



# The Squirrel Cage

Alamo Chapter #65

San Antonio, Texas

VOL XLVI No. 8

March 2007

## Special "Past Presidents" Meeting:

**Date: Tuesday, March 13, 2007**

Time: 5:30-7:30 PM  
Complimentary Hour'dourves & Cash Bar

Place: Oak Hills Country Club, 5403 Fredericksberg Road

ASHRAE president, Terry Townsend, will present "A Sustainable Future"

Meeting Sponsor: Carter & Burgess

Please make your reservations early 3/12)

RSVP w/Rezaur Rahman: rezaur@esaengineers.net

## Regularly Scheduled Meeting:

**Date: Tuesday, March 20, 2007**

Time: Lunch 11:30 AM  
Meeting 12:00 PM

Place: Oak Hills Country Club, 5403 Fredericksberg Road

Cost: \$15.00 with reservations, \$20.00 without

Roger Schmidt, marketing manager for Nomaco K Flex, will be speaking on low temperature insulation.

Meeting Sponsor: DBR, Inc.

Please make your reservations early (no later than 3/16)

RSVP w/Rezaur Rahman: rezaur@esaengineers.net

## Presidents Message:

**We are going to have two meetings this month.**

The first meeting will be held on Tuesday, March 13th. This is to make up for missing our January meeting. We are honored to have ASHRAE President Mr. Terry Townsend as our guest speaker. If you remember from January, his presentation will cover ASHRAE's vision of sustainable design and the future of ASHRAE vision.

This is also going to be "Past Presidents" meeting.

I've seen quite a few past presidents recently, either attending our local meetings or at other events. Let's all get together for this meeting and show Terry what a great chapter we have here in San Antonio.

Our second meeting will be held at our regular time and date; 11:30 am on March 20th at the Oak Hills Country Club. Our guest speaker will be Roger Schmidt, marketing manager for Nomaco K Flex, and he will be speaking on low temperature insulation

Other business – be sure to sign up for the education course and/or the satellite broadcast. More information on these two items can be found inside the Squirrel Cage.

Also, start getting your golf team put together. The sign up sheets can be found herein. (By the way, we are going to need a few people on the golf committee. If you are interested, get with Mark Pickett.) CRC is in Oklahoma City this year. We have included information in this event as well.

That's it. Mark your calendars for BOTH meetings this month. I'm looking forward to seeing everyone there.

Travis McLeod, P.E.  
Chapter President  
tmcleod@txap.com



*The Squirrel Cage is published by Munters Corporation*

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**Please Visit [www.alamoashrae.org](http://www.alamoashrae.org)**

# Meeting: February 27, 2007

**Speaker: Kirk Dippel**

**Topic: HEAT TRACING**

## Attending:

Alfred Vitela, Brian Allerheiligen, Bob Harper, Bill Schulte, Bruce Smith, Bob Schrader, Bill Wurzbach, Chip Drewry, Chris Garcia, Craig McCurly, Chris Miller, Clifford Tilbury, Dean Alderson, Don Barker, David Kam, David Pena, Eric Ireton, Fred Gleeson, Gilbert Barron, Golda Weir, Gene Raanes, Howard Decker, Ian Vohninkle, John Freund, John Faultersack, Jerry Pruitt, Joe Reynolds, Jeffrey D. Tabb, Jim Knight, John Koenig, Jesse Trinidad, Kirk Dippel, Ken Graham, Larry G. Zunker, Mark Ealy, Matt Freund, Mike Lawlor, Mike Layman, Manuel Lizcano, Mike Powell, Mark Pickett, Oscar Zuniga, Paul Deltz, Paul Naizer, Phillip Preston, Peter Teige, Quang Nguy, Roland Almaraz (Munters), Rajendra K. Kapoor, Rudy Lopez, Roger Mendez, Rob McNicol, Richard Powell, Rezaur Rahman, Sam Harper, Steve Holt, Steve Huck, Steve Richey, Scott M. Wells, Scott Wunsch, Todd Buck, Todd Keener, Travis McLeod, Thomas J. Powell, Victor Garcia, Wade Cleary, Wayne Fang, Wayne Howell, Walter Gleye, Waylon Sodd

## Meeting Dates & Topics

Tuesday, March 20, 2007

Low Temp Pipe Insulation

Tuesday, April 17, 2007

Refrigeration, "Basics of Design & Common Mistakes"

Tuesday, May 15 2007

Ethics Meeting, Guest speaker TBD

Tuesday, June 19, 2007

T&B panel

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## **Indoor Environmental Design Focus of ASHRAE Satellite Broadcast**

*Indoor Environmental Design: Practical Solutions to Everyday Problems, sponsored by ASHRAE's Chapter Technology Transfer Committee, will take place from 1-4 p.m. EDT, April 18.*

ATLANTA - Specific solutions to the everyday challenges of achieving indoor environmental quality within real-world budget constraints will be presented by ASHRAE in an upcoming satellite broadcast/Webcast.

