



The A.S.H.R.A.E. Newsletter

American Society of Heating, Refrigeration and Air conditioning Engineers, Inc.
Southwest Florida Chapter # 139

Voted Region XII Best Newsletter for ASHRAE Year 1998-1999

November 2004

Volume 10 Issue 3



PRESIDENT'S MESSAGE

Well, November definitely gives occasion to stop and ponder the many differences and similarities between being an ASHRAE chapter president and President of the United States. Like my counterpart in DC, I too have a four year commitment of hard work. But there are differences too, to be sure. For one thing, it is definitely nice not having to spend millions of campaign dollars making campaign promises I don't intend to keep. Managing an annual budget that has never been in the red is a piece of cake too. Do you realize that if we assessed each of you local chapter members \$1,714,000 and donated it to the national debt we still wouldn't have enough to pay it off and by the time we collected it all there would be a new debt there as big as the first? Then again, it would be nice to have a private jumbo jet and a limo motorcade to take me to all the important president functions I have to go to here in Fort Myers. But then too, not having to worry about bad press coverage should we decide to invade the AIA is a load off my mind as well.

For now, I guess I'll just stay president of an ASHRAE Chapter. Thanks for your votes!

Guy Van Meulebrouck PE, President SWFL ASHRAE Chapter

OCTOBER MEETING NOTICE

Bring a colleague, co-worker,
or friend in recognition of:

MEMBERSHIP PROMOTION NIGHT

Topic:

Commercial Kitchen Ventilation

Guest Speaker:

Sherri Lee – Captive Aire Systems

NEW Meeting Location:

**Sam Seltzer's Steak House
In the Radisson Hotel**

12635 S. Cleveland Ave. Fort Myers
239-277-7261

Date:

Wednesday, November 10, 2004

Time:

5:00 - 6:00 Board of Governors
Meeting

5:45 - 6:30 Social

6:30 - 8:30 Dinner, Meeting and
Program

Cost:

\$30.00 per member.

Reservations are a must!!

Call Mary Kay Gonzalez
239-939-9098

This Month's Topic:

Commercial Kitchen Ventilation

Presented By:

Sherri Lee/Andrew Kominik – Captive Aire

Sherri Lee, Regional Manager for the Gulfcoast Region of Captive Aire Systems, along with Andrew Kominik, from our Technical Sales Division, will present an overview of Commercial Kitchen Ventilation. With twenty years experience in the ventilation industry, they will provide a perspective of changes and improvements that have taken place over the years, with an emphasis on recent industry testing, code changes and energy efficiency.

Outline

- Research review & Update
- Cooking equipment designs
- Makeup air design selection
- Design improvements
- New Technology Reviewed
- Fire Systems
- Air balance
- Code Review-IMC Introduction
- ASHRAE 62 Discussed
- Case studies on new designs

**Past Presidents of
#139 Southwest Florida Chapter**

1982 - 1983	Edward O'Neal, P.E.
1983 - 1984	Edward O'Neal, P.E.
1984 - 1985	Dennis Holland
1985 - 1986	Ross Montgomery
1986 - 1987	Jeff Dorini
1987 - 1988	Kermit Rood
1988 - 1989	Bill Malphus
1989 - 1990	Tom Delnay
1990 - 1991	Nelson Tarbox
1991 - 1992	Gary H. Griffin
1992 - 1993	Gary H. Griffin
1993 - 1994	Jeff Zenoniani
1994 - 1995	Lisa A. Duritsch
1995 - 1996	Jason Grabowski
1996 - 1997	James Faulkner
1997 - 1998	Robert Risley
1998 - 1999	Winifred Denius
1999 - 2000	Paul Martin
2000 - 2001	Don Pine
2001 - 2002	Randy Saul
2002 - 2003	Jason Allen
2003 - 2004	Mark Brant

**Please help us update the ASHRAE
mailing list**

Email to Kurt Vega at kvega@safronics.com, call 239-693-7200 X218 or mail to:

Kurt Vega
5580 Enterprise Pkwy
Fort Myers, FL 33905
239-693-7200 ext. 218

Please include the following:

Name: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Membership # _____

ASHRAE Standards Policy Changing

ASHRAE has enjoyed a dominating role in the design and application of HVAC&R technology throughout our 105-year history. Certainly the Society's publications and research programs have had a significant impact in the design and construction industry and on Society as a whole. We are currently in a mode to change the way we are developing and processing Standards documents out of the Society. We welcome your comments and suggestions to the information below. Please respond to whomever you want to, and you can use Robert Risley your DRC or myself as your DAL as an option.

