



The Texas Norther

Monthly Newsletter of the Dallas Chapter, Region VIII

www.dallas-ashrae.org

January 2010

Volume 59, No. 4

Chapter Meeting

January 13, 2010

10:00 a.m. - 11:00 a.m. Seminar
11:30 a.m. - 1:00 p.m. Luncheon

Where:

City Place Conference Center
2711 North Haskell, Suite 100
Dallas, TX

Lunch Session Topic:

Magnetic Bearing, Frictionless
Centrifugal Chiller Systems

Presenter:

Julian R. de Bullet

Reservations:

By Phone - 972/780-6019
On the web - <http://www.dallas-ashrae.org/reservations1.php>

PLEASE REFER TO THE
RESERVATION POLICY
ON THE BACK PAGE OF
THIS NEWSLETTER

Letters to the Editor should be
sent via e-mail to
kmiller@md-eng.com

ASHRAE National Customer Service:
800/5ASHRAE

Message From the President

Message from the President
January 2009

I hope all had a Great Holiday and a Happy New Year. As 2010 is now upon us I, for one, am hoping it will bring a better economic state for the DFW area. Although some had a great 2009 there were those that experienced a dreaded decrease. We welcome in the New Year and are optimistic 2010 will bring increased economic conditions.



The December meeting brought some great educational topics to our chapter members. The Dallas Chapter offered a three (3) hour seminar and a luncheon presentation. The seminar was divided up into two (2) different topics: Energy Consumption Series vs. Parallel Fan Powered Terminal Units and finishes up with Hospital Operating Room Air Distribution Design. The Luncheon presentation was delivered by John Hanel from Oncor Electric Delivery. John presented Utility Rebates And Subsidy Programs For The North Texas Region.

In addition to the of the available PDH hours the Dallas Chapter provided a brief "How To" presentation to keep your personal biography up-to-date on the ASHRAE society website. This biography is extremely important for you and the Chapter since this is how the Chapter nominates members for awards. The Dallas Chapter has focused on giving credit where credit is due and really wants to recognize our members for their outstanding contributions to the community and ASHRAE organization. Therefore, please keep your biography updated and if you need help please do not hesitate to contact me.

The Dallas Chapter would also like to welcome Anne Berry and Josh Yeary to the Board of Governors as the new Student Activities Chairs. We are sad to see Margaret Taraba leave the position, but we are exited for Josh and Anne to take the position.

The Dallas Chapter sends its best wishes in 2010 and we hope to see you at our next Chapter Meeting held on January 13.

Sincerely,

Peter Sudbeck



CALENDAR 2009-10					
		Chapter		Society	Other
Jan	1/6/10	BOG Meeting - Double Tree Hotel	1/23/10 thru 1/27/10	ASHRAE Winter Meeting Orlando, FL	1/23/10 Future Cities Judging UTA - Arlington
	1/13/10	Chapter Meeting - City Place <i>Frictionless Centrifugal Chiller Systems</i> Julian De Bullet - Distinguished Lecturer			
Feb	2/3/10	BOG Meeting - Double Tree Hotel	TBD 2/14/10 thru 2/20/10	Region VIII Strategic Planning Meeting - TBD President Elect Training Engineer's Week	
	2/10/10	Chapter Meeting - City Place <i>Engineering Ethics</i> TBD			
Mar	3/3/10	BOG Meeting - Double Tree Hotel			
	3/10/10	Chapter Meeting - City Place Technical Session - TBD TBD			
	3/10/10	Chapter Meeting - City Place Ebtron Flow Measurement TBD			
	3/12/10	ASHRAE Sporting Clay Shoot			
Apr	4/7/10	BOG Meeting - Double Tree Hotel			
	4/14/10	Spring Seminar - City Place <i>Duct Design: Exposed, Acoustics and LEED Performance</i> Gerard L. Lacouzze - McGill AirFlow			
	4/14/10	Chapter Meeting - City Place <i>Meeting Standards, Codes and Guidelines with Air-to-Air Energy Recovery Systems</i> Paul Pieper - Distinguished Lecturer			
	4/30/10	ASHRAE Golf Tournament Bridlewood Golf Club	4/22/10 thru 4/24/10	2010 Region VIII CRC Monterrey, Mexico	
May	5/5/10	BOG Meeting - Double Tree Hotel			
	5/12/10	Chapter Meeting - City Place Promoting Your Non-profit Organization Jeff Criley			
Jun	6/2/10	BOG Meeting - Doubletree Hotel	6/26/10 thru 6/30/10	ASHRAE Annual Conference Albuquerque, NM	
Notes				ALI - ASHRAE Learning Institute	



