

The Oil Capital Air

Newsletter of the Northeastern Oklahoma Chapter of the
American Society of Heating, Refrigerating and
Air-Conditioning Engineers, Inc.

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Volume XLVII, Issue 5

Tulsa, Oklahoma

December 2005

PANEL DISCUSSION HEADLINES THIS MONTH'S MEETING



President's Message By: Joel Karstetter

Thanks to everyone that made it to the November meeting. Mr. George Gibson P.E. gave an interesting presentation on Engineering Ethics. Our technical session was also very informative. Mr. Mike Dooychak presented "Front

Loading Boilers". November was Research Promotion night. Brian Hamilton presented coin medallions to all members and organizations that contributed to ASHRAE research last year. It was very impressive to see the number of individuals and companies that donate to ASHRAE research. We should be proud as our Chapter is one of the top in all of ASHRAE for raising money for research. Now is the time to consider your contribution for this year. With all the natural disasters of 2005 and the subsequent increases in energy cost, energy conservation research is critical to our industry.

ASHRAE has many unfunded energy conservation research projects. Your generous donations will help fund some of these projects which will better our industry as well as our individual businesses. Please see Brian Hamilton to make a donation.

The December 8th meeting will be a **lunch meeting** starting at 11:30 and ending at approximately 1:00. We have a very interesting panel discussion planned that will be of interest to guests in our industry. Members from other professional organizations, the AIA, MCA, and ASPE, are

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UPCOMING EVENTS

- *December 8, 2005 Chapter Meeting*
- *No Technical Session*
- *11:30 Lunch*
- *Board of Governors Meeting December 15, 2005 Siemens*

**DECEMBER 8th CHAPTER
LUNCH STARTS AT 11:30**

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being invited to attend. Five professionals representing owners, contractors, engineers and architects will lead a discussion on project budgeting, value engineering, and cost overruns. With the drastic increases in material cost and the shortage of available labor budget overruns are inevitable. The discussion will center on what causes overruns and how to work together to get the job in budget.

I hope everyone has a great holiday season, see you at the meeting.

Joel can be reached at 665-3974 or jkarstetter@abscompanies.com

Membership Promotion

By: **Chuck Mayfield**

Thanksgiving is the time of year to reflect on all the blessings we have received over the past year. Our chapter has been blessed with some great members recruiting new great members every year. Keep up the good work.

A healthy chapter is a growing chapter.

Please contact Chuck Mayfield for additional information or applications.

Chuck Mayfield can be reached at 624-1005 or cmayfield@eei-ok.com

Directory

By: **Bill Hanlon**

As we approach the new year, it is time to do a little house cleaning. I have found a number of businesses that no longer have an ASHRAE member associated with them. Your business' listing in the directory is one of the benefits of membership in this organization. Once these listings are purged, the products listed with the companies will also be removed from the Product Cross Reference section. If you regularly do business with any of these suppliers, it might be a good opportunity to do a little membership promotion in order to get their products back on the list.

We will also be updating the password as we head into 2006. You will be notified by e-mail when the switch is made.

Have a wonderful Christmas and a safe and happy New Year.

Bill Hanlon can be reached at 605-5441 or wutzpneu@aol.com

Student Activities

By: **Bob Allwein**

Did you know that the chapter can receive 50 PAOE (Presidential Award of Excellence) points for each engineering college undergraduate or tech school student placed in an ASHRAE related summer intern job or part time job during school? If you currently have employees meeting these criteria or are interested in hiring students please contact the Student

Activities Committee.

Sam Davis and Bob Allwein met with David DeArmond, the liaison for the ASHRAE Student Chapter at OSU Okmulgee, to discuss the status of the student chapter and speak with students about joining ASHRAE. Society currently lists seven student members for the Okmulgee chapter. Sam and Bob spoke to approximately thirty students about the advantages of ASHRAE membership. After the presentation six students picked up membership applications.

The Student Activities Committee is looking for individuals and companies that would consider purchasing meals for students that attend our chapter meetings. This can be done two ways. You can purchase a full or part meal booster ticket or you can let our treasurer, Nancy Mack, know you would help pay for student meals. This is an investment in the future of our industry.

