



The THERM

Fort Worth Chapter of ASHRAE Newsletter

www.ashrae-ftw.org

February 2008

Chapter Meeting

Wednesday

February 20, 2008

Petroleum Club – 39th Floor

10:30 BOG
11:45 Luncheon
12:30 Program

Please R.S.V.P.

Rick O'Connor
(972) 789-3431

e-mail:

rick.o'connor@carrier.utc.com

Program

“Thermal Expansion Valve
Theory”

Andy Heinz

Parker Hannifin Corporation

Individual Highlights

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Greetings,

It was nice seeing everyone at our January meeting. We appreciate Dan Pollock from The Trane Company presenting Temperature and Humidity Control with CDQ™

Your Chapter Officers, Committee Chairs and Board of Governors have a lot of events and opportunities for everyone to take advantage of. Please take time to read through the meeting minutes and please let us know if there is something that “you” feel we should be discussing.

This month we will have a refrigeration topic. The basis of the discussion will center around the selection of refrigeration valves. Richard Long our Refrigeration Chair has helped to set this program up.

During the January meeting a flyer was passed around for an upcoming seminar that Garrett Brown, P.E. will be conducting. The seminar will be on: Fundamentals of Air System Design. The seminar will be held on March 4th and March 6th. Texas Air Systems has graciously offered to have the training at their new facility located at 2951 Northern Cross Blvd in Fort Worth (817-838-7400). Lunch will be provided by Corporate Sponsors of the Chapter. For more details please visit the chapter website for registration instructions.

Don't forget to register for the Region VIII CRC held this year in Shreveport, LA on April 24th thru 26th.

I would like to remind every member to make sure you are current on your membership and your Fort Worth Chapter dues. We use your dues money to help support your chapter operations. If you would like to be a member, or know someone that “Should” be a member, please have them contact Garrett Brown, or go online www.ashrae.org and sign up.

Just a reminder of the chapter schedule:

- February 20, 2008 Chapter Meeting Carter*Burgess building 39th floor
- February 21, 2008 Take your History to the Fort Worth Library.
 - See Meeting minutes for further details
- March 4 & 6, 2008 Fundamentals of Air Side System presented by Garrett Brown, P.E. , with Summitt Consultants
 - All proceeds benefit ASHRAE Research

Please visit the Fort Worth Chapter website at <http://www.ashrae-ftw.org/> for a variety of useful information such as current and past newsletters, monthly meeting schedule and links to other chapters.

Respectfully,

Rick O'Connor
Chapter President

MONTHLY PROGRAM

Richard Watters, Program Chairman

Our speaker this month is Andy Heinze, sales engineer of the Sporlan Valve Division of Parker Hannifin Corporation in the metroplex area. Parker Hannifin Corporation is the world's leading diversified manufacturer of motion and control technologies, providing systematic, precision-engineered solutions for a wide variety of commercial, mobile, industrial and aerospace markets.

Mr. Heinze's presentation is titled, "Thermal Expansion Valve Theory".

Mr. Heinze graduated from the University of Missouri in Columbia with a Bachelor of Science in Mechanical Engineering. While attending the University of Missouri, he worked at a Mechanical Engineering Co-Op for Hubbell Power Systems.

MEETING MINUTES

Jay Martin, Chapter Secretary

Board of Governors

Attendees: Rick O'Connor, Jay Martin, Ian Bost, Sid Ellis, Cody Pace, W.O. Kelly, Don Hardin, Garrett Brown, Richard Long, Jay Sullivan, Dan Merkel, John Rhodes, and Tony Finch.

Meeting called to order at 10:40 a.m. by Rick O'Connor, Chapter President.

Reports:

- President-Elect (David James, NIA): No report.
- Secretary (Jay Martin): Roster to be published before next meeting. We have raised \$2,125. We will inquire with Carter & Burgess, Inc. to see if they will donate the cost of printing our limited number of hard copies.
- Treasurer (Ian Bost): Our current balance is \$15,608.78. We still owe John Rhodes \$2,975.55 for the Christmas party and we will cut a check for \$3,819.70 to ASHRAE Research for the Fall golf tournament.
- Board of Governors (Cody Pace): No report.
- Board of Governors (Sid Ellis): No report.
- Board of Governors (Les Brown, NIA): No report.

