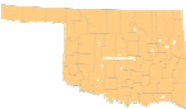




Official Newsletter of  
the  
Central Oklahoma  
Chapter of the  
ASHRAE, Inc.



Volume 69, Number 5

<http://ashraecok.org>

December 2008

**DECEMBER MEETING:**

**Wednesday, December 10th**  
**The Centre**  
4325 NW 50th

**Tech Session 11:00**

**Lunch/Program 12:00**

**Humidification Absorption: And**  
**How It Really Works To Maintain**  
**Health IAQ**

by Greg Wickline

**Regular Chapter Meeting**

*Turn to page 2 for a preview of our  
December Technical Session*



**President's Message**

By Grant Flurry

Greetings to you all & I hope everyone got their fill of turkey for Thanksgiving. We had a great meeting in November with ASHRAE Fellow & past Society President Bill Coad giving our keynote address. We've got a couple of great speakers lined up for our December meeting. Toni Rossi, product manager for Greenheck lab exhaust, will be presenting our tech session. For our program, Greg Wickline of Wickline Sales, is going to give a presentation on moisture problems in supply ductwork. Additionally, Ken Fulk, our Regional Vice Chair, will be here to give us a short recap of regional & societal activities.

We continue to work on our new website and roster. I will be sending out a broadcast e-mail soon. Our online roster is operational. Dusty Stoabs & Art Murnan have spent a lot of time getting this new site up & running. I believe its going to be a great benefit to our chapter. Be watching for my announcement soon!!

Pete Ray is serving at this year's Refrigeration Chair. We are looking for a couple of new places to conduct tours. If you've been involved with an interesting refrigeration or low temp project, please let Pete know. We'd like to share your experience with the Chapter.

In addition to our upcoming meeting next week, please mark your calendars for our January 14 meeting. Society President Bill Harrison will be here for our meeting. Depending on Bill's schedule, we may hold an evening meeting. Be watching for upcoming announcements.

Have a wonderful Christmas & New Year!!

I look forward to seeing everyone at our December 10 chapter meeting.

**Upcoming Events**

- December 10th Chapter Meeting 11:00 am
- January 5th BOG Meeting ..... 12:00 pm
- January 14th Chapter Meeting..... TBA  
(Bill Harrison—ASHRAE President)
- January 26th to 28th National ASHRAE Meeting & AHR Expo.....Chicago

**What's Inside**

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**Next Meeting: Wednesday, December 10**

## Technical Session Preview

The topic of the December Technical Session will be: High Plume Laboratory Exhaust Systems by Tony Rossi with the Greenheck Fan Corporation.

Tony is the Director of Laboratory Exhaust Systems at Greenheck and has extensive experience in the application of high plume fan exhaust systems. He will discuss the objectives of a laboratory exhaust system, the various laboratory ventilation standards, different methods system designs such as Individual Stack, Manifold Exhaust, Constant Volume and Variable Air Volume. He will also discuss Plume Rise and why it is important to a design Engineer along with the design and installation advantages of a “system approach”. Finally he will touch on the AMCA Standard 211 and the benefits that it bring for to a project.

## Program Preview

The topic of the December Program will be: Humidification Absorption: And How It Really Works To Maintain Health IAQ by Greg Wickline with Wickline Sales Company.

Greg is the Manufacturers Representative for the Dri-Steam Humidifier Company and has extensive experience in applying humidification equipment with local projects in our area with projects across the country through OEM custom air handler manufacturers. Greg will show us the various ways to introduce humidity in a duct system or Air Handlers starting with steam jacketed injection type to the latest manifold grid types. As the technology changes the Engineer can determine if “standard absorption” will be satisfactory or if “quicker absorption” will be satisfactory or if the “best absorption” will be necessary to prevent water from collecting in the Supply Air ductwork or Air Handler which can cause IAQ concerns in the duct always seems to turn into a problem in the room that is below the ductwork.

