

The THERM

Fort Worth Chapter of ASHRAE Newsletter

www.ashrae-ftw.org

November 2005

Volume XLVIII, Issue 4

Chapter Meeting

Wednesday

November 16, 2005

Petroleum Club

BOG 10:45 A.M.
Lunch 11:30 P.M.
Meeting.... 12:00 P.M.

“Congratulations are in order for some of our members. Richard Skipper and Nabeel Mahmood achieved Life Member status. John Higgins, Jr. will receive his Fifty-Year Member certificate”

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President's Message



Greetings everyone!

I enjoyed seeing everyone again at the October meeting. For those of you who were not able to attend, Mr. Ed Temos gave an excellent presentation on the Utilization of Centrifugal Chillers as Heat Pumps. I personally found it to be very informative. I hope everyone who

attended the meeting learned something from it. This month's speaker will be Chuck Phillips. His topic will be Psychrometric Fundamentals and I'm sure it will be very informative. Congratulations are in order for some of our members. Richard Skipper and Nabeel Mahmood achieved Life Member status. John Higgins, Jr. will receive his Fifty-Year Member certificate. I will contact each of them personally this month and hopefully present them with their certificates at this month's meeting. Mark your calendars now. The Petroleum Club is booked in January on our meeting date so we will hold January's meeting in a conference room in Carter & Burgess's office. My thanks to Carter & Burgess for providing a room for that month's meeting. Rick O'Connor and Cody Pace are hard at work putting together this year's roster. We hope to distribute it in early November. As announced in the October meeting, the roster will be sent out electronically this year so be looking for it in your emails. Thanks to Rick and Cody for all of their hard work. It takes quite a bit of time and effort to put

October Program Speaker: Mr. Chuck Phillips, Carrier North Texas

“Basics of Psychrometrics”

Chuck is a 1964 Mechanical Engineering graduate of Clarkson University and has been our industry ever since. An ASHRAE member since 1965 and a member of the Fort Worth Chapter since 1974, Chuck has worked with several major manufacturers of air handling, heating and cooling equipment. He has taught many of the “Basics” courses to the engineering community in the Metroplex over the past 35+ years, and is especially fond of talking about Psychrometrics – an area that many of us tend to overlook until our systems don't function as intended.





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the roster together each year. Tickets for the upcoming Christmas Party are now available. The party will be held in the Petroleum Club on the 40th floor from 6:30 to 11:30. There will be dinner, fellowship, cash bar and live music in

the lounge. See any of the chapter officers or board of governors for tickets.

Everyone is encouraged to 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.

Sincerely,
John Maryak
Chapter President

Board of Governors Meeting Minutes

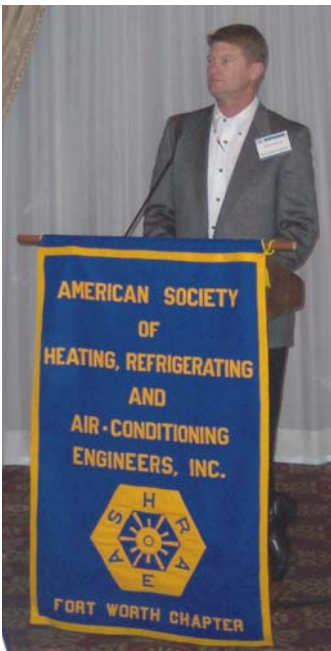
October 19, 2005

Need to get reports in to Sid Ellis before end of the month. The Therm has to be sent to John Rhodes by the end of the month to allow enough time to get sent out to everyone.

BOG Reports:

Attendees: John Maryak, Sid Ellis, David James, Cody W. Pace, D.W. Gipson, W.O. Kelly, Jay Martin, Tony Finch, Don Hardin, John Rhodes, and Rick O'Connor

- Reports:
 - President-Elect: Sid Ellis wants all reports to him by end of each month. No new report.
 - Got a check from David James for \$240. This is for New ASHRAE banner. Needed more room for awards.
 - Sid will find someone to sew on patches.
 - Secretary: No Report
 - Set up time to meet with Cody on Roster. Tentatively set up for 10-26-05.
 - Treasurer: No report
 - Current balance is \$3,505.18 as of 10-19-05.
 - Board of Governors:
 - Christmas Party Dec 3, 2005. Drink Tickets will be sold on site. Party will start at 6:30 with Dinner at 7pm. Steak and Lobster!!
 - Tickets will be sold up until the event and at the door.
 - Committee Chairs:
 - Membership Promotion: No Report
 - Student Activities: No Report
 - Chapter Technology Transfer:
 1. List of topics has been published.
 2. May we will have a distinguished lecturer.
 3. Jay will be logging into website set up for CTTC to log events and awards.
 - Research Promotion:
 1. Sporting Clays has been postponed
 2. Full Circle is complete and collected.
 - Refrigeration: No Report
 - Honors and Awards: No report
 - Newsletter: No report



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- Webmaster: No report
- Historian: No report

Old Business:

Nothing new to report.



Chapter Meeting Minutes

October 19, 2005

Meeting called to order at 12:05pm

- John Maryak, chapter President presiding. John welcomed everyone with 50 members and 3 guests.
- The meeting minutes were approved from last month.
- David James introduced guests
- Members did self-introduction.
- Jay Martin introduced our guest speaker.
- The program was presented by Mr. Ed Temos, York International
 - Mr. Temos presented the "Utilization of Centrifugal chillers as heat Pumps. The chapter was introduced to a different way of providing high head applications. This is known as a compound system by having the compressors in series. Strong preference for 134a refrigerants since R22 will be banned after 2010. Cost effective and smaller in size. Allows for economizer option. Reduces KW by 10-12%. Excellent means of heat recovery to supplement hot water systems.

