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# FLUE PIPE

American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc.  
Shreveport Chapter

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October 2000

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## PRESIDENT'S MESSAGE

**F**all is a busy time in the life of our chapter. We have our annual Golf Tournament in a few short weeks, Research Promotion Night in November, and Membership Promotion Night this month. The September meeting was a great success and Mike Middleton's presentation on today's energy codes was very informative.

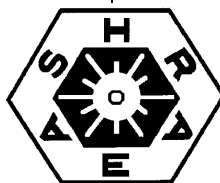
I want to start by thanking Tom Monick, PE for filling in for Dan Cason as this month's presenter. Tom agreed to present later in the year; however, Dan had to race out of town this week on personal business. Thank you, Tom, for your flexibility and willingness to volunteer your skills and expertise with our chapter.

Johnson Controls, Inc. will be sponsoring the bar at this month's meeting. Please be sure to thank Rusty Tucker and all of the other Johnson employees for their generosity. We have bar sponsors lined up for the remainder of the year, with the exception of one meeting. Their names will be published in next month's Flue Pipe and will also be posted on our web site.

And speaking of our web site...I just want to remind everyone that **the Shreveport Chapter is Online!** Check out our site at [www.shreveportashrae.com](http://www.shreveportashrae.com). The site covers our upcoming programs and activities, meeting minutes, the chapter newsletter, a list of officers, honors and awards, a brief history of our chapter, chapter contact information, and a link to the society web page. Mike Middleton and I are currently in charge of the web site. If you are interested in lending a hand with the site, please contact Mike or me. We appreciate all of the help we can get.

**Hurry, Hurry, Hurry! Slot's for this year's Shreveport Chapter Annual Golf Tournament are going fast! Shotgun start is Thursday, Nov. 2 at 1:00 PM at Stone Bridge.** Our golf committee, led by Mike Humphreys, has done an excellent job organizing the event. Please fill out the attached registration form and send it in ASAP.

**Kurt Lyles**  
President



## MEETING FACTS

**DATE:** Thursday Night  
October 19, 2000

**PLACE:** Kon Tiki  
5815 Youree Drive  
Shreveport, Louisiana

**TIME:** 5:30 p.m. Social  
6:30 p.m. Meeting

**SPEAKER:** Tom Monick, P.E.  
The Trane Company

### **TOPIC: Steam Systems – Proper Layout and Equipment Selection**

*Professional Development Hours will be given to all attending Professional Engineers.*

This month's speaker is Tom Monick, PE of the Trane Company. Tom has been an active member of the Shreveport Chapter since 1985. He is a 1984 honors graduate of Iowa State University where he received a B.S. in Mechanical Engineering. While at Iowa State, Tom served as Vice President of Pi Tau Sigma and was a member of the Mechanical Engineering honor society.

Before coming to the Trane Company in 1984, Tom was employed by the American Standard Plumbing Distributor in Sioux Fall, SD, Monick Pipe and Supply Inc, and the General Motors Hydromatic Division. During his years with the Trane Company, Tom has made Trane's Top Ten Club five times and has been the President of the Shreveport ASME Chapter.

Tom is undisputedly one of the best engineering minds in our community and an excellent presenter. So, you won't want to miss his presentation on Steam Systems at this month's meeting.

## TREASURER'S REPORT

## COMMITTEE REPORTS

(as of September 30, 2000)

Statement of Accounts	31-Aug-00	30-Sep-00
Certificate of Deposit	\$ 6,500.00	\$ 6,500.00
Savings Account	\$ 9,335.91	9347.32 *
Checking Account	\$ 1,129.90	1480.41
<b>Total Account Balance</b>	<b>\$ 16,965.81</b>	<b>\$ 7,980.41</b>

