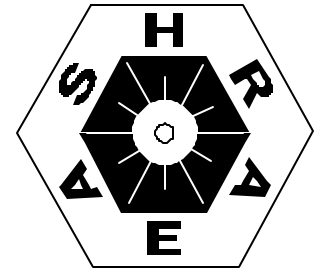


# PYRAMID PRESS

ASHRAE – Memphis Chapter

April, 2003

SEMINAR 9:00 – 11: 00 &  
LUNCH MEETING  
11:30 TUESDAY, APRIL 08, 2003  
MONTESI EXECUTIVE CENTER



## Memphis Chapter Contacts

### THIS MONTH'S TOPICS:

#### MORNING TOPIC: Filtration and Legionnaires Disease.

The presentation is a generic talk utilizing slides and covers the history of STRAINERS, CARTRIDGE FILTERS, SAND FILTERS, BAG FILTERS, and CENTRIFUGAL SEPARATORS as they apply to the Heat Transfer industry, also NEW TECHNOLOGY IN CLEANING COOLING TOWER BASIC AND SUMPS. The presentation takes 42 minutes. It has been given to over 157 A.S.H.R.A.E. Chapters and many professional engineering firms and businesses.

#### AFTERNOON TOPIC: Legionnaires Disease and ASHRAE 12 Guidelines.

The speaker is a member of, and Past Chairman of the ASHRAE TC 3.6 Water Treatment Committee. TC 3.6 was responsible for much of the ASHRAE funded research on controlling and minimizing the risk of Legionnaires Disease in cooling towers. This ASHRAE sponsored research provided a great deal of information used to draft the ASHRAE guideline on minimizing the risk of Legionnaires Disease in water systems. A general overview of Guideline 12 and Legionnaires Disease in cooling towers and how to minimize the risk of an outbreak of this deadly disease is included in the Basics of Filtration presentation.

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## THE PRESIDENT'S CORNER

TO: ASHRAE Members

Well it's April already and we only have two more meetings this year before we take our summer break. Last month we nominated and elected our new board for next year. I'd like to introduce next years Memphis Chapter Board of Governors.

Christopher Claude - President  
Jeffry Gatlin - President Elect  
Gary Whittam - Vice President - Chapter Programs  
Stephanie Cianciola - Secretary  
James Prillaman - Treasurer  
Rodney Lum - At Large  
James Doyle - At Large  
David Branch - At Large  
John Colmer - Student Activities  
Martin Harrington - Honors and Awards  
Brian Schaffler - Research Promotion  
J.R. Anderson - TEGA  
William Jason - Historian  
Denver Glazier - Newsletter Editor  
Charles Royer - Webmaster

Missing from this list is a Membership chairman. Dave Miller will be retiring from this position at the end of this year, so we need to find a new chairman. If anyone is interested or knows someone who would be a good candidate, please contact me at 345-6100.

Please join us for our next meeting next Tuesday, April 8th at 11:30 at CBU.

I look forward to seeing you all soon.

Brian Schaffler  
Vice President, Sales  
Gorham/Schaffler Inc.  
901-345-6100

## FUTURE PROGRAMS

**APRIL 8, 2003**

**9:00 – 11:00 a.m.** PDH Seminar – Energy Conservation Aspects of Centrifugal Separators – Scott Mayes, Lakos – 2 PDH

**11:30 a.m. – 1:00 p.m.** Chapter Meeting – Subject TBA – Scott Mayes, Lakos – 1 PDH

**May 13, 2003**

**11:30 a.m. – 1:00 p.m.** Chapter Meeting – ASHRAE 62 and 90, and their effects on building moisture control by Dennis Stanke – 1 PDH

## MARCH MEETING REPORT

Meeting was held at the Montesi Center on the campus of Christian Brothers University. 61 Attended including one visitor. The Chapter has now exceeded the total number attendees that we had during the previous Society year, and completed our minimum PAOE point requirements for the Programs Committee.

The speaker was ASHRAE fellow, Gil Avery, PE.



## LESSONS LEARNED

### Darwin Award?

You've seen the funny e-mails about the Darwin Awards, about people who you might hope are never able to reproduce in order to better the species. Well, we may have one here.

The project was to have a few hundred gas-fired furnaces installed in the attics of apartment buildings. The buildings were currently heated with fan coil units getting their water from the domestic water heater. The tenants were turning their t'stats up so much in the winter that they had no hot water.

The project had been underway for some time when we heard that the fire department had been called to the site. It seems that someone had smelled gas.

The contractor had to cut the gas pipe leading to the gas-fired water heaters (in the attic), add a tee, and extend 10 feet of pipe to the furnace. This had to be done over 300 times.

It turned out that the contractor had been the cause of the gas smell....He was cutting the pipe with his electric saw, using a hand threader to install the tee, and running his 10 feet of pipe *without turning the gas off*.

This process was taking about 5 minutes per unit. Every electric hand tool I've seen has arcing around the armature, and the water heaters a few feet away had standing pilots. It's a surprise there wasn't a catastrophe. The contractor defended himself by saying he'd used fans (he'd used 2 box fans from Wal-Mart, one to blow onto the pipe, and one to suck the fumes away). It seems that he didn't want to turn the gas off because of the water heater and stove pilots that would have to be re-lit.

The fire department, code enforcement, and the utility company asked him to change his procedures.