



# 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

October 2005

Volume 11 Issue 2



## ***PRESIDENT'S MESSAGE***

I am caught by the calendar: time flies. In a marketplace such as ours we can count our blessings. I hope it lasts forever, but ...

In my last note I mentioned some objectives of mine for this year. At a CRC meeting on Membership it was suggested that we carry membership applications with us so that when someone mentions interest in ASHRAE we can hand them a form. That sounded like a good idea to me and I am carrying them. If you want to do the same, see Keith Enwright.

I also mentioned increasing meeting attendance. I have looked at the programs that Roger Coll has put together and think he has a very attractive list. The November meeting is listed elsewhere in this issue. In December we will go to the Everglades Hockey game again. January brings in Distinguished Lecturer Dr. Will Stoecker to discuss Ammonia/Carbon Dioxide Hybrid Systems. In February we have Indoor Air Humidity with Han Sundell. Mike Green talks of Mold Litigation in March. We are trying to put together a Video Conference on Sustainability and the Building Environment regarding Green topics for an afternoon meeting. Then in May we hear from Verle William on Improving Efficiency in K-12 Schools District Wide. You can throw in a tour of the Solid Waste Energy Plant for February 24th at 3:00pm arranged by Guy Van Meulebrouck.

Our website is developing. Using the feature to make meeting reservations and pay for them by credit card, if you like, is convenient. I have used it twice. You can look forward to being able to pay for golf sponsorships and rounds, the fishing tournament, the envelop seminar in February, and the pool tournament.

Hope to see you at Bogert's on the 12th.

John Pennington, President SWFL ASHRAE Chapter

## ***SEPTEMBER MEETING NOTICE***

### **Topic:**

**ASHRAE 62, Proper Utilization**

### **Guest Speaker:**

**Charles Waddell**

### **Meeting Location:**

**Bogert's Chop House**  
5990 Winkler Ave – Ft. Myers  
(just off College Pkwy.)

### **Date:**

**Wednesday October 12, 2005**

### **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: ASHRAE 62, Proper Utilization**

**Presented By: Charles Waddell**

Our October speaker, **Mr. Charlie Waddell**, is the Executive vice president of bioclimatic Air Systems, a leading manufacturer of Air Purification Systems for Indoor Air Quality, Odor/Air Pollution Control and Corrosion Protection. Mr. Waddell has over 7 years experience designing mechanical, electrical, refrigeration and control systems in the HVAC industry. Prior to joining bioclimatic Air Systems, Mr. Waddell was Southeast Regional Sales Manager for Des Champs Technologies and a Field electrical Engineer for Siemens Medical. Mr. Waddell holds a BSEE from Old Dominion University.

He will be speaking on ASHRAE 62-01 Addenda "n", the new methods for calculating ventilation requirements. He will also discuss methods to reduce outside air to a minimum of 5 CFM per person and still be in compliance with ASHRAE standard 62 as well as local and national codes. In addition, various air cleaning technologies will be discussed that enable the reduction of outside air.

### **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, PE
2004 - 2005	Guy Van Meulebrouck

### **Please help us update the ASHRAE email list**

Email to Kurt Vega at [kvega@saftronics.com](mailto:kvega@saftronics.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 # \_\_\_\_\_

## Membership News

Please join us in welcoming the following new members to the Southwest Florida Chapter

- Dr. Edward B. Kear, Jr. – elected as a Regular Member on 06/30/2005
- Mr. Andres J. Herrera – transferred in as an Associate Member on 06/30/2005
- Mr. David H. Taylor – transferred in as a Life Member on 06/31/2005
- Mr. Robert A. Lesnau – elected as a Regular Member on 07/31/2005
- Mr. Roger M. Coll – elected as an Associate Member on 07/31/2005
- Mr. Thomas A. Thornburgh – transferred in as a Life Member on 07/31/2005

We would also like to recognize our guests from last months meeting.

- Mr. Tony Holliver –Future Controls
- Mrs. Norma Hanson– Future Controls
- Mr. Laurel Chapman –Future Controls
- Ms. Heather Hsi– Applied Dehumidification, Inc.
- Mr. Mark Dakiri –Applied Dehumidification, Inc.

Also, please bid farewell and good luck to the following members who have transferred out of our chapter.