Bob Allwein met with Marie Pfaff, a teacher with Tulsa Technology Center, to discuss the pre-engineering program at Edison High School. According to Marie there are six Tulsa area schools that currently have pre-engineering programs. Bob volunteered the services of our chapter in providing speakers to talk to students about opportunities in HVAC engineering. Again, an investment in the future.

Bob Allwein can be reached at 770-5380

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Research Promotion

By: Brian Hamilton

Thank you to everyone who has paid their golf sponsorship donations. We still have a few companies who have not paid. I will be contacting them this month. Joel and I will be visiting with our golden circle contributors AAON and MCAA for their contribution renewal. Keep in mind that the Feb auction is coming up soon. Please start planning what items to donate. You can contact me and I would be happy to pick them up.

I have several coins and plaques left over from donor recognition night. If you would like yours soon please contact me.

Brian Hamilton can be reached at (918) 664-9756 or bhamilton@2boonesales.com

History

By: Myke Thompson

The Northeastern Oklahoma Chapter (Chapter #069) of the American Society of Heating Refrigerating and Air Conditioning Engineers, Inc. (ASHRAE) was chartered on October 2, 1948. Since that time our chapter has shown a steady growth in membership and has made significant contributions to the region, the Society and the industry which it serves. Our chapter has been recognized with numerous awards, including earning the Presidential Award of Excellence every year since its inception and being ranked number one in

Society in final PAOE point standings for the 1986/1987 year, number two in 1999/2000 year, number five in 1992/1993 and number six in 1998/1999. Our chapter still has three **charter members**. They are: James C. Netherton, Jr., Richard F. Shoemaker and J. Neal Watt. Our chapter has twenty-three chapter members who have been awarded the grade “**Life Member**” or “**Life Associate Member**” by the Society.

Jack Averitt, John Baker, Dick Drinkwater, Carl Eichstaedt Jr., John Hambrick, Bill Hearon Jr., Everett Ives, James McKinney, John Mitchell, Richard Mohler, Jack Morgan, Armand Morin, Chick Morse, Tom Owens, Edward Pflug, Gene Redford, David Sahler, James Shaw, Richard Shoemaker, Sidney Simon, Ron Spencer, Robert Swain, Jack Tumilty, John Von Gonten and Neal Watt. The following special awards have been given to chapter members: **Distinguished Fellows** – David Knebel and Jack Tumilty, **Distinguished Service Award** – Mike Beda, David Callahan, David Knebel, Chick Morse and Jack Tumilty. **Chapter Service Award** – Mike Beda. **Regional Award of Merit** – Mike Beda, Charles Callahan, Ron Huntley, Chick Morse, Ron Spencer, Joe Tucker and Jack Tumilty. **50 Year Distinguished Member** – Jack Tumilty 1999. **Golden Circle Investors** - AAON, Inc. and Mechanical Contractors Association of Eastern Oklahoma.

This years Northeastern Oklahoma Chapter #069 officers are; President Joel Karstetter, President-

Elect David Lam, Secretary Pam Dunlap and Treasurer Nancy Mack. Our Board of Governors are; Mary Bowers, Bill Hanlon, Ron Huntley, Nancy Mack and Steve Uerling. The Grass Root Committee Chairs are; Membership Promotion Chuck Mayfield, Student Activities Bob Allwein & Brady King, Resource Promotion Brian Hamilton, CTT-Chair Rob Teis, CTT-VC Main Programs Mike Beda, CTT-VC Tech Session Keith Browne, CTT-VC Refrigeration Michael Base. Committee Chairpersons for the CDM Directory Bill Hanlon, CDM Attendance Scott Pollard, CDM Webmaster Paul Mannas, Historian Mike Thompson, Reception Mike Guillen, Publicity Darren Stephens, Honors & Awards Gene Redford, Invocation & Nominating Paul Roberts, Special Events Jerry Beardslee, CRC Delegate Cary Pestel and CRC Alternate Delegate/Past President Steve Johnson.

We all should be very proud of our chapter and for the hard work all of our members put forth in making Northeastern Oklahoma Chapter the outstanding chapter that it has become today.

Remember to thank the contractors, the manufacturers, engineers and the utility companies for their support and contributions to our chapter.