### Central Oklahoma ASHRAE Technical Sessions/Programs 2008-2009

MEETING DATE	TECHNICAL SESSION	PROGRAM
13-Aug-07	Steam Traps - What are they, How do they work	Improving Boiler Room Efficiency
22-Sep-07	Golf Tournament	Golf Tournament
8-Oct-07	Variable Refrigerant Flow Systems	Mini-Split Applications
12-Nov-07	Ethics and Economics of Energy Conservation	Ethics and Economics of Energy Conservation cont...
10-Dec-07	High Plume Lab Exhaust Systems	Humidification Absorption
14-Jan-08	Variable Refrigerant Flow Compressors in Packaged Equipment	Society President Bill Harrison
11-Feb-08	Fire and Smoke Dampers	Chapter 7 in the IBC - Fire Resistance Rated Construction.
11-Mar-08	ASHRAE Standard 62.1 - an in depth examination	ASHRAE 62.1 continued
8-Apr-08	Student Papers	TBA
13-May-08	Active Outside Air Measurement	Election of New Officers and Awards

11/3/2008

CENTRAL OKLAHOMA CHAPTER - TREASURER'S REPORT - INFLOWS/OUTFLOWS

9/29/2008 through 10/27/2008

Subcategory	Total
<u>Inflows</u>	
Golf Tournament 2008	3,100.00
Interest Income	0.34
Membership Dues	
From Society	120.00
Total Membership Dues	120.00
Receipts, Chapter Meals	
Oct 08	760.00
Total Receipts, Chapter Meals	760.00
Total Inflows	3,980.34
<u>Outflows</u>	
Chapter Meals/Meeting Exp	
Oct 08	937.00
Total Chapter Meals/Meeting Exp	937.00
Special Event Expenses	
Fall Golf 08	3,357.39
Total Special Event Expenses	3,357.39
Total Outflows	4,294.39
Income less Expenses	(314.05)

## CENTRAL OKLAHOMA CHAPTER ASHRAE BALANCE SHEET

As of 10/27/2008

Account	Total
<b>Assets</b>	
Bank and Cash Accounts	
Bank of the West CD01	0.00
Bank of the West CD02	0.00
Checking-BOK	14,475.93
Petty Cash Meeting Meal Change	0.00
Undeposited Funds	0.00
Total Bank and Cash Accounts	14,475.93
Other Assets	
Accounts Receivable - old	0.00
Total Other Assets	0.00
Account Receivable	
Accounts Receivable	0.00
Total Account Receivable	0.00
Investment Accounts	
Bank of Oklahoma CD03	4,145.98
Bank of Oklahoma CD03 (Cash)	0.00
Total Investment Accounts	4,145.98
Total Assets	18,621.91
<b>Liabilities</b>	
Other Liabilities	
Prepaid Meals	0.00
Total Other Liabilities	0.00
Tax Liabilities	
Sales Tax	0.00
Total Tax Liabilities	0.00
Total Liabilities	0.00
Net Worth	18,621.91

## New Report Provides Roadmap for Energy Policy and Strategies in the New Administration

### *Focus on building energy use*

ATLANTA – As the federal government prepares for the presidential transition in January, it will face challenges in dealing with increasingly complex issues and new directives from the Obama administration and the new Congress, especially concerning energy issues. A new report from the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) provides a potential roadmap for addressing the nation's dependence on foreign energy sources and its greenhouse gas emissions while growing the economy.

Our citizens spend approximately 90 percent of their time indoors—many of them in schools and office buildings. The entire U.S. construction industry employs an estimated 10 million people including manufacturing, and with increased focus on improving energy efficiency within buildings, that number can be expected to rise.

ASHRAE's report provides detailed recommendations on shaping energy policy. Some of the suggested provisions include:

**Energy Policy and Climate Change:** Require annual measurements of building energy use, and provide funding and direction for data collection and analysis regarding energy use in buildings. ASHRAE has recently launched an effort to develop a domestic building energy labeling program that will provide owners, operators and occupants information on their buildings' energy consumption.

**Research and Development:** ASHRAE recommends increased research and development efforts in the built environment, particularly for on- and off-site renewable energy, net-zero-energy building technologies, and increased governmental support for private-sector R&D.

**Federal Incentives:** The report offers ideas for government incentives for energy-related activities, particularly commissioning, re-commissioning and retro-commissioning; education and training for operations and maintenance personnel; realistic depreciation schedules; and long-term tax deductions.

**Federal Agency Activities:** ASHRAE recommends providing adequate financial and technical resources to federal agencies to meet new energy requirements, and promote the use of tools such as building information modeling and integrated design for federal construction projects.

