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THE PRESIDENT'S CORNER

Clint Schwartz

Happy New Year! It is the start of 2013 and I'm sure everyone is hard at work on their resolutions for the new year. We have a great topic this month presented by another Distinguished Lecturer from ASHRAE. The topic is Stratified Ventilation systems.

We are still open as far as topics for our March and April meetings, so if there are any requests, please let me know ASAP and I will try my best to fulfill them.

See you all at the meeting next week!

Best Regards,

Clint Schwartz

**Kishor Khankari, Ph.D.
*Engineering Consultant, Ann Arbor, MI***

Dr. Kishor Khankari, Ph.D., is an independent consultant. As a specialist in Computational Fluid Dynamics (CFD), he works closely with his clients to provide optimized HVAC solutions using CFD techniques. Kishor has several years of experience in providing consulting services that have resulted in the development of solutions to a wide variety of engineering problems involving fluid flow, heat transfer, mass transfer, and other similar engineering processes. Dr. Khankari has developed a patented technology of a wind

band design of exhaust fan assembly systems. He has developed several easy-to-use analytical software tools, which are regularly used by design engineers in a variety of companies including those in the critical facilities and automotive industries. A noted expert in his field, he has a Ph.D. in CFD from the University of Minnesota and has been regularly published in several technical journals and trade magazines. Dr. Khankari is an eloquent speaker and has made presentations on topics related to design and optimization of HVAC systems at various technical conferences and professional meetings.

Dr. Kishor Khankari is an active member of ASHRAE both at local and national level. He is a member of the Board of Governors and President Elect of Detroit ASHRAE Chapter. He is serving as a Chair of ASHRAE Technical Committee TC9.11 Clean Spaces and a Member of Research Administration Committee (RAC) at national level.

Stratified Air Ventilation Systems (AIA approved)

Displacement ventilation systems which are also referred to as "stratified air distribution systems" work on the principle of thermal buoyancy – hot air due to lower density rises above the cold air. Stratified distribution systems are becoming popular due to their ability to provide better indoor air quality with low energy demand. Stratified air distribution systems come mainly in two flavors – traditional displacement ventilation (TDV) systems and the under floor air distribution (UFAD) systems. This presentation will cover the basics of stratified air distribution systems and discuss various design and operational parameters that affect their performance.

SAVE THE DATE

April 18, 2013

1:00 pm – 4:00 pm EDT

FREE ASHRAE Webcast

***Assessing Building Energy Performance:
From Principles to Practice***

This webcast will feature industry experts who will explain the importance of building energy performance and its far-reaching implications in both new and existing buildings. Viewers will also learn about the various tools and approaches that are available, as well as the many opportunities that assessing building energy performance presents.

This **FREE** webcast program will broadcast live via the internet.

Cincinnati ASHRAE News

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

TP Mechanical Contractors, one of the leading mechanical contractors in the Indiana, Kentucky, and Ohio region specializing in commercial and industrial plumbing, piping, HVAC and fire protection is seeking a Professional Engineer.

Responsibilities of this position include:

- Supervise staff and lead engineering/design processes on Design Build and IPD projects and participate with client relations, scope development, and designs.
- Support development of standards procedures and policies.
- Work with clients, owners, and other design professionals to insure project scope, requirements, and budgetary parameters and desired outcomes are accurately reflected in proposals and design documentation.
- Develop, create, and maintain client relationships with clients (construction managers, general contractors, owners, etc.) with intent for D/B and IPD work.
- Manage multiple concurrent projects to meet project milestones and deliverables with assigned sales, estimating, and project management personnel delivering and supporting quality products on time and within budget.
- Provide expertise and counsel in supporting project staff regarding questions or problems related to engineering design.
- Increase effectiveness of products and services through value enhancement, system optimization, and other technical strategies.
- Supervise staff and oversee preparation of permit/construction documents.
- Develop engineering support resources including external and internal engineering staff. Mentor, train, and develop engineers.
- Apply knowledge of standards, codes, regulations, and industry best practices.
- Overseeing preparation of construction documents and specifications for building design projects
- Value engineering on mechanical systems, with emphasis on medical facilities and "green" buildings
- Working with internal and external customers on mechanical system design

Qualifications are:

- Bachelor degree in engineering field with specialization in mechanical engineering preferred
- Minimum of 5 years of mechanical engineering/HVAC experience in commercial and industrial buildings
- Minimum of 3 years of experience mechanical engineering in medical facilities
- PE stamp in Ohio required, stamp in Kentucky and/or Indiana preferred
- Ability to travel regionally to jobsites/offices in Columbus, Cincinnati, and KY.

For these desirable skills, TP Mechanical Contractors will offer a competitive salary along with full benefit package. This is an exceptional opportunity to make a real impact with a strong and growing organization that has been in business for over 50 years!

Interested candidates should submit their resume with salary history to hrdept@tpmechanical.com or fax to 513-851-0612 Attn: HR/PE. For more information about TP Mechanical Contractors, check out our web page at www.tpmechanical.com. EOE

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Cincinnati ASHRAE Chapter

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Cincinnati, OH 45211

513-481-5361

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Attn: Laura Kamphaus

INVOICE

Invoice Number:
2012-2013 Sponsor Board

Invoice Date:

Customer Information:

Table with Billing and Shipping Address fields: Company, Name, Address, City/State/Zip

Shipping Method: [Form field]

Order Information:

Table with 4 columns: Qty, Product Description, Amount Each, Amount. Includes a summary row for Subtotal, Tax, Shipping, and Grand Total.

Notes: Please mail payment to the address above.

Additional Information: Sales, Events, Conditions of Sale, Warranty Information, Shipping Options or other policies can be mentioned here.

2012-2013 Calendar of Events

- | | |
|-------------------|--|
| October 9, 2012 | Monthly Members Meeting - Luncheon
ASHRAE bEQ Program
Speaker : T. David Underwood, ASHRAE DL |
| November 13 2012 | Monthly Members Meeting - Luncheon
Humidity Control Design
Speaker: Lew Harriman, ASHRAE DL |
| December 11, 2012 | Monthly Members Meeting - Luncheon
Holiday Luncheon
Speaker: Paul Daugherty - Cincinnati Enquirer Sports Columnist |
| January 15, 2013 | Monthly Members Meeting - Luncheon
Stratified Air Ventilation Systems
Speaker – Kishor Khankari, ASHRAE DL |
| February 12, 2013 | Monthly Members Meeting – Luncheon
Impact of Diffuser Inlet Conditions on Overhead Mixing Air Distribution
Speaker: Jerry Sipes |
| March 12, 2013 | Monthly Members Meeting - Luncheon
TBD
Speaker : TBD |
| April 9, 2013 | Monthly Members Meeting – Luncheon
TBD
Speaker : TBD |
| May 13, 2013 | 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: January 15, 2013

TIME: 11:30am

PLACE: Crowne Plaza
5901 Pfeiffer Road
Cincinnati, OH 45242

COST:

_____ \$30.00 ASHRAE member
(\$5.00 discount if RSVP by deadline)

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

_____ \$10.00 Student

TOPIC: Stratified Air Ventilation Systems
Speaker : Kishor Khankari, ASHRAE DL

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

Registration deadline NOON Friday, January 11, 2013
Remember to honor your reservations. No shows will be billed by ASHRAE

January, 2013