Committee Chairs:

- Membership Promotion (Garrett Brown): Cost of student materials for air-side fundamentals course is

\$49 + shipping. We will be charging \$125 per person for members and \$225 per person for non-members (fee includes membership in ASHRAE and Fort Worth Chapter). We will have the event at Texas Air's new conference center. It will be a 2 day session 3/4 and 3/6. Flyer is being handed out today. We will line-up specialty speakers to talk in addition to Garrett. The course will yield 15 PDH.

- Student Activities (Cody Pace on behalf of Tony Finch): We have been asked to participate in the "Future Cities" program again. Jay Martin motioned that we pledge \$100 to the program. This motion was seconded by Richard Long and it passed. It is also time to get our local scholarship program underway. Jay Martin motioned that we make \$1000 available for scholarships for our local student branch (UT Arlington). This money will be awarded to a maximum of 4 applicants. The motion was seconded by Cody Pace and it passed. Tony Finch and Cody Pace will solicit applications.
- Chapter Technology Transfer (Rick O'Connor on behalf of Richard Watters, NIA): ASHRAE live broadcast coming up on April 16. The Chapter will organize a common location to listen in. We can invite non-members to attend for a charge (to be determined at a later date) to raise more for research. We will have the new Cowboys Stadium tour in May.
- Research Promotion (Sid Ellis): No report.
- Refrigeration (Richard Long): Next month's program will be for refrigeration. The topic will be a general selection of refrigeration valves.
- Honors & Awards (Don Hardin): No report.
- Newsletter (David James, NIA): No report.
- Webmaster (John Rhodes): Many parts of the website do not contain anything. Please send information if it belongs up there.
- Historian (Dan Merkel): Drop off for filing chapter materials at the downtown Fort Worth library will be on 2/21 from 4p.m. to 7p.m.. Please deliver your materials to the back door off 2nd Street. Make sure you put your name and contact info on each box that you deliver so the librarian can contact you with inquires.
- Special Events (Jay Sullivan): No report.
- Special Events (W.O. Kelly): We will be able to target \$25/ticket for the holiday party at Joe T. Garcia's next year. W.O. Kelly motioned that we move the holiday party to take place in January next year. The motion was seconded by Jay Martin and it passed.

Old Business:

- Spring golf tournament is targeted for early April.

New Business:

- David James, Jay Martin, Ian Bost to attend as a minimum. Committee Chairmen are strongly encouraged to attend.
- A spring sporting clay tournament proposed. Alpine is the only practical location to hold the event. Gary Fields will look into organizing it.

President Rick O'Connor adjourned the meeting at 11:25 am.

Chapter MeetingBusiness Meeting Minutes:

Meeting Called to order at 11:56 pm by Rick O'Connor, Chapter President

- Rick O'Connor, Chapter President, presiding. Rick welcomed everyone with (44) members and (9) guests present.
- Ian Bost, Treasurer, introduced guests.
- Members did self introductions.

New Business:

- The meeting minutes were approved from last month by Garrett Brown and seconded by W.O. Kelly.
- Garret Brown promoted our March seminar: Fundamentals of Air-Side System Design. This course will be given in 2 full day sessions, the first session will be on Tuesday, March 4 and second session will be on Thursday March 6. They will be held at the Texas Air Training Facilities at 2951 Northern Cross Blvd in Fort Worth. The course will be taught from the ASHRAE Society provided curriculum which is a 14 chapter book (provided with participation). \$125 for members, \$225 non-members but includes membership. Please notify Garrett a week prior to the first session so that the materials can be ordered from society. There are opportunities for corporate sponsorships of the lunches on those days. Guest speakers will be invited to discuss test & balance, fan fundamentals and lessons learned.
- Dan Merkel is coordinating our efforts to file our Chapter records to the Fort Worth Public Library. Anyone who has historical records of the chapter are invited to drop these materials off at the Downtown library location on the Thursday following the February meeting. Details will be posted in the Therm and on our website (www.ashrae-ftw.org).

Technical Session Minutes:

Cullen Mann introduced our speaker:

Speaker: Mr. Dan Pollock

Program: Temperature and Humidity Control for Hospitals and Schools.

Synopsis:

Dan's presentation discussed strategies to control temperature and humidity efficiently in a number of different applications. He provided a discussion of the technologies available and application of this technology in the new ASHRAE headquarters building which is currently being constructed.

Rick O'Connor adjourned the meeting at 12:50 pm.