Dallas Chapter - ASHRAE

Income/Expense Statement

2009-2010 Annual Budget	Budget	Actual	Percentage
	for '09-'10	YTD	of Budget
Income			
(1) - Chapter dues	\$ 13,000.00	\$ 6,435.00	50%
(2a) - Money Market interest	\$ 300.00	\$ 76.85	26%
(2b) - Regular Share Interest	\$ 5.00	\$ 1.00	20%
(2c) - Checking Interest	\$ 75.00	\$ 1.00	1%
(3a) - Meeting - meals, bar	\$ 17,000.00	\$ 6,481.00	38%
(3b) - Seminar - Fall	\$ 1,000.00	\$ 1,750.00	175%
(3b) - Seminar - Spring	\$ 1,500.00	\$ -	
(4) - Roster sponsors	\$ 850.00	\$ -	
(5) - Golf tournament - Spring	\$ 16,000.00	\$ -	
(6) - RP Event (raffle - proceeds fwd to Socie	\$ 500.00	\$ -	
Miscellaneous	\$ 100.00	\$ -	
Total Income	\$ 50,330.00	\$ 14,744.85	29%
Expense			
(7) - CRC representation	\$ 1,600.00	\$ -	
(8) - Student Activities	\$ 500.00	\$ -	
(9a) - Meetings-meals,bar,room	\$ 18,000.00	\$ 9,279.49	52%
(9b) - Meetings - audio/visual	\$ 2,700.00	\$ -	
(10) - Research Promotion - matching funds	\$ 6,000.00	\$ -	
(11) - RP Events - Raffle Prizes	\$ 300.00	\$ -	
(12a) - Seminar - Fall	\$ 500.00	\$ -	
(13b) - Seminar - Spring	\$ 500.00	\$ -	
(14) - Website Charges	\$ 500.00	\$ -	
(15) - Miscellaneous	\$ 1,000.00	\$ 80.00	8%
(16) - Golf tournament - Spring	\$ 10,000.00	\$ -	
(17) - CRC Fund Meeting	\$ 5,000.00	\$ -	
(18) - P.N Vinther Scholarship Fund	\$ -	\$ -	
(19) - Printing - Roster	\$ 100.00	\$ -	
(20) - Regional Dues/Award	\$ 1,800.00	\$ -	
(21) - CPA Fees	\$ 250.00	\$ -	
(22) - USPS P.O. Box	\$ 204.00	\$ -	
(23) - Membership promotion	\$ 50.00	\$ -	
(24) - Bank service charges/check printing	\$ 50.00	\$ -	
(25) - Awards	\$ 400.00	\$ -	
(26) - Scholarships	\$ 500.00	\$ -	
Total Expense	\$ 49,954.00	\$ 9,359.49	19%



**ASHRAE & ASPE Dallas/Fort Worth Chapters
Combined Sporting Clay Tournament
Friday, March 12th 2010
11:30 AM to ~4:00 PM**

