

Cincinnati ASHRAE News

A monthly publication of the Cincinnati Chapter of the American Society of Heating, Refrigeration & Air Conditioning Engineers

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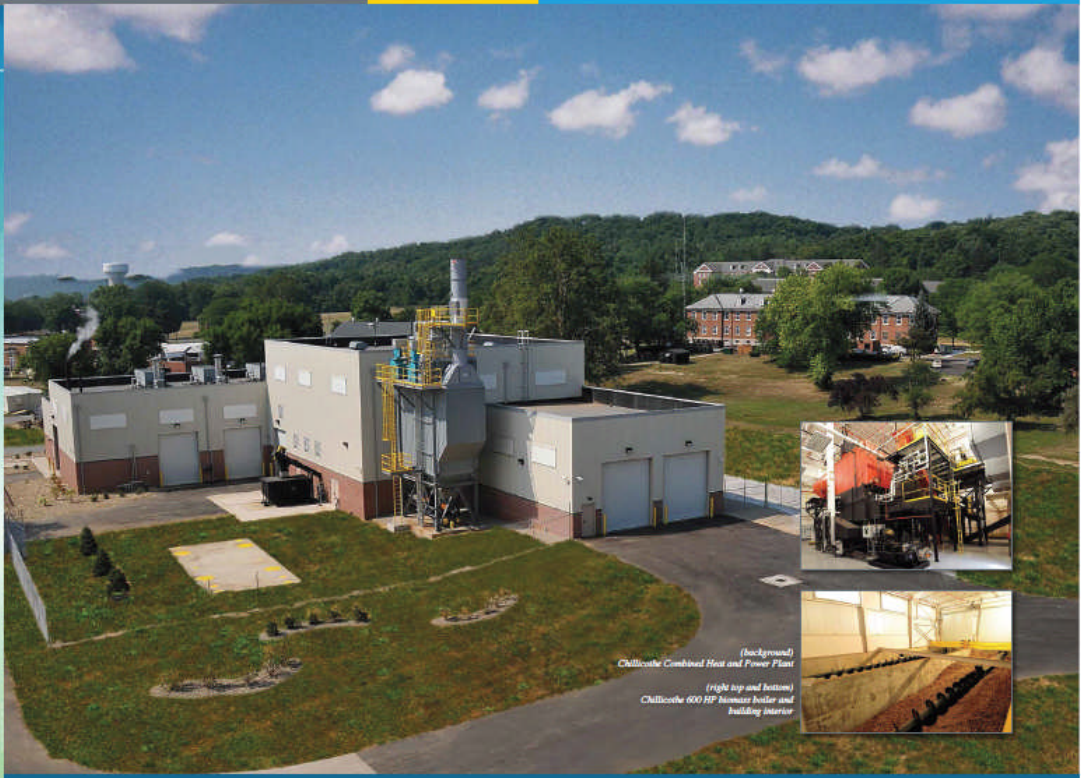
With all of the winter weather January has gotten away from us; my apologies that this Newsletter is so late in getting out to you. I am excited about our speaker for our February Luncheon. It is with great pleasure that I announce our own Cincinnati ASHRAE Member Drew Link was awarded a Federal Energy and Water Management award for a Bio Mass Boiler system that he designed. Please congratulate Drew for his award.

I look forward to seeing our membership next week at our luncheon.

Best Regards,

Nate Hull

Federal Energy and Water Management AWARDS 2013



**Dale Allard, Steven Benson, John Elliott
Ryan Jeter, Ron Stertzbach**
U.S. Department of Veterans Affairs
Chillicothe VA Medical Center
Chillicothe, Ohio

In May 2012 the Chillicothe VA Medical Center put into service the Department of Veterans Affairs' (VA) first operational biomass boiler plant, which saved 10 billion Btu of natural gas and more than \$170,000 during the remainder of FY 2012 as compared to FY 2011. The innovative system provides most of the campus facility steam needs while also generating on-site electrical power. It produced 576,000 kilowatt-hours from the 400-kilowatt turbine in FY 2012. Project savings are expected to increase in FY 2013 as the facility operations staff maintains the state-of-the-art plant as the primary steam source for the

campus. The plant was funded in part by the American Reinvestment and Recovery Act and replaced an aging, inefficient boiler plant and steam distribution system.

This project was completed as part of a 40-year long-term campus plan to implement sustainable and cost effective practices. Cost savings will be re-purposed for Veteran care and provide back-up for campus heating needs to maintain the emergency response and preparedness for the VA and the region.

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LAWRENCE G. SPIELVOGEL, PE

Larry Spielvogel is a Consulting Engineer with less than 50 years of experience, located in Bala Cynwyd, Pennsylvania, a suburb of Philadelphia. He is a Registered Professional Engineer in less than 50 States and in less than 40 other countries.