Today ASAHRAE generates and maintains over 127 different standards encompassing a broad range of issues:

Practice Standards eg 15, 26, 62.1, 62.2	9
Method of Test	89
MOT & Rating eg 52.1 and 52.2	2
Classification Standards eg 34	2
Measurement Standards eg 41 series	9
Calculation Standard eg 142	3
Design Standards eg 90.1 & 90.2	3
Reporting Standards eg 105, 136	2
Measurement & Practice Standards eg 111	2
Performance Standards eg 119	1
Definition/Specification Standards eg 135	2
Design Criteria Standards eg 160P	1
Terminology eg 166P	1
Data eg 169P	1

Several of these standards relate directly to energy conservation, indoor air quality, and safety issues - these are frequently referenced or adopted directly into our building codes. Standards 15, 34, 55, 62.1 and 90.1 are notable examples of this. ASHRAE has a rapidly growing international influence with European Standards Organizations (ESO) and the International Standards Organization (ISO).

Currently we have over 1200 volunteers on our standards writing committees developing new standards or maintaining and updating existing standards.

In 1993 the Board implemented new policies that directed that "ASHRAE should identify ASHRAE standards that are likely to be adopted into building codes and write these standards, both new and revised, in code acceptable language". This has had a material impact on some of our existing standards, like 90.1 transforming them from state- of -the- art

documents to minimum compliance standards written in mandatory language.

With all that said, the playing field has changed for this 21st century. The culture of our society has changed and the world of electronic communications has changed how business is conducted. Special interest groups also have a greater influence in the development of our consensus standards. With that, the time frame to develop new standards has extended significantly and even development of addenda upgrades to existing standards has become a protracted effort. ASHRAE must change the way we develop standards if we are to continue to enjoy our leadership role and to operate at the speed of business.

What are the issues currently facing us?

- a. Can ASHRAE successfully write comprehensive standards that encompass both recommended practice/state of the art approaches with code intended applications, that more typically identify minimum compliance levels
- b. Should such code intended standards be distinct and separate, such that their purpose is more clearly understood
- c. Should recommended practice/state of the art standards be written in mandatory or informative language? Will writing such (non code intended) standards in mandatory language inevitably change their content in the consensus development process?
- d. We need to find ways to attract more members to participate in the standards development process, especially practitioners and code officials.
- e. We need to reduce the time it takes to get a Standard started and published, including addenda of standards on CM.

At this time the Board is re-affirming upholding our fundamental policies for standards related documents and, at the same time, looking at how these fit into the overall role of all of ASHRAE's publications. In this process, we are redefining the scope, purpose and format of ASHRAE's standards related documents. This includes separation of code intended minimum compliance standards from recommended practice standards that encompass state of the art and leading edge technology, defining the content of each document type, streamlining the approval process, and the responsibility and methodology for development.

In some cases separate code intended standards would be derived from current recommended practice/state of the art standards, in other cases these need to be developed separately and in parallel. We may decide to use our existing PC structure to do the work, or we may decide on other

means. Our primary focus remains the development of recommended practice/state of the art standards that allow us to advance the arts and sciences of HVAC &R technology for the benefit of ASHRAE members and the public at large.

The Board of Directors and the Standards Advisory Committee urges all members to respond to the Market Research Project - Members Needs Assessment Survey. There are some key questions included that particularly relate to our standards. We need to hear your views on ASHRAE's current standards and understand your needs so that we can set the right direction for our future development. We look forward to your comments on the survey.