- Mr. Harris D. Bynum – transferred out as a Retiree Member in June 2005
- Mr. John T. Trowbridge – transferred out as an Associate Member in August 2005

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## Young Engineers In ASHRAE

Did you know that ASHRAE has a new subcommittee of Members Council called YEA? YEA stands for Young Engineers in ASHRAE and is a group that focuses on young members under the age of 30. The primary objective for YEA is to enhance our member benefits for young professional ASHRAE members by identifying activities and services focused on their needs. For more information about YEA visit their web link in the Membership or Student Zone sections of the ASHRAE website! More information will be available for YEA in the coming months to include enhanced Chapter

resources for young people, information about the YEA connection (an upcoming new program), a YEA Guide (similar to the Student Guide) for recruitment of new members, and additional YEA events at ASHRAE meetings. The staff liaison for the YEA Subcommittee is Ashley Pruett and you may contact her at [apruett@ashrae.org](mailto:apruett@ashrae.org)

Keith Enwright Membership Chair

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## Society News

### ASHRAE.org Earns Award of Excellence

ATLANTA – ASHRAE.org, the Web site of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, has earned an award of excellence from the Web Marketing Association.

The association's Standard of Excellence WebAward recognizes the best Web sites in a variety of industry categories. Past Standard of Excellence sites include The American Water Works Association, ABC News, and Abercrombie and Fitch.

Judges noted that ASHRAE.org is "easy to navigate and easy to find your contact information." Entries are judged on design, innovation, content, technology, interactivity, copywriting and ease of use.

The site exceeds 6,000 unique visits per day and hosts 8,000 documents. ASHRAE.org was launched in 1995 to deliver information to the HVAC&R industry, including authoritative, in-depth technical information, information on Society activities, updates on emerging trends in new technologies, and information on HVAC&R products, companies and organizations.

"ASHRAE.org is designed to make it easy for visitors to find the information they need in order to help fulfill their obligation to their clients and customers as well as to the Society," David McAlister, ASHRAE's manager of electronic communications, said. "For Internet professionals to judge our site a Standard of Excellence in Web design is encouraging. But the usability and friendliness of a site depends on member feedback and constant study of industry best practices. We see this award as confirmation that we're on the right path."

Services of the site include:

- Discussion boards to enable practitioners to share expertise and opinions in a variety of technical areas.
- Online meetings for committees.
- An interactive membership application form.
- A career services center where members can post resumes and search for jobs.
- Enewsletters, The HVAC&R Industry, which provides weekly industry update to subscribers, and Society Connections, which provides discussion forums on technical issues and Society news.

The Web Marketing Association was founded in 1997 to help set a high standard for Internet marketing and corporate Web development on the World Wide Web.

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.

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## **ASHRAE Implements New Process to Update Code-Intended Standards**

ATLANTA – As part of ongoing efforts to increase use of its standards, the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) has announced a major change to availability of addenda to code-intended standards.

The move puts ASHRAE in line with issuance of model building codes.

In the past, addenda for code-intended standards on continuous maintenance were posted individually on ASHRAE.org after being approved by the Board of Directors for publication. Now, Board-approved addenda to code-intended standards will be published in a supplement. The supplements for each standard will be published on a regular schedule halfway between the three year publication of each standard. The addenda also will be incorporated into each standard when it is reissued after its last publication.

Richard Hermans, P.E., chair of ASHRAE's Standards Committee, acknowledges the change is significant.

"Our whole approach to how we relate to the building code industry is changing," Hermans said.

"We are seeking more involvement with the model code development community to assist us in our code proposals. We are responding to member concerns over the cost of keeping up with our code-intended standards. By cost, I am not referring to the dollars spent for obtaining the updated documents but rather the cost in time to train employees about the new requirements contained in addenda. And we are aligning our release of certain standards to coincide with the model code schedules for code change proposals."

All of these actions point to a policy of releasing addenda on a predictable schedule spaced out over years, he said. "In this way, we will develop our code-intended standards in the same way that groups such as the International Code Council and the National Fire Protection Association, both of which incorporate ASHRAE standards, maintain their model codes," he said.

The change applies only to code-intended standards that are on continuous maintenance. These are:

- Standard 15, Safety Standard for Refrigeration Systems;
- Standard 34, Designation and Safety Classification of Refrigerants;
- Standard 52.2, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size;
- Standard 62.1, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, Industrial and High-Rise Residential Buildings;
- Standard 62.2, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings;
- Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings;
- Standard 90.2, Energy Efficient Design of Low-Rise Residential Buildings;
- Standard 140, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs.

The first supplements for standards published will be available in March 2006.

For more information on ASHRAE's work in standards, visit [www.ashrae.org/standards](http://www.ashrae.org/standards).

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.

## Solid Waste Energy Plant Tour

Working with our program director, I have booked a tour of the Solid Waste Energy Plant for February 24th at 3:00pm. Dinner afterwards is optional (maybe a beer too). The tour will cater slightly to engineers and take 2 hours.

This facility, in case you are not familiar with it, burns solid waste at extreme temperatures and utilizes that heat of combustion to produce electricity.

This trip will be a great opportunity to invite all the local electrical engineers and maybe some architects who are interested in Green Buildings.