**Education:** The report stresses the importance of supporting educational programs focused on student competence in STEM fields, and providing funding for "green-collar" job training programs.

To receive a copy of the report or to learn more about ASHRAE's government affairs efforts including the High-Performance Building Congressional Caucus, a bipartisan effort to bring policy-relevant expertise from across the buildings community to policy-makers, please e-mail Wendy Angel at [wangel@ashrae.org](mailto:wangel@ashrae.org).

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standardizing, publishing and continuing education.



# ASHRAE

Technology for a Better Environment

## CENTRAL OKLAHOMA CHAPTER

### BOARD OF GOVERNORS MEETINGS 2008-2009

<u>Month</u>	<u>Year</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
June	2008	Monday June 23	Noon	Hometown Buffet
July	2008	Monday July 28	Noon	Hometown Buffet
August	2008	Monday Aug 25	Noon	Hometown Buffet
September	2008	Monday Sept 29	Noon	Hometown Buffet
October	2008	Monday Oct 27	Noon	Hometown Buffet
November	2008	Monday Nov 24	Noon	Hometown Buffet
December	2008	Monday Jan 5	Noon	Hometown Buffet
January	2009	Monday Jan 26	Noon	Hometown Buffet
February	2009	Monday Feb 23	Noon	Hometown Buffet
March	2009	Monday Mar 23	Noon	Hometown Buffet
April	2009	Monday Apr 27	Noon	Hometown Buffet
May	2009	Monday May 25	Noon	Hometown Buffet

### CHAPTER MEETINGS 2008-2009

<u>Month</u>	<u>Year</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
August	2008	Weds Aug 13	11 am-1 pm	The Center
September	2008	Mon, Sept 22	12 pm-6 pm	Rose Creek Golf Club
October	2008	Weds Oct 8	11 am-1 pm	The Center
November	2008	Weds Nov 12	11 am-1 pm	The Center
December	2008	Weds Dec 10	11 am-1 pm	The Center
January	2009	Weds Jan 14	11 am-1 pm	The Center
February	2009	Weds Feb 11	11 am-1 pm	The Center
March	2009	Weds Mar 11	11 am-1 pm	The Center
April	2009	Weds Apr 8	11 am-1 pm	The Center
May	2009	Weds May 13	11 am-1 pm	The Center

## OFFICERS

<b>President</b>	<b>Grant Flurry</b>	<b>239-7320 (Ext. 253)</b>
<b>President Elect</b>	<b>Pete Ray</b>	<b>271-2121</b>
<b>Secretary</b>	<b>Alejandro Garcia</b>	<b>478-5353 (ext. 1384)</b>
<b>Treasurer</b>	<b>Shaun Sexton</b>	<b>236-2030</b>

## BOARD OF GOVERNORS

Tom Determan	947-6626
Mark Furgason	948-1794
Jason Keyes	948-3334
Jim Stengle	553-3680
Joe Sanders	947-6502
Trapper Wilson	525-7722

## COMMITTEE CHAIRS

Attendance	Jenny Haltom	528-7266
Government Affairs	<b>TBD</b>	
Historian	Alan Loeffler	239-7320 ext.234
Membership	Chris Filson	340.7890
Devotional	Alan Loeffler	239-7320 ext 234
Refrigeration	Pete Ray	271-2121
Research Promotion	Bob Vermillion	843-9788
Roster	Dusty Stoabs	842-9556 ext 214.
Student Activities	Aruna Abhayagoonawardhana	525-7722
Scholarship	Harry Rountree	528-7266
Publicity	<b>TBD</b>	
Sou'Wester	Art Murnan	664-3237
Special Events	Bob Carson	632-6664
Webmaster	Art Murnan	664-3237
Technology Transfer	Bruce Albertson	525-7722
Reception	Jim Wolfe	842-3373
CRC Delegate	Harry Rountree	823-5008
CRC Alternate	Aruna Abhayagoonawardhana	525-7722



Technology for a Better Environment

Central Oklahoma Chapter  
PO Box 18269  
Oklahoma City, OK 73154

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Are you on our email list?  
Comments?, Suggestions?  
Articles?  
[amurnan@acallp.com](mailto:amurnan@acallp.com)

Central Oklahoma  
**SOU'WESTER**