TREASURER'S REPORT

Ian Bost, Treasurer

Date of Meeting:	01/16/08
Members	44
Guests	9
Total:	53

Financial Data:

Starting Balance (12/27/07):	\$15,246.78
Deposits:	
December Luncheon	720.00
Christmas Party	65.00
Roster Sponsors	675.00
Subtotal:	<u>\$1,460.00</u>
Payments:	
Luncheon - 12/19/07	1098.00
Subtotal:	<u>\$ 1,098.00</u>
New Balance as of /25/2008	<u>\$15,608.78</u>

Hello everybody!

It is time to firm up your CRC plans. Register for the meeting and your hotel at

<https://xp20.ashrae.org/secure/CRCShreveport/CRCRegistration.htm>.

The Shreveport chapter is proud to host the Region VIII CRC this year. You'll notice that our theme is "Louisiana Lagniappe". Lagniappe means "a little something extra" and we are confident that we will deliver on that promise!

This year we are turning CRC upside down! We are modifying the schedule and our events in an effort to make this the best CRC you have attended in a long time. These are some of the changes we are making this year:

- We are having a ***world class technical seminar on Friday afternoon***, in lieu of two small tech sessions at different times during the CRC. In the words of Bill Harrison, "There hasn't been a tech seminar like this outside a Society meeting ever." This \$130 value is free with your registration to CRC.
- We are having our large evening social event on Thursday night instead of Friday night. ***Thursday night*** will be a ***Big Cajun Party*** at the Mardi Gras Museum complete with Mardi Gras floats, a great band, entertainers, crawfish, beads, dancing, and beverages.
- We are giving you an opportunity to hit the town on Friday night and experience the local flavor. We will be your concierge for the night. Try our five casinos, top notch restaurants, and Shreveport night life.
- Plenty of things to do for companions. Plantation tours, shopping, real Cajun shops and food, casinos, etc. You will have a good time. I guarantee it!
- Golf and skeet tourneys that are local as well as regional.

Again, make sure and register now at <https://xp20.ashrae.org/secure/CRCShreveport/CRCRegistration.htm>. You can register for the CRC and reserve your hotel rooms all from this link. We are having the meeting at the Shreveport Convention Center, which is attached to the Hilton Hotel. Your other hotel option is Sam's Town Casino & Hotel. Sam's Town is two blocks from the Hilton/Convention Center.

See you in Shreveport!

Kurt Lyles

Region VIII CRC General Chair Tel. 318-550-0525
1526 W. Dalzell Street Fax. 318-550-0526
Shreveport, LA 71108 Mobile. 318-453-7878

kyles@mechanicalconceptsllc.com

NOTE: I have attached a copy of the schedule of events. Please look it over as things are a little different than years past. Also, I attached a copy of the flyer for the technical seminar entitled, **"The March to Net Zero Energy Buildings"** we are having at CRC. Again, we have a world class line up of speakers. This is a once in a lifetime opportunity. Please print the seminar flyer and pass it around. Non ASHRAE members need to come to the seminar as well. Note that your registration for CRC covers your registration for the technical seminar. Last, [send this email to all of your people](#). Everybody needs to sign up and attend the CRC.



ASHRAE - Region VIII CRC 2008

Shreveport, Louisiana

April 24- 26, 2008



Wednesday, April 23 rd , 2008	
Registration & Check-In -	4 PM – 8 PM
Thursday, April 24 th , 2008	
Registration & Check-In -	Noon – 5 PM
Hospitality Suite	Noon – 5 PM
Golf	8 AM at Oldie Oaks Golf Course, Bossier City
Skeet	10 AM at Shreveport Gun Club
CRC Caucus Orientation:	4 PM - 5 PM
Leave for the welcome party	
Welcome Party (<i>don't miss it!!</i>)	6 PM until ...
Friday, April 25, 2008	
Concurrent Morning Events	
Registration & Check-In -	7 AM-3 PM
Hospitality Room -	8 AM- 9:30 AM, 2 PM – 5 PM
Companion Events	9:30 AM – 4 PM (Plantation Tours, Lunch, and Shopping)
Caucus Breakfast	7 AM – 7:45 AM
CRC Business Session	8 AM – 11:45 AM
President's Luncheon	12 Noon – 1:45 PM
Technical Seminar	2 PM – 5 PM (The March Towards Net Zero Energy Buildings)
Golden Gavel, Newsletter Judging	2PM – 5 PM
Cocktail Hour	5:30 PM – 6:30 PM
Hit the Town ...	6:30 PM until
Saturday, April 26 th , 2008	
Registration	8 AM- 11 AM
Hospitality Suite	9 AM – Noon
Workshops	8 AM – 9:45 AM Chapter Officers, Research, Membership, Web, Historians 10 AM – 11:45 AM Newsletter, CTTC, Student Activities, Refrigeration
Awards Luncheon	12 Noon – 1:45 PM
Reconvene CRC Business Session	2 PM

