:

- 5+ years experience
- Specific knowledge of plumbing systems including sizing of piping in accordance with the International Plumbing Code
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LETTERS FROM OUR READER

Some ghosts aren't scary - Written by an Anonymous read

I distinctly remember about 20 years or so ago when I was charged with the prestigious task of being lead plumbing engineer on a high profile project in Washington DC. I worked here in Richmond, so it just made it all the more exciting. The architect was outstanding. Before he gave us the backgrounds to work from, he was probably 90% complete with his design. I don't even remember needing to ask for chases to conceal piping – they were already there. That project went out on time, complete and coordinated. Every line within our preprinted mylar borders was drawn by hand, in ink. My firm made a bundle of money and I got a nice Christmas bonus. This is the ghost of engineering past.

So fresh in the present is the project I am currently struggling to submit tomorrow. It actually causes a bad taste in my mouth. It's a very nice higher education building with a prominent architect. Big name architect too. We were asked to provide an ample design development package that was virtually a complete design. They wanted to make a good impression and establish a firm construction cost. Promises were made that the design was firm. Sadly, the firmness apparently only applied to the exterior walls. Almost every fixture in the building has had multiple locations for me to plumb. During the course of developing the plumbing documents we encountered value engineering changes, cost estimate triggered changes, floating ubiquitous roof drains. Every time we were provided new electronic backgrounds, I quaked in my shoes. I watched this fine project with a generous fee turn into an ugly money gouging monster. Tomorrow is near and I just learned from yet another update, the public toilets shifted and no longer line up through the building. Does this have to be the ghost of engineering present? Is there a way choke someone electronically over the web?

Frankly, I am getting more and more salty toward the idea an architect has the ability to alter my personal life. Changes like this the day before the deadline is inconsiderate, unprofessional and now, downright insulting. I'm insulted by the fact he cares so little about my time. Back in the day, an architect magically got it right the very first time. He got right the first time because he knew he had to manually erase and redraw the work. Changes were still necessary, but their timing was manageable. How can we impress upon the new age architects who design by mouse and keyboard the magnitude of the last minute changes? I think we should force them to hand draw the work. Make them think harder up front. Stop with the fool hardy "eyewash" they impose on us. Demand he finish before we do. Do not engineer a popcorn fart until he's over 75% complete. We as a group force should join together and brow beat the architectural community to stop the madness. Let's rearrange the construction document process such that the ghost of engineering future makes the industry fun again.

Best to remain...Anonymous

Membership Dues Hardship Waiver

Society offers a hardship waiver for members who have lost their jobs. Go to www.aspe.org for more details on applying for this benefit.

You may not think this helps, but it allows a member to stay active and take advantage of ASPE programs, both local and national.



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Solar Usage Now - KU Solar Special Training November 9, 2012

WHO ARE THEY

KU Solar is the exclusive North American distributor of Kloben's , SKY PRO CPC 58 1800 solar thermal product line. KU Solar is jointly owned by Kloben, Italy's largest manufacturer of solar thermal equipment, and Universal, one of Italy's largest solar integration companies.

Kloben, located in Verona, Italy, has more than 20 years of manufacturing experience of solar thermal equipment. The company manufactures the SKY PRO CPC 58

1800 solar thermal collector product line.. Kloben has manufactured and shipped more than 100,000 systems throughout Europe, North Africa and the Middle East.

Universal, located in Trento, Italy, has over 14 years of experience and has installed more than 100 MW of solar thermal systems in hotels, hospitals, commercial office buildings, industrial processes and multifamily residences.

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The SKY PRO CPC 58 1800 product line is the world's most efficient solar thermal collector! As an evacuated tube collector, the SKY PRO CPC 58 1800 product line, utilizes a "Sydney Evacuated Tube" design consisting of two glass tubes made from strong borosilicate glass. The outer tube is

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WEBINAR

On November 9, 2012 starting @ 1:00 P.M. KU solar will be hosting a webinar slide presentation for those that cannot be on site for training. KU solar will present installation procedures, and technical information. A discussion on marketing and selling techniques will follow.

We will need to know if you would like to be part of the webinar. Please make your reservation by calling Nancy Renner at (260) 657-5605 ex 710 or emailing her at nrenner@solarusagenow.com.