Gordon Holness (VP)
Ross Montgomery (DAL)
Claire Ramspeck(MOS)
Standards Advisory Committee

Membership



Lily Salkoff

Membership Promotion Night

This month's meeting is Membership Promotion Night as well as our regularly scheduled meeting. Why have a night to promote membership, you might ask? Well there are many reasons. ASHRAE is an Internationally recognized Engineering organization in the forefront of setting standards for the industry. Where else can you meet with your peers have a good dinner, discuss the latest in what's going on in the local, state, and national HVAC Engineering markets, standards, rules and regulations. Attend the latest technical seminars. It also earns the chapter Presidential Award of Excellence (P.A.O.E.) points for membership.

If you sponsor a new member and they include your ASHRAE member number on their application you are eligible for the "Member-Get-A-Member" program. For every member who recruits a new member to join ASHRAE, a \$10 coupon toward purchases from the ASHRAE bookstore or logo merchandise will be issued.

For information on joining please contact:
Lily Salkoff
<mailto:imthewoman@bikerider.com>

Resource Corner



Brian Mumme

Golf Tournament Update

The 2004 Golftoberfest was a great success. While we did not have as many players this year, we added 12 more hole sponsors, and collected substantially more money for the 50/50, putting contest and the sale of mulligans.

We would like to thank all the volunteers that help set-up and organize the event. They are as follows:

Lisa Duritsch - Assembled Goody Bags and Putting Contest
Betsy Sanders - Assembled Goody Bags and Putting Contest
Ric Turmel - Assembled and set up Hole Sponsor Flags
John Pennington - Installed Hole Sponsor Flags
Paul Boudreaux - Sponsor Flag Coordinator
Florice Wright - Check in / Mulligan and 50/50 Sales
Alan Green - Trophies and Gift Certificates

We would also like to extend a special thanks to United Mechanical, who contributed \$850.00 in addition to their hole sponsorship. To all those who participated in the tournament, we thank you. We had a great time this year and look forward to another successful Golftoberfest.

See the finalized list of Hole Sponsors.

T.E.G.A.

John Trowbridge

The Air-Conditioning and Refrigeration Institute (ARI) recently conducted a survey that showed American building owners had either replaced or converted only some 43,000 units of the estimated 80,000 existing CFC chillers as of January of 2004. This progress has been deemed less than satisfactory by Congressman Peter Hoekstra (R-Mich.) who has introduced legislation into U. S. House of Representatives to change the period of depreciation for HVAC equipment. As of today, businesses may depreciate a chiller over a period of 39 years (bit long for an air cooled unit), the new proposal will push that back to 15 years

This will encourage businesses to purchase new and more efficient equipment in order to take advantage of those tax write-offs.

This attack on old equipment is being supported by the EPA, which is providing information to businesses about the benefits of newer equipment. The article can be found on the ARI website at, <http://www.ari.org/consumer/articles/>.

Those busy folks at ARI have also published a guideline to provide the means to calculate not only the energy impact of energy recovery ventilation, but also the impact on the sizing of the building's air conditioning units.

This informative guideline is available for free, though you do need to provide an email address, from the ARI website. The address is http://www.ari.org/std/_individual/guidev-2003.pdf.

ASHRAE Winter Meeting

Don't miss the ASHRAE Dissemination Train!

Never before in the history of ASHRAE has Region XII had the opportunity to host a Winter Meeting and AHR Expo. February 5 - 9 in Orlando is a chance for you as an ASHRAE Member of Region XII, to ride up the road to Orlando and take advantage of the opportunity to participate in current state-of-the-art Technical Presentations in workshops, seminars and forums on subjects that you deal with every day. Then take time to stroll through more than one million square feet of HVAC Products on display and talk to manufacturers about applying their products in your projects. Never has this ASHRAE Dissemination Train been so close to your back door! Register for the meeting today at <http://www.ashrae.org/orlando> and they will assist you with hotel accommodations and schedules. In addition, you may contact William M. Dillard at bdillard@msifla.com for any specific information you need to attend this exciting "must see" HVAC Industry event. See you at the ASHRAE Winter Meeting!