Myke Thompson can be reached at 270-1414 or Thompson.m@mcintoshservices.com

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CTT

By Rob Teis

Thanks to all who attended last month's meeting. Mike Dooychak of PVI presented the tech session on "Front End Loading of Boilers". His topic covered the basics of combining condensing, non-condensing, low-mass, & high-mass boilers in a system to better match load profiles & reduce first cost.

George Gibson from the Oklahoma State Board of Registered Professional Engineers and Land Surveyors presented the main program on "Rules for Professional Conduct". His presentation covered the various laws & standards engineers must adhere to concerning ethical situations. Don't forget to finish your take home test. I can't give you your PDHs until you hand them in.....just kidding.

This month we will be having a panel discussion at our lunch joint meeting over "Budgeting & Value Engineering". This will be a hot topic for sure! We will be hearing different slants on how budgets are created & the reasons jobs come in over budget from the perspectives of owners, architects, engineers, general contractors, & mechanical sub-contractors. Come out & join the discussion to help us all build better projects!

Rob can be reached at 382-6134 or RobT@aaon.com

Chapter Meeting

By Pam Dunlap

The NEOK Chapter meeting was held on November 10, 2005, at the Tulsa Renaissance Hotel. President Joel Karstetter called the meeting to order at 6:45 p.m. and reminded all members that it was Research Promotion Night, encouraging members to consider giving generously to research.

Mike Guillen, Reception Committee Chair, announced guests.

Invocation was given by Keith Browne. He reminded us to remember veterans in observance of Veteran's Day, November 11. Keith recapped the life of a Viet Nam veteran, Lt. Richard (Rick) Rescola. After a stellar active service, he retired from the U.S. Army Reserves as a colonel and worked for Morgan Stanley as head of security. His work brought him to the World Trade Towers on September 11, 2001. He was credited with saving 3,000 lives before his own was lost in the collapse of the Towers. Keith led membership in the Pledge of Allegiance and a prayer.

Refrigeration Chair Mike Gulizio asked members to attend the tour of the National Steak and Poultry plant in Owasso. Mike made arrangements for members to tour the facility November 16, at 9:45 a.m.

Research Chair Brian Hamilton summarized the chapter's success at raising funds for research in 2004-05. He gave recognition to

the two Golden Circle contributors and then distributed coins to the previous year's contributors who had donated at least \$100.

Rob Teis introduced the evening's speaker, George Gibson. Mr. Gibson is on the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors. His topic "Engineering Ethics – Rules for Professional Conduct" included printed ethical guidelines from various related professional organizations.

President Karstetter thanked Mr. Gibson for his presentation and Mike Dooychak for the Technical Session presentation.

The next Chapter meeting will be December 8, at the Renaissance Hotel convention facilities for a lunch seminar, beginning at 11:30a.m. There will not be a Technical Session in December.

Meeting was adjourned at approximately 8:30 p.m.

Board of Governors November

By Pam Dunlap

The NEOK Chapter Board of Governors (BOG) meeting was held on November 17, 2005, at the offices of Siemens Building Technologies of Tulsa. President Joel Karstetter called the meeting to order at 4:30 p.m.

President Karstetter's first topic was this year's level of attendance at Chapter meetings. After much discussion, several Board members will assist in implementing

some of the concepts.

Minutes: October BOG and Chapter meeting minutes, and November Chapter meeting minutes were distributed prior to the BOG meeting, and corrections were collected. Bill Hanlon moved that minutes be approved as amended, Nancy Mack seconded the motion, and motion carried.

Treasurer: Nancy Mack reported that the audit committee has submitted a report with the results of their review and recommendations for future handling of the Chapter's financial records. Mary Bowers moved that the records be reviewed at mid-year in addition to the end-of-year audit, and standard practices for the office of Treasurer be created. Steve Johnson seconded, the motion carried.

Newsletter: Dave Lam requested articles be received by November 23.

Research Promotion: Joel Karstetter and Brian Hamilton will visit the previous Golden Circle donors and Brian will contact BOG members to reach Full Circle requirements before the end of December

CTT: Rob Teis and Mike Beda brought the Board up to date on the progress toward planning December's panel discussion. The proposed topic is "Budgeting and Value Engineering." Various trades and disciplines will be represented by the panel members.