"This program will benefit designers, building owners, architects, contractors and facility managers who are faced with the daily engineering challenge of specifying systems that maximize IAQ, thermal comfort and noise control," said Bill Williams, chair of the broadcast committee. "Viewers will be given guidance on how to provide ventilation air that helps protect buildings instead of increasing mold risk, how to avoid the three most common mistakes in ventilation system design and operation, and how to provide comprehensive filtration without breaking their budget."

Bill Coad, P.E., president of Coad Engineering Enterprises, St. Louis, Mo., and past ASHRAE president, will present an overview perspective on indoor environmental quality and introduce the following panel of experts:

Hoy Bohanon Jr., P.E., owner and consultant, Bohanon Engineering Winston-Salem, N.C., "Ventilation System Design: Avoiding Three Common Mistakes."

Lew Harriman, director of research, Mason-Grant, Portsmouth, N.H., "Ventilation Air: First, Do No Harm."

Dan Int-Hout, chief engineer, Krueger-HVAC, Richardson, Texas, "Noise, IAQ and Thermal Comfort – Can You Have It All?"

Chris Muller, technical director, Purafil, Doraville, Ga., "Behind the Access Door – Advances in Affordable Filtration for IAQ."

Online registration opens March 1 for satellite broadcast site coordinators and Webcast participants at [www.ashrae.org/IEDbroadcast](http://www.ashrae.org/IEDbroadcast). Registration for satellite downlink viewers begins March 15. There is no fee for registration.

For more information, email [ashrae-satellitebroadcast@ashrae.org](mailto:ashrae-satellitebroadcast@ashrae.org) or call 678-539-1139.

**The San Antonio ASHRAE Chapter intends on providing a common meeting room for this satellite broadcast, so that our membership can meet in one location. Engineers will receive up to 3 PDH Hours for participating in this course. If you are interested in attending this FREE Seminar, please let me know.**

**Travis McLeod**  
[tmcleod@txap.com](mailto:tmcleod@txap.com)



# ASHRAE

Technology for a Better Environment

## ASHRAE CONTINUING EDUCATION EQUIPMENT APPLICATIONS – SPRING SESSION

Design Professions, Contractors, and Facility Operators are constantly challenged to stay abreast of current technology, current industry trends, and current best practices. We are also challenged to get our jobs designed, built, and running smoothly. That takes a solid understanding of Applications, beyond the basic fundamentals.

Our goal is to provide training for system component applications that you use in 80% of your day- to-day operations as Engineers, Contractors or Facilities Operators.

**This course will run for 4 weeks, for 2.5 hours / session. The cost of the course is \$200/ student.**

### Subjects Covered will be:

Course Name	Instructor / Sponsor*	Date / Time *
Fan Coils & AHUs – Custom & Commercial	Mark Pickett – HTS	Wednesday <b>Mar 21</b> , 2007; 5:00 – 7:30 PM
<b>Fans</b> – Inline / Rooftop / Commercial & Industrial	Ken Graham – Mech Reps	Wednesday <b>Mar 28</b> , 2007; 5:00 – 7:30 PM
<b>Chillers</b> – Air and Water Cooled (Scroll, Screw, Centrifugal)	Melvin Pipes – York Int.	Wednesday, <b>Apr 4</b> , 2007; 5:00 – 7:30 PM
<b>Pump</b> Applications – Air Control / Balancing / Pipe sizing	Dave Fluchel – Advanced Mechanical System	Wednesday, <b>Apr 11</b> , 2007; 5:00 – 7:30 PM

\* - Preliminary Instructor / Date Schedule, Final adjustments may occur as required.

### What you will learn:

1. How to select the correct component (widget) for the job.
2. What five, six, or seven widgets do 80% of your applications.
3. Current best practices in applying / selecting widgets.
4. How to specify / schedule widgets properly.
5. Most common errors encountered with the use of widgets.

