

# SOU'WESTER

THE NEWSLETTER OF THE CENTRAL OKLAHOMA ASHRAE CHAPTER



VOLUME 70, NUMBER 2

[www.ashraecok.org](http://www.ashraecok.org)

NOVEMBER 2009

## UPCOMING MEETING

**Wednesday, November 11th**

**11:30 AM**

**The Centre**

4325 NW 50th Street

Program Topic: High Efficiency  
Condensing Boilers

## UPCOMING EVENT

**ASHRAE 62 Course**

**Wednesday, November 18th**

**11:30 AM**

**Sportsman's Club**

4001 NW 39th Street

Course is Free and  
Lunch is Provided

**Check out the New**

**Central Oklahoma Website**

**[www.ashraecok.org](http://www.ashraecok.org)**

## President's Message

From Pete Ray



There are many benefits to volunteering to serve your local chapter. One of the hidden benefits is getting to know people from a different perspective and work with great dedicated people that serve as Committee Chairs, Officers, Board of Governors and a core group that is devoted to serving ASHRAE. I am thankful to have this opportunity to work with these people.

We have had two very good meetings already. At the first meeting Brad Bradshaw with TME gave an excellent presentation on Heat Pump Chillers. Ken Fulk presented the main program on our favorite subject ASHRAE.

We had a special meeting on Thursday the 29<sup>th</sup> with special guest Gordon Holness, Society President. His presidential theme, *Sustaining Our Future by Rebuilding Our Past*, addresses energy efficiency in existing buildings. "The vast majority of buildings that will exist in the year 2030 exist today," Holness said. "If we are to have a material impact on overall energy use, it is through renovation of existing building stock. While existing buildings present great challenges, they offer us a greater opportunity to significantly impact our overall national energy demand, reduce our dependence upon imported oil and gas and minimize our carbon footprint. If ASHRAE is looking to build a sustainable future, we can set the foundations of that right now."

We have some excellent meetings coming up please plan to attend and support your chapter.

Thank you

Peter Ray

ASHRAE Central Oklahoma Chapter President 2009-2010

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**Next Meeting: Wednesday, November 11**

## November 11th Program Preview

### Condensing Boilers and Water Heaters for Green Buildings

by Jeff Deal, CEO with Hamilton Engineering Inc.

#### **About the Program:**

Topics will include...

1. The logic of a Hybrid heating system, using condensing equipment as the primary heat source and existing or new lower efficiency as the backup/maximum load assistant.
2. Existing heat distribution designs and the application of outdoor reset and lower water temperatures on all but design days. New heating distribution designs using higher  $\Delta T$ 's and overall lower water temps to take advantage of condensing technology.
3. Cost differences between traditional, mid and high efficiency equipment, the various levels of efficiencies in the high efficiency category and what real payback terms would be for the various upgrades.

#### **About Jeff Deal:**

Jeff Deal is CEO of Hamilton Engineering, Inc., of Livonia, Michigan, manufacturer of high efficiency water heating and hydronic heating products and systems. Prior to starting Hamilton in 1981, his work was in the field of engineering heat recovery products and systems for process and commercial heating equipment exhaust stacks in a non-condensing mode.

Throughout the 1980's and early 1990's most of his engineering work was done in the field application of fan assisted combustion on copper finned appliances in the 85 – 88% efficiency range (so called near-condensing at that time). The industry was learning much about actual combustion exhaust dew points and effects of fans on the gas delivery and regulation systems during that period.

In 1995 he began working to apply condensing combustion to products for the North American market. Finding over 20 years of application and production in the European community already in existence, he has spent considerable time since then being educated by and working side by side with the founding fathers of those products, components and technology. In 2001, Hamilton Engineering introduced its first (intentionally) condensing product to the North American market.

## November 18th ASRAE Standard 62 Course

Come learn how to apply and meet the requirements of ASHRAE Standard 62. The course is free and lunch will be provided. Professional development hours will be given for the course.

#### About the Presenter

Len Damiano is Vice President - Marketing and International Sales at EBTRON, Inc. where he has been employed for about 18 years. He received an M. B. A. with concentrations in Management and Industrial Marketing in 1985 at Rockhurst University in Kansas City; and possesses a B. A. with a double major in Sociology and Economics from the University of Missouri. During the past 30 years, Len has been employed in the HVAC industry by air control and air movement product manufacturers, in a variety of senior management positions, with North American companies, like: EBTRON, Inc., The NEW YORK BLOWER COMPANY, CESCO Products, PENN VENTILATOR, Airstream Division, RUSKIN Div., Tomkins Industries.

Len has been a Member of **ASHRAE** since 1987. He is active with and currently a member of 7 Technical and Stand-



# Special Meeting with ASHRAE Society President

On October 29, ASHRAE Society President, Gordon Holness, P.E. visited the chapter and discussed his presidential theme, *Sustaining Our Future by Rebuilding Our Past*, addresses energy efficiency in existing buildings. "The vast majority of buildings that will exist in the year 2030 exist today," Holness said. "If we are to have a material impact on overall energy use, it is through renovation of existing building stock. While existing buildings present great challenges, they offer us a greater opportunity to significantly impact our overall national energy demand, reduce our dependence upon imported oil and gas and minimize our carbon footprint. If ASHRAE is looking to build a sustainable future, we can set the foundations of that right now."