CTT - Refrigeration: The tour of the National Steak and Poultry facility in Owasso was attended by approximately 10 members. A spring tour is being planned.

Student Activities: Bob Allwein reported that he presented various careers related to heating and air-conditioning to students at Union Intermediate School. He and Sam Davis will be going to Okmulgee to encourage students at Okmulgee Tech to become members and involved with ASHRAE. Mr. Allwein plans to contact administrators at Edison High School. Nancy Mack said Memorial High School has a pre-engineering program and might be receptive to a similar visit. Mr. Allwein is still trying to contact student sponsors at the University of Tulsa and Northeastern State University.

Directory: Bill Hanlon reported that the calling campaign continues. Mr. Hanlon asked the Board's advice concerning the listing of companies who no longer have an ASHRAE member. Mary Bowers suggested company names be given to the Membership Chair for follow-up. She proposed a motion to create a policy such that companies contacted be allowed 90 days to introduce an employee as a member. Companies not represented by an ASHRAE member should be purged from the Manufacturer's Roster.

Attendance: "Evite" proved to be a success. Nearly all members received notice of the November's meeting.

Reception: Mike Guillen reported reception of members prior to meetings has been going well.

Publicity: Announcements for Chapter meetings have been published in the Tulsa World business section of the preceding Sunday edition.

CRC Action: Cary Pestel reported that he has photos to download and will begin communications to encourage members to attend the CRC meeting in Cancun next April.

Website: Paul Mannas reported that the website is requiring little attention with the posting of the monthly newsletter the major task.

New Business: President Karstetter asked how many BOG members were making plans to go to the CRC meeting in April and asked if special travel arrangements were appropriate. He will contact the Oklahoma City chapter to find out what interest their membership may have in joint chartering a plane to Cancun for this year's CRC.

The next Board of Governors meeting will be December 15, 4:30 p.m., at Siemens Building Technologies offices, 41st and Mingo.

Treasurer's Report

By Nancy Mack

As we enter the last month of the year, it is a good time to be reminded of a few housekeeping items. First, please remember to check-in properly at the

monthly meetings. This means checking-in with the treasurer before picking up your badge. This allows us to keep an accurate count for the meals and attendance. Second, if you receive an invoice, please pay it in a timely manner. This allows us to keep the books current and your membership in good standing. So far, this has not been a problem, but it is good to be reminded as the year progresses. Finally, we still need members to purchase booster tickets. These not only give you an overall discount on meeting meals, but also save you and your guests from long check-in lines at the monthly meetings. They are available for individuals and companies (\$125) or for students (\$175). Sponsoring a student booster ticket is especially beneficial to the chapter as it encourages "up-and-comers" in the industry to participate in our fine organization. These could be your future employees! Please contact me for further information.

Nancy Mack can be reached at 491-6100 or Nancy.Mack@siemens.com

CRC Action

By Cary Pestel

ASHRAE Region VIII, CRC is in Cancun Mexico this ASHRAE season. We are watching the news and searching the internet

for information but it looks like the city will be in full swing (after Wilma slammed the coast) by the time we get there. Information is still coming together on the arrangements but I am finding that the standard rate for the Fiesta Americana Condesa is \$119.00 per night double occupancy. A quick search using CheapTickets.com indicates a \$315.00 round trip airfare.

This is a perfect opportunity to hang out with your ASHRAE buddies and stretch CRC into a mini-vacation. The Board of Governors is looking into the cost of chartering a plane. Please email (cpestel@2boonesales.com) and let me know if you are intending on making the trip. If we get enough response we might save some money by chartering a trip as a group. Watch the newsletter for more information. There is a lot more to do in Cancun than just the CRC so mark your calendar today.