**Classes will be held at the centrally located: CPS Service / Training Facility at 7000 San Pedro, San Antonio, Texas. The Training Room is directly in through the front door.**

**The Class Size will accommodate the first 30 applicants. Classes begin soon... Sign Up Before Friday, March 1. Payment at the door is acceptable with a check. See you there.**

**Confirm your slot at: [markp@htseng.com](mailto:markp@htseng.com) today / or call at (210) – 643-5152.**

**All proceeds benefit ASHRAE Research.**

*American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.*

AN INTERNATIONAL ORGANIZATION



# ASHRAE MEETING



We cordially invite AIA, USGBC and ASHRAE members to join our *Past Presidents Night*.

ASHRAE president, Terry Townsend, will present  
“A Sustainable Future”

**Tuesday, March 13<sup>th</sup>, 2007**

**5:30 pm – 7:30 pm**

**Oak Hills Country Club**

5403 Fredericksburg Road  
San Antonio, 78229



Terry Townsend, P.E., ASHRAE Fellow and President of Townsend Engineering Inc, serves on six technical committees for ASHRAE. Among many other accomplishments, he has served as the representative to the ASHRAE/USGBC steering committee. Townsend is focusing on *The ASHRAE Promise: A Sustainable Future*, highlighting ASHRAE’s efforts in sustainability in the building environment.

**RSVP**

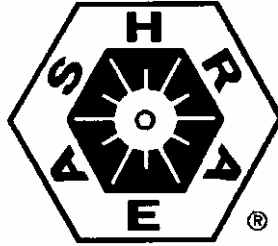
**No later than March 12<sup>th</sup>:  
[rezaur@esaengineers.net](mailto:rezaur@esaengineers.net)**

**Complimentary Hour’dourves & Cash Bar**

Due to the large attendance anticipated, please RSVP. Only a certain number of “walk-ins” can be accommodated

**Meeting Sponsor:  
Carter & Burgess Engineering and Architecture**

**ALAMO CHAPTER**  
**ASHRAE Meeting FAX**



**MARCH MEETING ANNOUNCEMENT**  
**MAKE A RESERVATION & SAVE \$5.00**

**Please note that there are two meetings this month: March 13<sup>th</sup> @ 5:30pm and March 20<sup>th</sup> @ 11:30am.**

**Date: Tuesday, March 20, 2007**

**Time: Lunch 11:30 AM**  
**Meeting 12:00 PM**

**Place: Oak Hills Country Club, 5403 Fredericksberg Road**

**Cost: \$15.00 with reservations, \$20.00 without reservations**

Roger Schmidt, marketing manager for Nomaco K Flex, will be speaking on low temperature insulation. Below ambient systems cover a wide range of applications and require special consideration vs. hot systems. Insulation selection to prevent condensation requires a review of many factors other than those just found on a data sheet. Environmental and application parameters must be considered as well as the end customers expectations. Various applications from chilled water, refrigeration to cryogenic and duct applications will be explored. Outdoor applications require additional criteria. Several new products/options which have come on the market recently to improve the cost / performance of these type of systems will be discussed.

**Meeting Sponsor: DBR, Inc.**

Please make your reservations early (**not later than March 16, 2007**) and join us in this very informative meeting.

To make reservations, contact: Rezaur Rahman @ [rezaur@esaengineers.net](mailto:rezaur@esaengineers.net)(preferred)

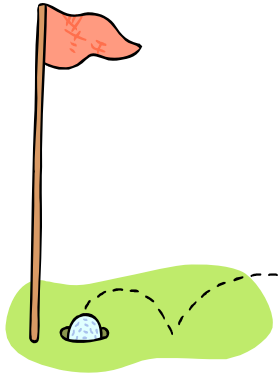
Or call Nancy @ (210) 342-3483

**Make your reservation NOW!!!**

**Rezaur Rahman**

Attendance Chairman

P.S. If you know of someone who should be getting this e-mail but is not, please let me know. Conversely, if you are getting this e-mail and don't want to receive same, please let me know.