\* Includes \$4425.00 for Jack Jorden Scholarship

### Statement of Income

#### Income:

Meal Payments	\$ 283.00
Dues	\$ 1,200.00
CD Interest	\$ -
Sept Interest	\$ 11.41
ASHRAE Resch	\$ 75.00
Misc.	\$ -
Other	\$ -
Total:	\$ 1,569.41

#### Expenses:

Bank Charges (Sept)	\$ (9.56)
Sept Meeting	\$ (389.02)
La Tech Pizza	\$ -
Flue Pipe	\$ (85.00)
ASHRAE Research	\$ (75.00)
Misc	\$ (430.91)
Total:	\$ (989.49)

**Net Income (Loss): \$ 579.92**

### MEMBERSHIP COMMITTEE

Please welcome our newest member of the Shreveport Chapter, Bruce Ayers, PE  
Bruce is the Facilities Director at LA Tech in Ruston, LA

We would like to honor Bob Seive, who has been upgraded to an ASHRAE Life Member.

### STUDENT ACTIVITIES

The first Louisiana Tech student meeting was held Monday, October 9. Over 20 students attended the meeting to hear Kurt Lyles give an excellent presentation. The next meeting is tentatively scheduled for Monday, October 30. I hope to arrange a tour of Louisiana Tech's power plant for this meeting. This year's start looks promising. If anybody has any ideas, please let me know. Thanks again Kurt, for your presentation.

### TEGA

At the September meeting passed out technology awards packets to the student activities chairman and interested applicants. I have more packets if anyone is interested.

It sounds like the program committee has the plans in place for the low temperature refrigeration program at the Bossier Arena. I would like to thank the committee for their hard work and thank our goal of 40 in attendance can be exceeded easily.

If anyone has a contact with any government official let Dan Cason or myself know.

### RESEARCH PROMOTION

As we begin this new year for ASHRAE Research Promotions, I would like to recognize the 1999-2000 Research donors, and thank you for a very successful campaign to raise money for ASHRAE Research. We need your continued support.

Louisiana Tech received a \$5,000.00 grant from ASHRAE Research for a project dealing with the refrigeration cycle. It's nice to see money coming back to our area.

The \$100.00 tax deductible donation to sponsor a hole at the upcoming golf tournament will go directly to ASHRAE Research.

## COMMITTEE REPORTS (Cont.)

### 1999-2000 ASHRAE RESEARCH PROMOTIONS DONORS

\$1000 +

Storer Equipment Company

\$500 +

C & J Insulators

FitzGerald Contractors

Dan P Cason

Michael Earl Humphreys

\$200 +

Reed Mechanical Equipment

Carrier Bock

Heatran Corporation

JDJ Sales

H G Angle Company

Red River Air Conditioning

Craig H Storer

Fred Newton & Company

Industrial Roofing & Sheet Metal Works

Purtle & Associates

Robert F FitzGerald

\$100 +

John T Watts

Kurt G Lyles

Donald F Richardson

Edmonds Engineering Services

Dayton O Nooner

Oxner Engineering

Veachel C Tucker

William T Hamm

Berg Incorporated

Bill Thornton

Bob FitzGerald

Bob Sieve

Charles R Jones

Christopher W FitzGerald

David Pettiette

Donald F Richardson

Donald G Angle

F Newton & Associates

Howard G Angle

Jason E Pierson

John C Wilson

John J Guth

John J Guth & Associates

John R Gegg

Johnson Brothers Service

Michael Scott Middleton

Nancy Simonton

Richardson's Plumbing & Heating

Robert B Hamm

Robert E Parkerson

Robert Sieve

Rusty Tucker - Johnson Controls

The Payne Company

## COMMITTEE REPORTS (Cont.)

Thomas G Sanders  
Thomas H Monick  
William E FitzGerald  
York International

< \$100

Herbert G Patrick

John T Parks

Edwin Antici

Don Bloxen

Bill Rogers

James T Bolian

Jimmy L Hutto

John B Edmonds

William H Rogers

### BOARD OF GOVERNORS MEETING MINUTES

#### Officers

Kurt Lyles

President

Michael Middleton

Pres Elect/Chapter Programs

Jeff Lutz

Secretary/Treasurer

#### Board of Governors

Dan Cason

Thomas Sanders

John Watts

#### Committee Chairs

Bill Thornton

Research and Promotion

James Bolian

TEGA/Refrigeration

Dee Nooner

History

The BOG members present discussed the following:

1. Mike gave update on Fall Golf Tournament. Mike and Don Bloxom working on sponsors and prizes. Registration form will be in Sept. Flue Pipe. Jeff noted that we should let it be known that registration fee does not include drinks.
2. A review of the chapter meeting was presented. Kurt to demo website.
3. Bill Harrison will attend Nov. meeting. BOG will meet with him at 4:00PM at Kon Tiki prior to chapter meeting (Nov. 16<sup>th</sup>). 100% attendance required!
4. Committee Chairs gave update. John noted that he needs speakers for student meetings. Bill Thornton gave \$100 for R&P and encouraged all officers and committee chairs to give by Dec. 31<sup>st</sup> so we can receive Full Circle Award.
5. A schedule of Programs was reviewed. Thomas Sanders would like to move Presentation of Convention Center to after the 1<sup>st</sup> of the year. Bill Thornton would like to have Research and Promotion night in Nov. Kurt to talk to Rusty on Membership Night.
6. Kurt emphasized that committee chairs need to bring report **in writing** to next meeting. This is MANDATORY. Meeting was adjourned at 12:55 PM.

## SEPTEMBER 21, 1999

1. Kurt Lyles called the meeting to order at 6:33PM at Kon Tiki.
2. Kurt welcomed everyone to the 1<sup>st</sup> meeting of the 2000-2001 year and self-introductions followed.
3. John Gegg took names and fax numbers of those who had not received the Flue Pipe.
4. P.E.'s attending requesting PDH's are as follows: Mike Middleton, John Guth, John Watts and Thomas Sanders.
5. Jeff Lutz gave a brief Treasurer's Report.
6. Kurt asked the group for bar sponsors. Sponsors for this year are as follows:
  - Sept.:** Kurt Lyles, Dan Cason & Mike Humphreys (Thanks Guys!)
  - Oct.:** Johnson Controls
  - Nov.:** Carrier
  - Dec.:** *Need Sponsor!!!!*
  - Jan:** Fitzgerald Contractors
  - Feb:** Heatran
  - March:** Gaudin Equipment
  - April:** The Payne Company
  - May:** Storer Equipment
7. Key notes from Committee Reports: Jim Bolian (TEGA) lost a member and is looking for someone to replace him. John Watts (Student Activities) is looking for company sponsors for Student Chapter Meetings.
8. Kurt reported that we had won ASHRAE's Presidential Award of Excellence.
9. Mike Humphreys gave info on Fall Golf Tournament. It will be Thursday November 2<sup>nd</sup> @ Stonebridge. Mike also recognized Hole Sponsors from last year's tournament.
10. Kurt then gave a demonstration of our new website which Kurt and Mike Middleton will update on a monthly basis. Our address is [www.shreveportashrae.com](http://www.shreveportashrae.com). Our link to the Society web page is not working yet. Log on and check us out!
11. **Action Items** for next month:
  - Need Sponsor for Dec. bar at Christmas Party
  - Work on assistance for La Tech Undergraduate Senior Project (Carrier & Alliance)
  - Web site link to Society
12. Business meeting was adjourned and dinner was served.
13. Mike Middleton then gave an interesting presentation on everything you wanted to (or didn't want to) know about energy codes but were afraid to ask. Thanks Mike for a job well done!
14. The meeting adjourned at 8:20PM. (Great job Kurt)

A BACKWARD GLANCE

October 2000 is destined to be a very special month in the history of ASHRAE. This month marks the first time in seventeen years that a "Friday the Thirteenth" fell on the same day as a full moon (and a fine, big harvest moon it was for those that noticed". But more importantly and to the issue of what our industry is concerned about, it marks the completion of the CenturyTel Center in Bossier City, the largest entertainment venue that we have seen in our area in many years.