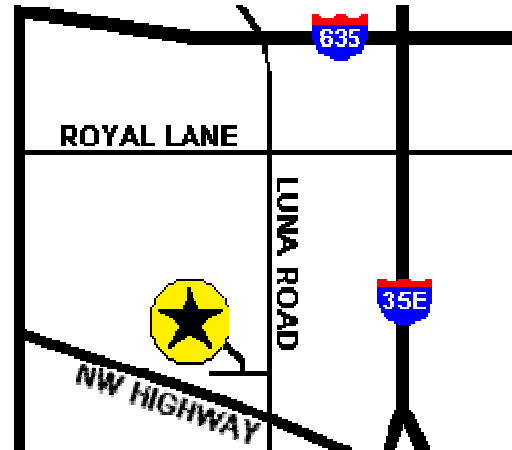


American Society of
Heating, Refrigeration &
Air Conditioning Engineers

American Society of
Plumbing Engineers



**Elm Fork Shotgun Sports
10751 Luna Road
Dallas, Texas 75220
www.elmfork.com**



Enjoy an afternoon having lunch and shooting sporting clays with the ASHRAE Dallas & Fort Worth Chapters and the ASPE Dallas/Fort Worth Chapter. This event will bring together professionals from three great Texas chapters with members, non-members and vendors welcome.

The cost is **\$100** per person and includes lunch and shooting fees. Beginners are welcome and a brief safety & instruction course will be held prior to shooting. Shooters are responsible for bringing at least 100 rounds of ammo and a shotgun. Shotguns are available for rent at the range and ammo can be purchased. Lunch will be served at 11:30 AM and the shooting starts at 12:30 PM.

Email or fax entry forms before March 4th and bring a check payable to **ASPE Dallas Chapter**. Entry form applies to a team or an individual shooter.

Team Leader _____ Phone # _____

Shooter #2 _____ Phone # _____

Shooter #3 _____ Phone # _____

Shooter #4 _____ Phone # _____

Vendor participation is welcome, please call Charles Crawford / Sam Toub for details.

For questions, directions or to R.S.V.P. please contact:

Charles Crawford via email at ccrawford@victaulic.com or call (214) 676-4134 fax (972) 395-9911
Sam Toub via email at sgtoub@stoubandassociates.com or call (972) 386-5629 fax (972) 386-7274



IAQ 2010 Examines Impact of HVAC on Airborne Infectious Disease

ATLANTA –The role of HVA&R in airborne infectious disease transmission, design and control strategies and technology, pandemic preparedness and airborne infection control will be examined at the IAQ 2010 conference sponsored by ASHRAE.

Co-organized by CIBSE and ISIAQ, *IAQ 2010: Airborne Infection Control – Ventilation, IAQ & Energy*, takes place Nov. 10-12, 2010, in Kuala Lumpur, Malaysia. This is the first time the conference is being held outside of the United States.

“The building industry is increasingly faced with the challenge of providing a healthy indoor environment,” Dr. Chandra Sekhar, conference chair, said. “The SARS episode, the current H1N1 pandemic and fears of avian flu have transformed the built environment landscape, raising not only significant public health concerns but also economic implications on a global scale. Airborne infection and its control in the built environment have tremendous impact in the design, operation and maintenance of buildings and other enclosed environments. IAQ 2010 will review the state of knowledge about airborne infection and help define future directions.”

The conference will feature peer-reviewed technical papers, workshops and tutorials. Abstracts are invited in the following subject areas:

- Is airborne infection in enclosed environments emerging as a primary IAQ and health concern?
- What is our current understanding of the airborne infection route in enclosed environments, including buildings and transportation conveyances?
- What is the status of airborne infection control techniques adopted in different types of enclosed environments and our knowledge about their effectiveness?
- How do mechanical systems and other building and enclosure characteristics contribute to healthy environments in an energy-efficient manner?
- How can we create and sustain healthy enclosed environments through design, construction, commissioning, operation and maintenance?
- What metrics and tools can be used to quantify the degree to which an enclosed environment is healthy and energy-efficient?
- What are the costs and quantifiable benefits of airborne infection control strategies?
- What government and private sector programs exist or are proposed, including standards and guidelines for infection control and pandemic-preparedness in enclosed environments?
- How well are the existing programs working and what roles can ASHRAE and other organizations in the field of building science and conveyance design play?

The deadline for abstracts is Jan. 15, 2010. Abstracts, containing titles and maximum 400-word summaries, should be submitted at www.ASHRAE.org/IAQ2010. For more information, email IAQ2010@ashrae.org or visit www.ASHRAE.org/IAQ2010.