This tour is also available in the evenings, by special request. 50 people is the requested maximum per tour (we can always book a 2nd tour simultaneously or afterwards).

Guy Van Meulebrouck PE  
Consulting Engineer  
[guyvanm@comcast.net](mailto:guyvanm@comcast.net)

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## 2006 Chapters Regional Conference (CRC)

Some of you may know by now that our chapter will be hosting the 2006 CRC. This is an awesome responsibility, one that I am sure our chapter ready for. I have volunteered and been accepted as the Host Chapter General Chair nearly a year ago. Since that time we have negotiated and entered a contract with Sanibel Harbor Resort and Spa for the CRC Venue. Most of you know that the last CRC hosted by Southwest Florida was also at Sanibel Harbor Resort and Spa and was an outstanding conference. The Conference has already been scheduled with Society and will occur from Wednesday 8/16/06 through Sunday 8/20/06. Our own Rob Risley will be the Director and Regional Chair for Region XII during that time (Congratulations Rob!).

Over the next 9 months I will be looking for sub-committee volunteers. It would be great to get a wide participation from the membership for this event. Only a large chapter involvement can make the CRC successful. We have an opportunity to highlight the work our chapter has been accomplishing, display the uniqueness of design and construction in our Southwest Florida environment, show-off the natural beauties our home has to offer. There will be dignitaries from around the world observing and participating in our CRC.

The following is our listing of sub-committees:

- Banquet
- Companions
- Decorations
- Entertainment
- Finance
- Hospitality
- Mailing
- Printing
- Publicity

- Reception and Registration
- Social
- Sports
- Technical
- Transportation

There will also be opportunities for Manufacturers to hold displays, Provide Corporate Sponsorship of Special Events and Social Events and receive Special Recognition for supporting our Chapter over the years.

Please contact Don Pine @ 939-4502 (office) or by e-mail at [dpine@umihvac.com](mailto:dpine@umihvac.com) to volunteer or get additional information

Thank you

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## Call for Articles

Please feel free at any time to submit articles or items of interest to the Southwest Florida chapter for this newsletter for publication. If you have any additions, changes, deletions or corrections to the newsletter, please let me know.

Contact Kurt Vega @ 239-693-7200 X 218  
Email [kvega@saftronics.com](mailto:kvega@saftronics.com)

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## Directions to Bogert's



**Bogert's Chop House**  
5990 Winkler Rd Fort Myers FL 33919 (239) 590-6772

## ASHRAE 2005-06 Chapter Meeting Dates

Meeting Date	Program	Speaker / Representative	Location
Sep. 14, 2005	Thermographs and it's Application to HVAC	Jim Thompson	Bogert's Chop House
Oct. 12, 2005	ASHRAE 62-01 ADDENDA "N"	Charlie Waddell	Bogert's Chop House
Oct, 2005	Golftoberfest	Jason Grabowski	TBA
Nov. 9, 2005	Air Conditioning Systems in Hospitals & Critical Health Care	Essam Eldin Khalil, Ph.D	Bogert's Chop House
Dec. 9, 2005	Everblades Hockey Game and Dinner		Germain Arena
Jan. 11, 2006	Ammonia/Carbon Dioxide Hybris Systems	Will Stoecker, Ph.D	Bogert's Chop House
Feb. 8, 2006	Indoor Air Humidity	Jan Sundell	Bogert's Chop House
Feb 24 2006	Solid Waste Energy Plant Tour	Guy Van Meulebrouck 3:00PM	Solid Waste Energy Plant
Mar. 8, 2006	Mold Ltigation	Mike Green	Bogert's Chop House
Apr. 12, 2006	TBA		TBA
May, 2006	8th Annual Backwater Fishing Tournament	Dean Sanders/ Keith Enwright	TBA
May 10, 2006	Improving Efficiency in K-12 Schools District Wide	Verie William	Bogert's Chop House
TBA – May	6th Annual 8-Ball Pool Tournament	Lisa Duritsch	Miscue Lounge
TBA - June	President's Party		TBA
Aug 2006	Region XII CRC	Done Pine	Sanibel Harbor Resort

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

**Chapter Officers:**

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**Vice President**  
Mike Myers  
Ph. 239-275-4240

**Treasurer**  
Sam Moreland  
Ph. 239-278-1988

**Secretary**  
Robert Lesnau  
Ph. 239-275-4240

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**Mark Brant**  
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**Gary Griffin**  
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**ASHRAE**  
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**Chapter Committee Chairpersons:**

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**Programs**  
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Ph. 239-275-6358

**Technical, Energy, and Governmental Activities**

**Membership**  
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**Resource Promotion**  
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**Historian**  
Lawrin Ellis  
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**Student Activities**  
Robert Lesnau  
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**Chapter Board of Governors:**