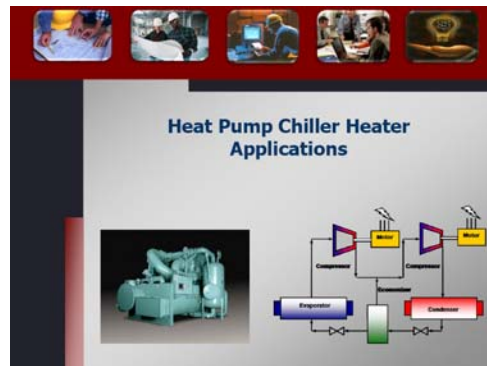
Above: ASHRAE President Gordon Holness addressing the chapter.  
Below: Grant and Bruce are happy that parking was "FREE"

Below: Central Oklahoma Chapter Members welcoming President Holness



## September Meeting Recap

During our September chapter meeting Region VII Director Ken Fulk spoke to the chapter about ASHRAE's strategic plan and some of the new benefits that ASHRAE has for members. The technical program topic was on the application of heat pump chillers. If you could not make the meeting the presentations will be made available on the chapter website [www.ashraecok.org](http://www.ashraecok.org).





## Two Past Presidents Left Us This Last Month

By: Alan Loeffler - Chapter Historian

Two past presidents, two cousins, two 90+ year olds died since we met in our first October chapter meeting. Louis Loeffler, Jr., chapter president 1966-67 died October 26 at the age of 97. He had been most recently honored as our society's "oldest active member" two years ago while being 95 at the time and still coming to chapter meetings. Having retired from a long career of over 65 years as a sales engineer and executive at Federal Corporation, he was living with his wife Dorris with whom he had spent 70 years of marriage, shy only three weeks. Louis was known as a stickler for "getting all the details right" in his work and his service. One contribution to our local chapter meetings Louis started while president was initiating the tradition of starting each meeting with a prayer or devotional thought. (His obituary can be viewed at [www.legacy.com/obituaries/oklahoman/obituary.aspx?n=louis-loeffler&pid=135106942](http://www.legacy.com/obituaries/oklahoman/obituary.aspx?n=louis-loeffler&pid=135106942) ).



Above: Louis Loeffler being honored by Chapter President Harry Rountree at a 2007 chapter meeting for receiving ASHRAE's honor of being "Oldest active member in Society"

Frank X. Loeffler, Jr., age 90, died Sunday, November 8, just three weeks after his older cousin, Louis. Frank's service to the chapter was featured in our most recent October 2009 Sou'Wester issue, which can be viewed on our chapter web site ( [www.ashraecok.org](http://www.ashraecok.org) ). It was Frank's dad, Frank X Loeffler, Sr., who established our chapter in 1935.

Louis and Frank saw each other a few weeks ago for the last time at Frank's residence at the Sterling House on NW 122<sup>nd</sup> Street here in OKC. A picture was taken with a phone camera. They will both be missed by their families, friends and our HVAC industry.



Above: Frank and Louis Loeffler, Oct. 4, 2009



# Central Oklahoma Chapter ASHRAE

## Board of Governors Minutes October 26, 2009

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The Board of Governors for the Central Oklahoma Chapter of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. convened its regular meeting on Monday, October 26, 2009 at Hometown Buffet, 3900 NW 63rd Street, Oklahoma City, Oklahoma.

President Pete Ray called the meeting to order at 12:15 pm and welcomed attendees.

### Attendance:

Pete Ray; President	Bryan Garcia, Secretary	Brad Bradshaw
Shaun Sexton, Treasurer	Aruna Abhayagoonawardana	Tim Jones
Bob Carson	Trapper Wilson	Jim Irwin
Dusty Stoabs	Jason Keyes	

President Pete Ray proceeded to discuss the published agenda items.

### New Business

Gordon Holmes, Society President, visit to Oklahoma City was discussed. This meeting will be held at the Bricktown Brewery and the Chapter will help with the cost of this meeting. Including parking in the offering was included in the cost.

President Elect Teleconference will take place and Alejandro and Bryan will take part in this

Full Circle requirements for Research Promotion was discussed and asked for permission.

Membership – Tim Jones, will be getting list of members who have paid for local dues and who has not paid.

Golf Tournament – Bob Carson, still collecting money. Trying to get it finished up.

President Pete Ray adjourned the meeting at 1:07 pm. Next Board of Governor's Meeting will be Monday, November 30, 2009 at Noon at the Hometown Buffet, 3900 NW 63rd Street, Oklahoma City, Oklahoma.