Health Care Facility Ventilation Standard Incorporated into FGI Guidelines

ATLANTA – As a move toward a single consensus-based standard of care, a ventilation standard from ASHRAE and ASHE has been incorporated into the *Guidelines for Design and Construction of Health Care Facilities*, copyrighted by the Facility Guidelines Institute and published by the American Society for Healthcare Engineering (ASHE).

ANSI/ASHRAE/ASHE Standard 170-2008, *Ventilation of Health Care Facilities*, defines ventilation system design requirements that provide environmental control for comfort, as well as infection and odor control.

The inclusion of Standard 170 in the 2010 edition of the Guidelines replaces much of the ventilation material previously included in the Guidelines. This merger is intended to eliminate potential confusion by having two national ventilation standards for health care. The Guidelines are used by more than 42 states and several federal agencies to regulate health care facility design and construction around the United States, meaning that in some states Standard 170 is likely to be adopted into code as part of the Guidelines.

“Congratulations to FGI and ASHE for their successful publication of the 2010 Edition of the *FGI Guidelines for Design and Construction of Health Care Facilities*,” Rick Hermans, chair of the Standard 170 committee, said. “Standard 170 was developed and continues to evolve with the direct participation of members of the Health Guidelines Revision Committee, who are supported by FGI. Their efforts, along with the efforts of our partner ASHE, make the family of documents that offers guidance, regulation and mandates to designers of health care facilities closer than ever to the goal of a single consensus-based minimum standard of care. The marriage of the FGI Guidelines and Standard 170 is a testament to the cooperation of all parties over the last four years to bring this excellent document to publication.”

Looking for Guidance on Standard 189.1? Visit www.ashrae.org/greenstandard

ATLANTA – As publication of the nation’s first code-intended high-performance green building standard draws nearer, a Webpage providing the detailed information about the standard, including a draft copy of the document, has been launched.

Proposed Standard 189.1, *Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings*, moved one step closer to publication in December. It was approved for publication by the Boards of Directors of ASHRAE, IES and USGBC, the three groups that are partnering in its development. ASHRAE is going through the final stages of the American National Standards Institute consensus development process and is hopeful the standard will be available in January.

“Given that this standard will set the foundation for green building codes, it is vital that the building industry is familiar with its requirements,” Kent Peterson, chair of the Standard 189.1 committee, said. “ASHRAE, USGBC and IES recognize the potential of this standard to change the marketplace and are working to educate the industry. Given its impact, we also are working to make the standard available as quickly as possible.”

www.ashrae.org/greenstandard serves as a one-stop resource for information on Proposed Standard 189.1, *Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings*. The page contains an easily readable version of the standard, along with more information on the areas addressed by the standard and other resources for high-performance building.

Proposed Standard 189.1 is being developed by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) in conjunction with the Illuminating Engineering Society of North America (IES) and the U.S. Green Building Council (USGBC). The standard, slated to be the first code-intended commercial green building standard in the United States, is expected to be published in early 2010.



RESERVATION POLICY: To encourage members to make early reservations, the CHAPTER offers meals at the reduced rate of \$20.00. The regular rate of \$25.00 per meal is charged for all meals for which there is no prior reservation. A non-diners' table is provided for the convenience of those who do not want to eat a meal, but do want to attend the CHAPTER meeting. Reservations must be made by 12 NOON of the Monday prior to a CHAPTER meeting. If necessary, a previously made reservation may be cancelled no later than 8 AM of the day before a CHAPTER meeting. Those who have made reservations for a meal are responsible for payment to the CHAPTER, even if they cannot attend the meeting.

2009-2010 Dallas Chapter Officers and Board of Governors

The Officers, Board of Governors and Committee Chairs may be contacted via the following phone numbers or at the Chapter address; P.O. Box 802426, Dallas, 75380-2426

		Phone	Email
President	Peter Sudbeck	972.570.4700	peters@texasairsystems.com
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Student Activities	---	---	---

2009-2010 Dallas Chapter Committee Chairs

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