**Sponsorship Opportunities For The**  
**Alamo ASHRAE Chapter**  
American Society of Heating Refrigerating & Air Conditioning Engineers  
**Annual**  
**Golf Classic '2007**



**-- Come see our "New" Location --**

*The Republic of Texas Golf Club*

**Tournament Date: Friday – May 18th**  
(Tournament Entry Information Is Attached)

**Benefiting ASHRAE Research!**

**“GOLD” Sponsorship \$2,000 (One Gold Sponsorships Available)**

**This sponsorship is the best way to play in the tournament and show that you support Alamo ASHRAE and ASHRAE Research! It includes:**

- Entry for **four** golfers to the tournament (\$400 value)
- Company name highlighted on our Master Sponsorship Sign
- Company name displayed on beverage cart sign
- Sponsorship highlighted in the Squirrel Cage ASHRAE newsletter
- Recognition during announcements prior to the tourney, and during our tourney awards ceremony
- Recognition in next year's Chapter Roster/Product Directory

**“SILVER” Sponsorship \$500 (Twelve Silver Sponsorships Available)**

**This sponsorship is an excellent way for your company to support the ASHRAE RESEARCH campaign, and still play! It includes:**

- Entry for **one** golfer to the tournament (\$100 Value)
- Company name highlighted on our Master Sponsorship Sign
- Sponsorship highlighted in the Squirrel Cage ASHRAE newsletter
- Recognition during our tourney awards ceremony
- Recognition in next year's Chapter Roster/Product Directory

**“Driving Range” Sponsorship \$200 (Multiple Sponsorships Available)**

**Everyone needs practice! Display your company name where people are sure to spend a lot of time. They will also know that you support Alamo ASHRAE and ASHRAE Research!**

- Company name displayed on the driving range hitting area (where they will be sure to notice you!)
- Sponsorship recognized in the Squirrel Cage ASHRAE newsletter
- Recognition in next year's Chapter Roster/Product Directory

**“Tee Box / Green” Sponsor \$100 (Many Sponsorships Available)**

**It gets you on the course where the action is! Have your company name displayed on some of the most exciting and challenging golf holes in San Antonio. Everyone will know that you support the Alamo ASHRAE Chapter and ASHRAE Research!**

- Company name proudly displayed on the tee box of one of the famous holes at The Quarry Golf Club
- Sponsorship recognized in the Squirrel Cage ASHRAE newsletter
- Recognition in next year's Chapter Roster/Product Directory

**Mail A Check With Form (payable to Alamo ASHRAE Chapter) to:**

**Mark Pickett**  
**C/O HTS**  
**102 W. Nakoma**  
**San Antonio, TX 78216**

**Phone:210-340-2533**  
**Fax:210-340-2575**

Golf Tournament Entry Information

Alamo ASHRAE Chapter

American Society of Heating Refrigerating & Air Conditioning Engineers

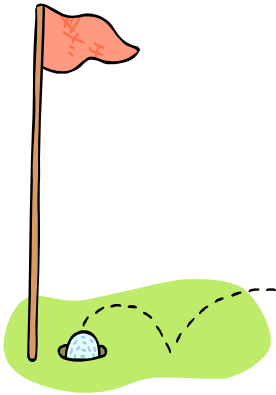
Annual

Golf Classic 2007

At The Republic of Texas Golf Club

Friday – May 18, 2006

Benefiting ASHRAE Research



Tournament Open To All Building Related Engineers, Contractors, Suppliers, and Industry Friends

<b>Location:</b>	The Republic of Texas Golf Club 4226 SE Military – San Antonio, TX
<b>Format:</b>	4 – Person Florida Scramble
<b>Check-in:</b>	Noon (Lunch & Dinner Provided)
<b>Start:</b>	1:30 PM Shot Gun Start
<b>Entry Fee:</b>	Still only \$100 Per Player!

	Player Name	Company	Ph#	Fax#	Avg. Score Or Handicap
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____

\*Make \$100.00 per player entry fee checks payable to: Alamo ASHRAE Chapter

\*Mail entry form with check to: Mark Pickett  
 C/O HTS Phone: 210-340-2533  
 102 Nakoma Fax: 210-340-2575  
 San Antonio, TX 78216

- Enter as an entire team, partial team, or individual (The golf committee will form teams from partial teams or individuals).
- Please indicate accurate average score on entry form for fair play. We keep records from prior years!
- Limited to the first 144 players. Entries requested by May 4 (prefer before, for proper tournament preparation).
- Open to all engineers, owners, contractors, manufacturers and reps, wholesalers, clients and associates, and industry friends, and all avid golfers (male & female)!