Cary can be reached at 6649756 or cpestel@boonesales.com

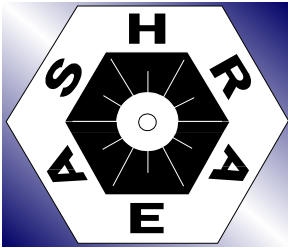
Editor's Column

By David Lam

A couple of weeks ago we lost a cherished member of our industry in Al Derycke. Those of us that had the opportunity to know and work with Al were truly blessed. The following is a brief excerpt on his passing from the

Tulsa World: Funeral services for Alvin Jack DeRycke will be 10 a.m. Saturday November 19 at Christ United Methodist Church with Rev. Robert Mansfield officiating. Burial will follow at Woodlawn Cemetery, Claremore, under the direction of Musgrove-Merriott-Smith Funeral Service. Alvin died Tuesday November 15, 2005 at St. Francis Hospital at the age of 48. The son of Gustaf and Alice DeRycke was born April 22, 1957 in Newark, NY. Alvin attended Pal-Mac High School. On March 3, 1984, he married Lisa Gladden in Tulsa. They made their home in Claremore before moving to Tulsa in 1988. Alvin worked for Oil Capital Sheet Metal as a Chief Estimator for nearly 20 years. He was a member of Christ United Methodist Church. Alvin enjoyed spending time with his family and coaching both of his sons' youth sports teams. He also enjoyed home remodeling, camping and fishing. Alvin was preceded in death by his mother. He is survived by: his wife, Lisa; sons, Adam J. currently serving in the U.S. Air Force in Spokane, WA and Aaron J. of Tulsa; daughter Adena St. Clair and husband Steven of Bartlesville; grandchildren, Christian Esparza, Alexis St. Clair and Elijah St. Clair, all of Bartlesville; father and step-mother, Gustaf and Beverly of Palmyra, NY; brothers, Allen and wife, Betty and Alex and wife, Dawn, all of Palmyra, NY; and father and mother-in-law, Earl and Grace Gladden of Tulsa. You can view Al's tribute and sign his memory book at www.mmsfuneralhomes.com.

We will miss you Al.



NEOKASHRAE BOOSTER TICKET APPLICATION

Individual Booster Ticket: (Name) _____ \$125.00

Individual Booster Ticket: (Name) _____ \$125.00

Corporate Booster Ticket: Qty. _____ @\$125.00 \$ _____

Student Booster Ticket: Qty. _____ @\$175.00 * \$ _____

Member Promotion:
Booster Ticket: Qty. _____ @\$125.00 * \$ _____

Student Meals: Qty. _____ @\$25.00 * \$ _____

Total Amount Paid: \$ _____

Company Name: _____ Contact Person: _____

Address: _____

Phone: _____ Fax: _____

Mail Checks to:
Nancy Mack
C/O Siemens
4150 S. 100th E. Ave., Ste 109
Tulsa, Ok 74146

Make checks payable to:
NEOKASHRAE

* Tax deductible donation for the benefit of the Chapter

Total	\$
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Andy Gearhardt and Josh Shepherd