ARE YOU READY FOR SOME HOCKEY???

It's that time of year again, time to put on our down coats, gloves, scarves, thermal underwear, etc.... If you haven't put them in permanent storage. Bring the family.

Friday December 10th

Game starts 7:30PM

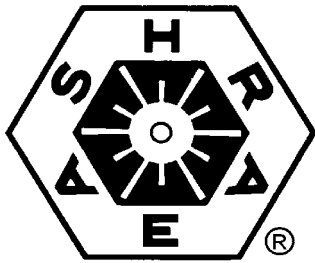
Social Hour 6:00PM

Florida Everblades vs. South Carolina Stingrays

See the Flyer for more details

FINALIZED HOLE SPONSORS

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Carrier of Florida
Carroll Air Systems
Commercial Air Management
Corrosion Solutions, Inc.
CRS Technology - Computer Solutions
Diversified Fluid Controls
Dynatherm Resources
Eastern Sheetmetal
ESSI
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G.L. Spies Company
Gemaire
George A. Israel
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Indoor Air Professionals
Johnson Controls, Inc.
Kreuger
Lindab
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NCA Manufacturing
Nemeth Air
Kevin Lawhon - Northwestern Mutual
Page Mechanical Group, Inc.
Penn Ventilation
Pioneer Metals, Inc.
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Slade Ross, Inc.
Southwest Florida Trane
Specialty Products and Insulation
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Tekplan Solutions
Tom Barrow
United Mechanical
Vickery and Company
Victor Distributing
Waterside Mechanical, Inc.
York International



SWFL ASHRAE #139
ANNUAL
Ice Hockey Game



Vs.



- Date:** December 10th, 2004
- Time:** 6:00 p.m. – Private Dining Area for Cash Bar and Food
7:30 p.m. – Hockey Game
- Location:** Germain Arena
- Game:** Florida Everblades vs. South Carolina Stingrays.
- Food:** Heavy H'orderves and finger foods will be provided
- Cost:** \$30/person

Please R.S.V.P. to Randy Munsey @ 239-997-5100 or John Pennington @ 941-627-8881 ext. 215 to reserve your spot prior to November 19th. Please feel free to bring your spouses, children and significant others for a fun evening watching the Everblades "kick some ice" against the South Carolina Stingrays.



ASHRAE 2004-05 Chapter Meeting Dates

Meeting Date	Program	Speaker / Representative	Location
Sep. 8, 2004	Moisture Control Through Desiccant Dehumidification	Cheryl Hughes / Munters	Sam Seltzer's Steakhouse
Oct. 13, 2004	DDC for Lighting	John Bagwell / Triatek	Sam Seltzer's Steakhouse
Oct. 29, 2004	Golftoberfest	Jason Grabowski	Heritage Palms Golf and Country Club
Nov. 10, 2004	Commercial Kitchen Ventilation	Sherri Lee / Captive Aire	Sam Seltzer's Steakhouse
Dec. 10, 2004	Everblades Hockey Game and Dinner		Germain Arena
Jan. 12, 2005	LEED Program	Paul Shahriari	TBA
Feb. 9, 2005	TBA		TBA
Mar. 9, 2005	C.H. Motor Cars Tour		Naples
Apr. 13, 2005	U.V. Lights in A/C	Chuck Dunn / Lumalier Co.	TBA
TBA – April	7 th Annual Backwater Fishing Tournament	Don Pine	Cape Coral Yacht Club
May 11, 2005	To Be Announced		TBA
TBA – May	5 th Annual 8-Ball Pool Tournament	Lisa Duritsch	Miscue Lounge
June 2005	President's Party		TBA

A.S.H.R.A.E - Southwest Florida Chapter 2004-2005 Officers and Committee Directory

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Secretary

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ASHRAE

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Kurt Vega
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Historian

Lawrin Ellis
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Fax. 239-936-0819

Student Activities

Robert Lesnau
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Statements made in this publication are not expression of the Society.