Respectfully Submitted,

Bryan Garcia, Secretary





# Central Oklahoma Chapter ASHRAE Treasurer's Report

## Central Oklahoma ASHRAE Balance Sheet

As of 10/26/2009

Account	Total
<b>Assets</b>	
<b>Bank and Cash Accounts</b>	
Bank of the West CD01	0.00
Bank of the West CD02	0.00
Checking-BOK	17,247.17
Petty Cash Meeting Meal Change	0.00
Undeposited Funds	0.00
Total Bank and Cash Accounts	17,247.17
<b>Other Assets</b>	
Accounts Receivable - old	0.00
Total Other Assets	0.00
<b>Account Receivable</b>	
Accounts Receivable	0.00
Total Account Receivable	0.00
<b>Investment Accounts</b>	
Bank of Oklahoma CD03	4,207.31
Bank of Oklahoma CD03 (Cash)	0.00
Total Investment Accounts	4,207.31
<b>Total Assets</b>	<b>21,454.48</b>
<b>Liabilities</b>	
<b>Other Liabilities</b>	
Prepaid Meals	0.00
Total Other Liabilities	0.00
<b>Tax Liabilities</b>	
Sales Tax	0.00
Total Tax Liabilities	0.00
<b>Total Liabilities</b>	<b>0.00</b>
<b>Net Worth</b>	<b>21,454.48</b>

## Central Oklahoma ASHRAE Inflows/Outflows

9/23/2009 through 10/26/2009

Subcategory	Total
<b>Inflows</b>	
Golf Tournament 2009	5,300.00
Interest Income	0.48
Membership Dues	
From Society	1,160.00
Total Membership Dues	1,160.00
Receipts, Chapter Meals	
Oct 09	738.00
Total Receipts, Chapter Meals	738.00
<b>Total Inflows</b>	<b>7,198.48</b>
<b>Outflows</b>	
Chapter Meals/Meeting Exp	
Oct 09	887.00
Total Chapter Meals/Meeting Exp	887.00
Special Event Expenses	
Fall Golf 09	950.00
Total Special Event Expenses	950.00
<b>Total Outflows</b>	<b>1,837.00</b>
<b>Income less Expenses</b>	<b>5,361.48</b>

# CENTRAL OKLAHOMA CHAPTER MEETING SCHEDULE

CHAPTER MEETINGS 2009-2010			
Date	Time	Location	Program Topic
Wednesday, October 14, 2009	11:00	The Centre	Heat Pump Chillers
Thursday, October 29, 2009	12:00	Bricktown Brewery	President Gordon Holness
Wednesday, November 11, 2009	11:30	The Centre	Condensing Boilers and Condensing Water Heaters for Green Buildings
Wednesday, November 18, 2009	11:30	Sportsman's Club	ASHRAE Standard 62 – 3 Hour Course
Wednesday, December 09, 2009	11:30	The Centre	Energy Efficient Dehumidification
Wednesday, January 13, 2010	11:30	The Centre	Refrigerant Update – Phase Outs and Clarifications
Wednesday, February 10, 2010	11:30	The Centre	Distinguished Lecturer Robert Baker
Wednesday, March 10, 2010	11:30	The Centre	Modular Chiller Technology for Critical Loads
Wednesday, April 14, 2010	11:30	The Centre	VFD's – Proper Sizing, Design, and What's New
Wednesday, May 12, 2010	TBD	TBD	TBD

BOARD OF GOVERNORS MEETINGS 2009-2010		
Date	Time	Location
Monday, October 26, 2009	Noon	Hometown Buffet
Monday, November 30, 2009	Noon	Hometown Buffet
Monday, December 21, 2009	Noon	Hometown Buffet
Monday, January 25, 2010	Noon	Hometown Buffet
Monday, February 22, 2010	Noon	Hometown Buffet
Monday, March 29, 2010	Noon	Hometown Buffet
Monday, April 26, 2010	Noon	Hometown Buffet
Monday, May 31, 2010	Noon	Hometown Buffet

Chapter Officers	
President	Pete Ray
President Elect	Alejandro Garcia
Secretary	Brian Garcia
Treasurer	Shaun Sexton
Board of Governors	
Grant Flurry	
Mark Furgason	
Jason Keyes	
Jim Irwin	
Joe Sanders	
Trapper Wilson	
Tim Jones	
Fred Erdman	

Committee Chairs	
Attendance	Jenny Haltom
Government Affairs	TBD
Historian	Alan Loeffler
Membership	Pete Ray
Devotional	Alan Loeffler
Refrigeration	Jim Stengle
Research Promotion	Bob Vermillion
Roster	Dusty Stoabs
Student Activities	Aruna Abhayagoonawardhana
Scholarship	Harry Rountree
Publicity	TBD
Sou'Wester	Brad Bradshaw
Special Events	Bob Carson
Webmaster	Mark Furgason
Technology Transfer	Joe Sanders

## SOU'WESTER

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Are you on our email list?  
 Comments?, Suggestions?  
 Articles ?  
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