He is a Fellow and Life Member of ASHRAE and a bunch of other societies. He has never submitted or won any design awards and never got any of these new certifications. The only initials after his name are those granted by governments, because more initials may imply that he is better than anyone else is. Thus, he is not being extorted to pay for continuing education costs by the sponsoring organizations. He fears that any more initials after his name might paint a target on his back for the lawyers to shoot at. He does not always comply with ASHRAE standards because they are not required by codes or by law, and believes they no longer represent the standard of care in the HVAC field. Not all the members of the ASHRAE committees can even understand them.

He has never been sued, except for divorce. He is not worried about offending any sponsors or advertisers. Most organizations and publications are catering to sponsors and advertisers today. He is just an old-fashioned engineer. His motto is "show me your metered data."
January 1,

February, 2014

HVAC Engineer

DESCRIPTION: SHP Leading Design is looking for an energetic, highly motivated Mechanical Engineer interested in developing highly efficient and sustainable design solutions in a cooperative architectural environment. This position offers the opportunity to work on projects of varying scales and complexity and influence SHP's vision of becoming a premier sustainable design firm. Building types primarily include Pre-K-12 education, higher education, multifamily housing, civic and commercial facilities.

The principle responsibilities of an HVAC Engineer include:

- Defining and communicating sustainable design options for our project teams and clients including non-HVAC opportunities.
- Establishing energy goals for project designs and long-term operation. Utilization of life-cycle cost analysis as needed.
- Aiding in the development of design and quality control standards.
- Energy modeling and analyses to optimize overall building design (Carrier HAPS, Trane Trace).
- System types to include 4-pipe heating and cooling, 2-pipe changeover, geothermal systems, ice storage, variable refrigerant flow, chilled beams, steam, etc.
- Must have strong communication and interpersonal skills and have the ability to work in a fast-paced team environment with multiple deadlines.
- Must have the ability to lead, develop, and collaborate with other team members.
- Submission of LEED documentation for new designs and renovations.

QUALIFICATIONS: Bachelor's or Master's Degree in Mechanical Engineering or Engineering Technology is required. 8 years (minimum) experience designing building HVAC systems and Professional Engineer registration desired. LEED accreditation is a plus but training will be provided periodically. Strong computer skills using Revit and/or BIM is desirable. Previous experience with an architecture or engineering firm preferred. Strong preference for candidates residing in the Cincinnati / Northern Kentucky metropolitan region.

FIRM BACKGROUND: SHP Leading Design, a 113-year-old architecture firm, provides full service planning, architecture, engineering, interior design, construction administration, and facilities management services. The firm emphasizes high quality sustainable design solutions using integrated project delivery methodologies in a BIM environment. We promote creative and collaborative thinking among our design teams and provide the most advanced tools in the industry. Projects often extend beyond traditional work and innovative ideas are encouraged.

We offer a competitive salary and bonus, as well as comprehensive benefits. SHP Leading Design is an equal-opportunity employer. To apply please submit application through http://www.linkedin.com/jobs2/view/10771535?trk=job_nov and submit cover letter, resume and salary history to Charlie Jahnigen, Vice President at cjahnigen@shp.com.

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Looking For a HVAC Engineer

CR Architecture + Design is seeking qualified candidates to fill HVAC Engineer position in our Cincinnati OH location. With offices in Denver Colorado, Dallas Texas, and Seattle Washington, CR Architecture + Design provides architectural and engineering services to the retail, education, housing, commercial, hospitality, and government markets for national Fortune 500 clients across the United States. Minimum qualifications include BSME and ability to obtain professional engineer licensure. The ideal candidate will have experience in the design of HVAC systems, selection and application of equipment and preparation of permit plans. Candidate must be knowledgeable of Ohio Mechanical Code, International Mechanical Code, International Energy Conservation Code, and ASHRAE standards. Candidate must be proficient in AutoCAD or REVIT software. Candidate must be experienced using load calculation and energy modeling software. Candidate will work with and collaborate with dynamic team of engineers, architects, and clients. Please visit our website www.cr-architects.com to learn more about CR Architecture + Design and apply for this position.

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HABEGGER
COMMERCIAL GROUP

11413 Enterprise Park Drive
Cincinnati, Ohio, 45241
(513) 612-4700/4701 (FAX)



POSITION DESCRIPTION

POSITION TITLE:

Commercial Inside Sales Engineer

LOCATION:

Cincinnati, OH

GENERAL RESPONSIBILITIES:

Provide application and sales support for internal and external customers by identifying and pricing commercial equipment solutions.

QUALIFICATIONS:

Bachelors of Science in Engineering or experience in estimating plan/spec projects. Great written and oral communication skills. Fluent with computer applications and operating systems including Windows, Word Processing, and Electronic Spreadsheets.

Ability to make decisions without close supervision, and must be accurate, efficient and capable of handling detailed work assignments. Proven ability to work independently and self-motivated; also work cooperatively and motivate other associates. Ability to maintain self-control and complete tasks with frequent interruptions. Flexibility to adapt to changes in organizational structure and move among departments when necessary. Maintain respect at all times for confidential information.