Solar Usage Now - SUN Equinox Training



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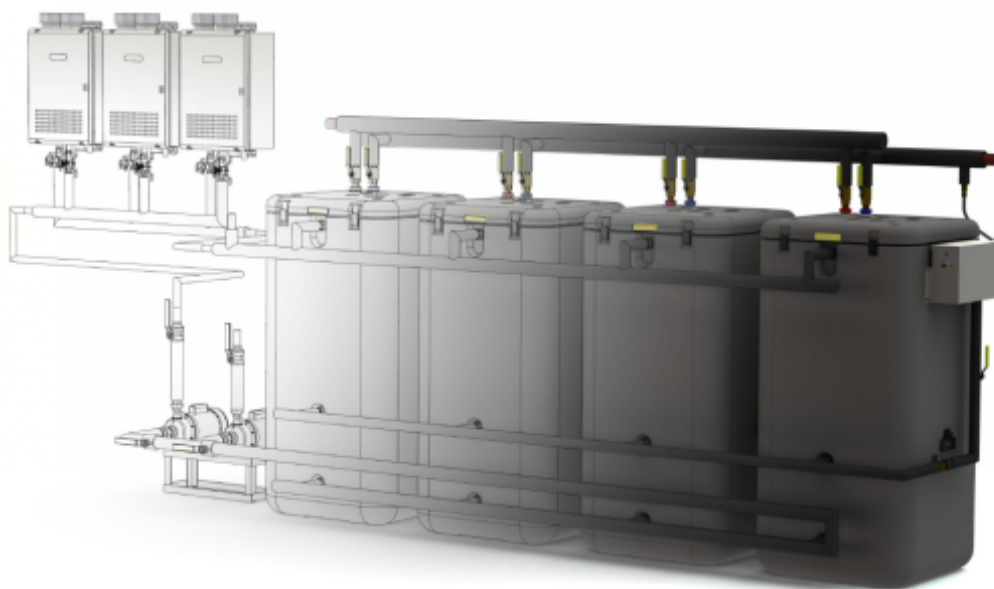
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Solar Usage Now is a company dedicated to delivering top quality, state-of-the-art solar thermal products and systems. Our global reach allows us to bring you the best solar thermal products in the industry. We are an interactive company, driven by passion, motivation, and responsiveness to our clients. And, we have been delivering residential and commercial solar systems to the world for many years.

You can take your solar business to the next level. Solar Usage Now delivers the industry's best solar products. We realized early on that the solar industry is only as strong as the boots on the ground...the men & women designing, installing, and maintaining solar thermal systems...and without professional solar installers from coast to coast, the home and business owners we serve would never be able to take advantage of the financial, health and ecological benefits that the SUN solar thermal systems delivers. We stepped up our game to create a custom system that leads the field. We have 1,000's of satisfied customers around the world.

On November 9, 2012 won't you join us for solar discussion and updates on the SUN Equinox Heating system and how it can help you lead the field.

For more information please call Nancy Renner at (260)657-5605 ex 710 or email her at nrenner@solarusagenow.com



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ADVERTISING

Newsletter Advertising:

- Rates based on ad size and will include the following:
 - As a paid advertiser you will have your business card in the newsletter that will have a link to your Web page if you have a Web page
 - As a paid advertiser you will have a hyperlink provided that will link to your Web page
 - Ads for the year will begin in the September issue and run through the May issue
 - Advertisers wishing to join after September's issue will be billed on a prorated basis
- All payments will be collected prior to the October issue –failure to make payments will result in the ad being pulled from further issues.

○ Full page	ASPE Member	\$300
	Non Member	\$400
○ ½ page	ASPE Member	\$200
	Non Member	\$300
○ ¼ page	ASPE Member	\$100
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○ Bus. Card	ASPE Member	\$75
	Non Member	\$150

Newsletter Advertising

Please refer to the adjacent summary for available advertising space and associated fees in the monthly ASPE Richmond Chapter newsletter. Ten (10) newsletters will be published and issued to the Chapter membership and associated industry firms in the Richmond area each ASPE calendar year (September through June). Rates will be prorated for advertising beginning mid-year.

If interested in advertising in the newsletter, please contact the newsletter editor,

Tina Capece , by telephone at

804-521-7035 or via email

Monthly Sponsorship Opportunities

The Richmond Chapter of ASPE continues to have successful meetings and is looking to continue improving throughout the year. The strong foundation that began in September is the springboard for an even better year than last year.

Last year the Chapter initiated the following sponsorship opportunities that were well received:

Door Prizes - Miscellaneous door prizes given away at the monthly meetings for no cost to the attendees. This includes announcement in the newsletter, multiple email notices of the meeting and announce-ment at the monthly meeting sponsored.

Tabletop Presentations - Opportunity to provide a tabletop presentation of equipment or material relative to the plumbing profession for a monthly meeting. The tabletop will be set up from beginning to end of the monthly meeting. Cost is a door prize to be raffled to the attendees. This includes announce-ment in the newsletter, multiple email notices of the meeting and announcement at the monthly meeting sponsored.

If you are interested in any of the sponsorship opportunities listed above OR any other opportunities to sponsor please contact Tina Capece, CPD

tcapece@ha-inc.com

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Project Highlight

The goal of this area of the monthly newsletter is to highlight a project with a special/unique or difficult design or installation/construction feature. Examples could be a Leadership in Energy and Environmental Design (LEED) project, a project installation in an occupied building, emergency domestic water systems or a difficult installation due to existing conditions or difficult coordination with structure.

This section will include a picture of the project and a written description from an individual involved with the project. This provides the opportunity for the membership to highlight one of their projects and also provides notoriety for the company. This opportunity is open to all members of the Baltimore Chapter of ASPE.

To highlight your project contact

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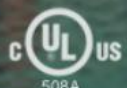
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