Rising high above the river on the east bank of the Red River, the \$60.5 million dollar facility promises to be one of the most important economic magnets that has opened in Bossier City since the casinos came to town in the mid 1990's. The building is south Bossier City's new anchor, offering visitors views of the river, two food courts, 12,400 fixed seats ((with room for 14,000 total seats), 4,500 parking spaces, and more restrooms that even code requires. It will give our area a nice new arena for concerts, sports teams, and other events that should provide a big boost to the areas economy.

The arena features an ice floor construction that uses a calcium chloride solution circulating through cooling polyethylene pipes to chill an 8" thick concrete slab, turning 1,440 cubic feet of water into a sheet of ice 86 feet wide, 201 feet long, and an inch thick in 24 hours. There is a vapor barrier laying on top of two 2" layers of high density rigid insulation board above a layer of sand. There is a heated sub floor that prevents any water that might drain into the sand below the slab from freezing.

Here are some other facts about the arena:

- 133,770 design team hours
- 3,000 square feet of roofing
- 12,600 cubic yards of concrete (over 1,800 truck loads)
- 535 piles driven 70 feet deep for support (65 foot columns, 5 feet in diameter)
- Approximately 21,000 square feet of windows
- Approximately 350 miles of electrical wiring
- About 3,500 light fixtures
- 324 plumbing fixtures
- Two holding cells
- One medical suite
- Six large men's bathrooms, six large women's bathrooms, six unisex toilets
- 16 VIP suites

This great building will be an engineering marvel that will be a part of our community for many years to come.

# ASHRAE GOLF TOURNAMENT 2000

THURSDAY NOVEMBER 2 12:00 NOON  
\$65 ENTRY FEE – BOX LUNCH INCLUDED (excluding drinks)  
SCRAMBLE FORMAT – SHOTGUN START



WE WILL BE ASKING FOR HOLE SPONSORS @ \$100/SPONSOR. ALL PROCEEDS WILL GO TO ASHRAE RESEARCH FUND (tax deductible)

1. Register individually or make your own foursome
2. Golf shirt and spikeless shoes required.
3. Please FAX this form back to 861-8481 or call Mike Humphreys @ 861-8463 to register
4. Fabulous prizes for First and Second Place Teams, Long Drive, and 2 Closest to Pin Holes

NAME

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

The officers, board of governors, and committee chairmen for 2000-2001 are listed below.  
Call with your ideas and suggestions.

*We encourage your support!*

OFFICERS

President	Kurt Lyles	865-1466
President Elect	Michael Middleton	221-8638
Secretary	Jeff Lutz	686-7588
Treasurer		

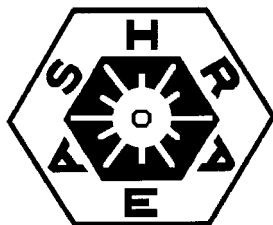
BOARD OF GOVERNORS

Thomas Sanders	865-5663 x469
Rusty Tucker	425-4500
Jeff Lutz	686-7588
Dan Cason	865-1466
Kurt Lyles	865-1466
Mike Middleton	221-8638

COMMITTEE CHAIRMEN

Membership	Rusty Tucker	425-4500	Research	Bill Thornton	868-3700
Chapter Programs	Mike Middleton	221-8638	Newsletter	John Gegg	865-1466
Historian	Dee Nooner	865-1466	Honors & Awards	Nancy Simonton	459-1643
TEGA/Refrigeration	Jim Bolian	949-2394	CRC Delegate	Kurt Lyles	865-1466
Student Activities	John Watts	221-8638	CRC Alternate	Michael Middleton	221-8638

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