Louisiana Lagniappe

Region VIII CRC 2008 Shreveport, LA

TECHNICAL SEMINAR – 2 – 5 PM April 25th, 2008

Topic: The March to Net Zero Energy Buildings

4 hours of professional development hours

Cost: \$130.00 includes admission to the President's Luncheon at 12 noon (3 PDH hours available to attendees)
Admission is included if you have registered for the CRC

Overview

To reduce the building design industry's impact on the environment, key leaders from the building design community are collaborating to establish carbon-neutral buildings by the year 2030.

The American Institute of Architects (AIA), the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Architecture 2030, the Illuminating Engineering Society of North America (IESNA), and the U.S. Green Building Council, supported by representatives of the U.S. Department of Energy, are working together towards the goal of net zero energy buildings.

Don't miss this opportunity to listen to the world's leaders in the drive to net zero energy buildings!!!

Speakers:

Kent Peterson, P.E., Fellow ASHRAE 2007-08, President

Kent W. Peterson, P.E., Fellow ASHRAE, is vice president and chief engineer of P2S Engineering Inc., Long Beach, California.

As ASHRAE's president, Mr. Peterson directs the Society's Board of Directors and oversees the Executive Committee. Through his theme, Greater Efficiency Today, Blue Skies Tomorrow, Mr. Peterson emphasizes innovation in the quest for sustainability in the built environment. He notes that "energy efficiency should always be the elegant alternative to fuel consumption." As such, he encourages ASHRAE members to become more radical in their ideas, more daring in their creativity, and dedicated to delivering innovative systems, methods and technology.

Mr. Peterson has served on the Board as president-elect, treasurer, vice president, and Region X director and regional chair. Past service includes chair of Technology Council, Members Council, the Advocacy Committee, the President-Elect Advisory Committee the ASHRAE Learning Institute Board of Trustees, the Finance Committee, the Planning Committee, the Region-at-Large Transition Committee and the Student Activities Committee.

Mr. Peterson was president of the Orange Empire Chapter. He is a recipient of the Exceptional Service Award and the Distinguished Service Award.

He was awarded a bachelor of science in mechanical engineering from California State University at Long Beach. Mr. Peterson resides in Cypress, California, with his wife, Carolyn, and three sons.

Please see the website for a "SPECIAL NOTE" regarding the passing of Jack Roberts, former DRC – Region VIII.

If you have any questions or comments please contact any of the chapter officers or committee members.

Chapter Officers – 2007—2008

President	Rick O'Connor	972-789-3420	rick.o'connor@carrier.utc.com
President-Elect	David James	817-921-5434	djames@haroldjames.com
Secretary	Jay W. Martin	817-735-6756	Jay.martin@c-b.com
Treasurer	Ian Bost	817-338-1277	ibost@bhbinc.com

Board of Governors

Cody Pace		817-336-0543	cody.pace@mail.ashrae.org
Les Brown		817-338-1277	lbrown@bhbinc.com
Sid Ellis		972-206-2590	sellis@enviromaticsystems.com

Committee Chairs

Attendance	Rick O'Connor	972-789-3420	rick.o'connor@carrier.utc.com
Student Activities	Tony Finch	817-281-6165	tonyf@texasairsystems.com
CTTC	Richard Watters	817-338-1277	rwatters@bhbinc.com
Historian	Dan Merkel	817-838-4307	dan.merkel@carrier.utc.com
Membership	Garrett Brown	817-878-4242	gsb@summitmep.com
Research Promotion	Sid Ellis	817-206-2590	sellis@enviromaticsystems.com
Newsletter Editor	David James	817-921-5434	djames@haroldjames.com
Refrigeration	Richard Long	817-878-4242	rjdklong@juno.com
Honors and Awards	Don Hardin	817-292-6904	dchardin@swbell.net
Webmaster	John Rhodes	682-687-7655	jrhodes@aisd.net



David James
3240 Bryan Avenue
Fort Worth, Texas 76110