PRINCIPAL DUTIES:

1. PLAN AND SPEC PROJECT ESTIMATING

Scan plan centers / download potential plan/specification projects for bids. Track and follow commercial activities of published plan and specification projects. Perform take-offs, identifying inconsistencies with specified equipment, generating scope letters, and developing pricing for selected equipment. Lead job meetings / assist with strategies on packaging projects.

2. TECHNICAL AND PRICING ASSISTANCE

Provide technical assistance to Sales Engineers and Customers to ensure proper equipment selection and appropriate application to achieve the desired objective. Develop scope and/or proposal for equipment selected including any required costs such as options, accessories, delivery and other costs that may be associated with the project. Document criteria used to select equipment and maintain information in project file.

3. CUSTOMER REQUESTS FOR TECHNICAL ASSISTANCE AND EQUIPMENT PROPOSALS

Provide technical assistance and develop proposal for equipment directly in response to customer requests in accordance with technical and pricing guidelines developed by Operations Manager.

4. MARKETING AND ACCOUNT DEVELOPMENT

Assist Commercial Operations Manager and Marketing Department in identifying and implementing marketing strategies to achieve corporate goals. Communicate with new and existing customers to develop or maintain relationship.

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5. RECORD KEEPING

Maintain accurate log of all activities including at a minimum, call log, open quotes, pending proposals, and sales projections. Attend weekly sales meeting to report activities of previous week. Complete attendance reports, time off requests, expense reports, staff development requests, employee self-evaluations, etc. accurately and efficiently in accordance with established policies and procedures. Maintain an organized work area with manageable filing system that allows authorized employees the ability to locate information in your absence.

6. PROFESSIONAL ORGANIZATIONS

Maintain membership and participate in various profession organizations as directed by the Commercial Operations Manager. Attend meetings and volunteer as necessary to maintain presence and promote the Habegger and Carrier Corporations.

7. OTHER DUTIES

Maintain an atmosphere of cooperation and team spirit with all company associates. Assist other departments and perform job related duties as assigned.

SUPERVISORY RELATIONSHIP:

Immediate Supervisor: Commercial Operations Manager, Pete Doyle
Supervised: None



Cincinnati ASHRAE Chapter

2848 Ratterman Ave
 Cincinnati, OH 45211
 513-481-5361
 Fax: 513-481-5361
 Attn: Laura Kamphaus

INVOICE

Invoice Number:
2013-2014 Sponsor Board
 Invoice Date:

Customer Information:

Billing Address:		Shipping Address:	
Company:		Company:	
Name:		Name:	
Address:		Address:	
City/State/Zip		City/State/Zip	

Shipping Method:

Order Information:

Qty	Product Description	Amount Each	Amount
1	2013-2014 ASHRAE Sponsor Board fee	100.00	100.00
Subtotal:			
Tax:			
Shipping:			
Grand Total:			100.00

Notes:

Please mail payment to the address above.

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2013-2014 Calendar of Events

October 8, 2013	Monthly Members Meeting - Luncheon Chilled Beams in Hospitals Speaker : Larry Hall
November 12, 2013	Monthly Members Meeting - Luncheon Industry Refrigerant Updates Speaker: Mike Thompson
December 10, 2013	Monthly Members Meeting - Luncheon Holiday Luncheon Speaker: Paul Daugherty - Cincinnati Enquirer Sports Columnist
January 14, 2014	Monthly Members Meeting - Luncheon ASHRAE 90.1 Update Speaker – Ned Heminger, PE .
February 11, 2014	Monthly Members Meeting – Luncheon Green Buildings Waste Energy Efficiently Speaker: Larry Spielvogel, PE, FASHRAE
March 11, 2014	Monthly Members Meeting - Luncheon TBD Speaker : Lew Harriman, PE, FASHRAE, Distinguished Lecturer
April 8, 2014	Monthly Members Meeting – Luncheon TBD Speaker : TBD
May, 2014	Spring Golf Outing



ASHRAE CINCINNATI CHAPTER MEETING RSVP FORM

Name

Company

Phone Number

Email Address

Will be attending the ASHRAE Cincinnati Chapter meeting on:

DATE: February 11, 2014

TIME: 11:30am

PLACE: Crowne Plaza
5901 Pfeiffer Road
Cincinnati, OH 45242

COST:
_____ \$25.00 ASHRAE member
(\$5.00 discount if RSVP by deadline)

_____ \$35.00 Non-Member
(\$5.00 discount if RSVP by deadline)

_____ \$10.00 Student

TOPIC: Green Buildings Waste Energy Efficiently
Speaker : Larry Spielvogel, P.E.

FAX TO: *Laura Kamphaus (513) 481-5361*
Or Email: laurakamphaus@zoomtown.com

Registration deadline NOON Friday, February 7, 2014
Remember to honor your reservations. No shows will be billed by ASHRAE

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