Mike Dooychok—Tech session speaker

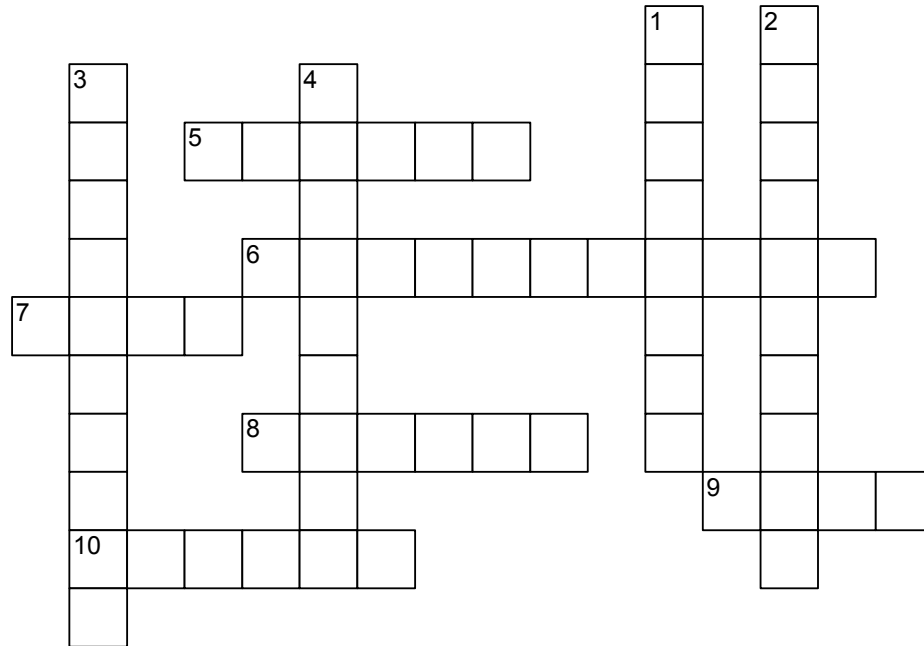


George Gibson, PE Dinner speaker



Chad Smith and Tony Terry

DECEMBER PUZZLE



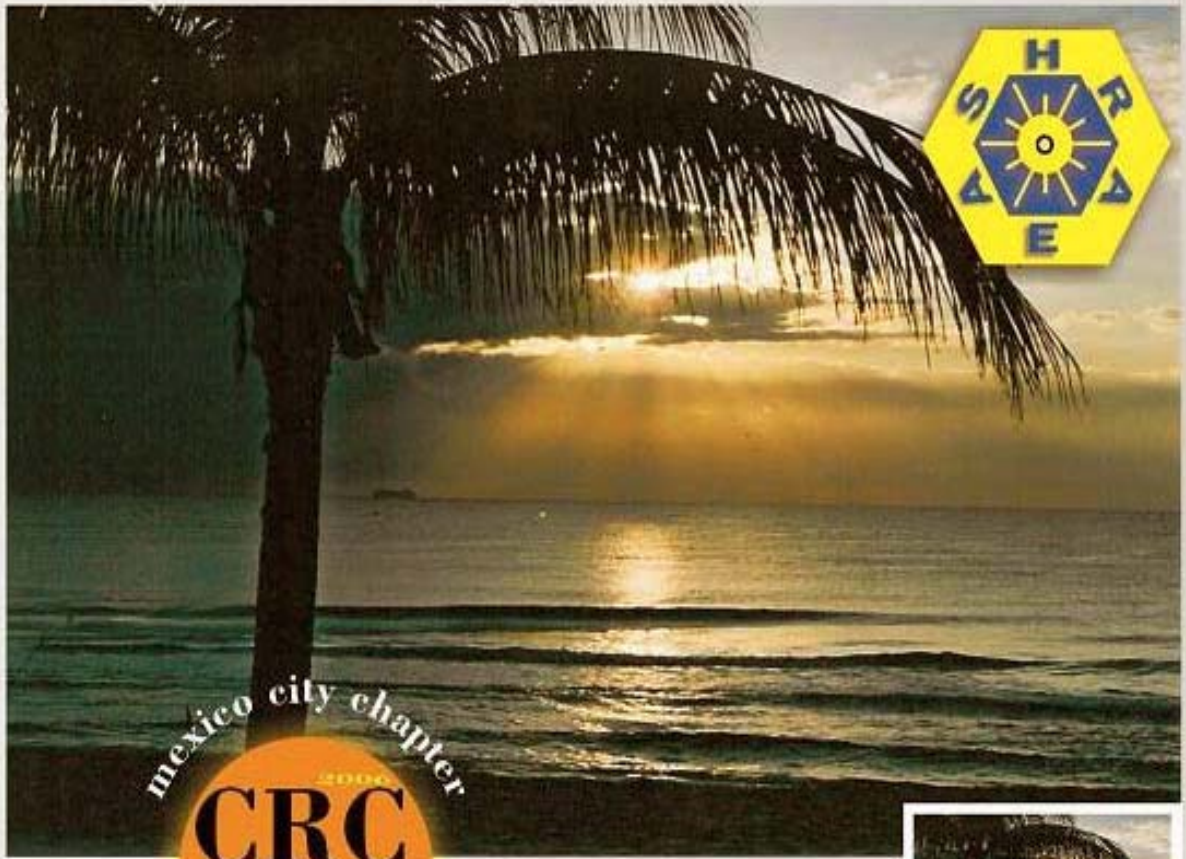
www.CrosswordWeaver.com

Across

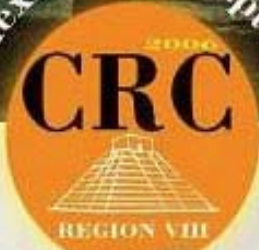
- 5 A closed heating appliance intended to supply hot water or steam for space heating, processing or power purposes
- 6 Natural or mechanical process of supplying conditioned or unconditioned air to remove air from space
- 7 A tube or conduit utilized for conveying air
- 8 A manually or automatically controlled device to regulate draft or the rate of flow of air or combustion gases
- 9 An air intake device used to capture, by entrapment, grease and similar contaminants before they enter a duct system
- 10 Threaded connection or bolted flange in piping system to which a gas burning appliance is attached