Announcements:

- Sporting Clays has been postponed till spring
- Roster will be sent out electronically. Print copies will be in short supply but available
- Christmas Party will be Dec 3rd on 40th floor. Cash Bar with live band in the lounge for dancing after the dinner. Looking for a good turn out. See W.O. Kelly for ticket information.

Old Business:

Please turn in any last minute roster changes to any BOG member

New Business:

The January meeting will be held at a different location. The BOG will let membership know where the alternate location will be in the Therm.

Meeting adjourned 1:10pm



Announcements

We have several of our own members that will be one year older during the month of September. Give them a call and wish them a happy birthday.

Month	Day	Name
11	1	Chris Van Rite
11	2	Kevin Fox
11	3	David Graham
11	4	Alfred Leidner
11	5	Omer Farouq
11	5	Donald Kovatch
11	5	Mark Harris
11	6	Donald Decker
11	6	James Hall
11	7	Brian Abel
11	9	Judson Clark
11	10	Jerry Webb
11	10	Kendall Harris
11	11	Tim Rawson
11	13	Robert Howell
11	15	Ian Bost
11	15	Aris Freeman
11	16	Thomas Romine
11	17	Stephen Bidy
11	17	Vijay Chavhan
11	18	Harry Traulsen
11	18	Travis Blair
11	18	Bruce Bonham
11	18	Rusty Hodapp
11	18	Josh Schmidt
11	19	James Quick
11	19	Jim Bob Salter
11	20	Zahid Ayub
11	21	D McFarlin
11	21	Jefferson Hammond
11	22	Bill Hulsey
11	23	Fred Rehfield
11	23	Paul Hood
11	24	Paul Schwartz
11	24	Garrett Brown
11	26	Manu Patel
11	29	Aldo Brazzale
11	29	Jeff Smith
11	29	David Graves

Treasurer's Report

David James



Meeting Information:

Date of Meeting: 10/19/2005

Members 50

Guests 3

Total: 53

Financial Data:

Starting Balance: \$ 3,760.93

Deposits:

Luncheon Receipts \$ 1,155.00

interest on Checking \$ 0.25

Subtotal \$ 1,155.25

Payments:

Petroleum Club Luncheon \$ 964.51

Parking \$ 56.50

ASHRAE (Student Member) \$ 16.00

Southern Tailors (Banners) \$ 240.00

Subtotal \$ 1,277.01

New Balance as of 10/19/05 \$ 3,639.17

Programs Committee

Jay Martin

Our November program presents an overview on the basics of Psychrometrics, integral to all of us who deal with the heating, cooling, humidifying and de-humidifying air. A brief Q & A period will follow.

Editor's Note

Sid Ellis

If anyone in the Chapter has information which they would like to have included in the Therm, please contact me at (972)206-2590 or email me at sellis@enviromaticsystems.com. The information should pertain to the Chapter, its members, Region VIII or Society.

RSVP for this month's Chapter meeting at johnm@texasairsystems.com

Student Activities

Tony Finch

The UTA ASHRAE Design Competition Team is working on load analysis, zoning, and system energy analysis for the Dallas Power & Light Building. Cody Pace with Friberg & Associates met with the team on several occasions to tutor on load analysis, zoning considerations and understanding ASHREA standards. Tony Finch with Texas Air Systems met with the team to tutor on equipment applications and the use of energy analysis software. The team attended the October chapter meeting and is making great strides on their project. Two new student members have joined our Fort Worth Chapter from the design competition team, Vijay Chauhan and Chris Wong.



Chapter Officers

President	John Maryak	(817) 281-6165	johnm@texasairsystems.com
President-Elect	Sid Ellis	(972) 206-2590	sellis@enviromaticsystems.com
Secretary	Rick O'Connor	(972) 323-5322	rick.o'connor@tac.com
Treasurer	David James	(817) 921-5434	djames@haroldjames.com

BOARD OF GOVERNORS

W.O. Kelly	(817) 714-0504	wok59ag@aol.com
Dee Gipson	(817) 441-9942	d.gipson@sbcglobe.net
Cody Pace	(817) 336-0543	cody.pace@mail.ashrae.org

COMMITTEE CHAIRS

Attendance	John Maryak	(817) 281-6165	johnm@texasairsystems.com
Student Activities	Tony Finch	(817) 281-6165	tonyf@texasairsystems.com
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Webmaster	John Rhodes	(817) 336-0543	jrhodes@fribergassociates.com

Got questions?

Your Chapter Officers are available to help you.



ASHRAE News

Study Says Green Building Is Good for Business

COVENTRY, United Kingdom— There is a link between the market value of commercial property and its environmental friendliness, according to a recent study of buildings in North America and the U.K. The study by the Royal Institution of Chartered Surveyors (RICS) found that green buildings earn higher rents and sale prices, attract tenants and buyers more quickly than traditional buildings, and keep tenants longer. Green buildings also cost less to operate and maintain.

Source of South Dakota Legionnaires 'disease Outbreak Found

RAPID CITY, S.D.— An ornamental fountain in a restaurant waiting area has been identified as the source of an outbreak of Legionnaires' disease in Rapid City, South Dakota, according to state health officials. There have been around 15 cases of Legionnaires' disease with one death since the outbreak started earlier this year.



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of ASHRAE**

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November 16, 2005

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Dinner.. 12:00 P.M.

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777 Main St.
Fort Worth, TX 76102
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enviromaticsystems.com

We're on the Web!

See us at:

www.ashrae-ftw.org



2005-2006 First Meeting
Petroleum Club 39th Floor
Wednesday November 16, 2005
10:45 A.M. BOG
11:30 A.M. Lunch
12:00 P.M. Meeting

This month's chapter meeting "Basics of Psychrometrics"

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