Down

- 1 A flame, spark or hot surface capable of igniting flammable vapors or fumes
- 2 Part of a system in which liquid refrigerant is vaporized to produce refrigeration
- 3 Rapid oxidation of fuel accompanied by the production of heat or heat and light
- 4 An assembly consisting of a hearth and fire chamber of non combustible material and provided with a chimney



mexico city chapter



cancun
MEXICO

Hotel Fiesta Americana Condesa Cancún
Blvd. Kukulcán Km 16.5 Zona Hotelera
77500 Cancún, Quintana Roo
Reservaciones México: Por definir
Reservations USA: T B D
Clave Grupo/Group Code: Por definir/T B D



APRIL 27,
APRIL 27, 28 & 29

APRIL 27, 28 & 29, 2006

Visit our website at www.ashrae-neok.org

The Oil Capital Air

Northeastern Oklahoma Chapter
 American Society of Heating Refrigerating and Air-Conditioning Engineers, Inc.
 P.O. Box 54069
 Tulsa, OK 74155-0069

Chapter Volunteers

Officers:

President	Joel Karstetter	Voice 665-3974	Fax 665-4219
President-Elect	David Lam	250-5590	459-0997
Secretary	Pamela Dunlap	587-4747	587-8008
Treasurer	Nancy Mack	491-6600	491-6985

Board of Governors:

Robert Allwein		831-8383	
Bill Hanlon		622-1500	835-9992
Jeff Ferguson		877-6000	877-4000
Mike Gulizio		455-1712	451-1596
Steve Uerling		836-0271	836-0275

Committee Chairs:

CRC Delegate	Robert Allwein	770-5380	
CRC Alternate	Steve Johnson	270-1414	270-1444
Attendance	Scott Pollard	250-5590	459-0997

Committee Chairs (cont.)

CTT	Rob Teis	382-6134	382-6367
Directory	Bill Hanlon	622-1500	835-9992
Historian	Mike Thompson	270-1414	270-1444
Honors & Awards	Gene L. Redford	622-0600	622-0618
Invocations	Chad Smith		
Membership	Chuck Mayfield	624-1005	624-1006
Newsletter	David Lam	250-5590	459-0997
Programs (Tech)	Keith Browne	258-7460	258-7460
Programs (Main)	Mike Beda	664-0312	665-3351
Publicity	Darren Stephens	622-4822	663-8543
Reception	Mike Guillen	664-0312	665-3351
Refrigeration	Mike Gulizio	458-1712	
Resource Promotion	Brian Hamilton	858-0060	858-0061
Special Events	Jerry Beardslee	587-4747	587-8008
Student Activities	Robert Allwein	770-5380	
TEGA	Mike Base	836-0271	836-0275
Webmaster	Paul Mannas	664-0312	665-3351

Calendar of Events

Important Dates	Meeting	Location
June 16	Board of Governors	Powers of Oklahoma
July 21	Board of Governors	Powers of Oklahoma
August 18	Board of Governors	Powers of Oklahoma
September 8	Chapter/Golf Tourney	Clary Fields Golf Club
September 15	Board of Governors	Siemens
October 13	Chapter	Renaissance Hotel
October 13	Board of Governors	Renaissance Hotel
November 10	Chapter	Renaissance Hotel
November 17	Board of Governors	Siemens
December 8	Chapter	Renaissance Hotel
December 15	Board of Governors	Siemens
January 12	Chapter	Renaissance Hotel
January 19	Board of Governors	Siemens
February 9	Chapter	Renaissance Hotel
February 16	Board of Governors	Siemens
March 9	Chapter	Renaissance Hotel
March 16	Board of Governors	Siemens
April 13	Chapter	Plant Tour
April 20	Board of Govenors	Siemens
April 27-29	CRC	Cancun, MX
May 12	Chapter	Renaissance Hotel
May 19	Board of Governors	Siemens
June 26-30	Annual Meeting	Denver, CO