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# FLUE PIPE

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

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**December 2004**

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## PRESIDENT'S MESSAGE

**W**e appreciate Mr. Ken Antee providing us with information regarding past, present and future projects involving the City. It seems to always be a challenging project when a convention center is going to be built and whether or not a hotel should be attached and whether they should be run privately or publicly. We appreciate Mr. Antee taking time to speak to our organization.

Our **Christmas Party** is set for next **Friday, December 17, 2004** at the CentryTel Arena. There will be a social hour that starts at 5:00 p.m. and the arena is gracious enough to let us in to watch the pre-game warm-ups. Unfortunately, if you have not already sent in your RSVP you will miss out on this years event.

We do look forward to having a great time and starting the new year off with a presentation from Mr. Charles Robinson on January 20, 2005. Please make plans to join us for a lunch meeting at Superior's Steak House as Mr. Robinson speaks about Health Care Issues.

I also wanted to wish everyone a Merry Christmas and a Happy New Year!!

**Jim Watts**  
President



**DATE:** Friday  
December 17, 2004

**PLACE:** CenturyTel Center  
2000 CenturyTel Center Dr  
Bossier City, Louisiana

**TIME:** 5:00 p.m. - Social  
7:05 p.m. - Game



**MERRY CHRISTMAS**

## TREASURER'S REPORT

## COMMITTEE REPORTS

Statement of Accounts	Oct 31, 2004	Oct 31, 2004
Certificate of Deposit (Heller)	\$ 6,500.00	\$ 6,500.00
Certificate of Deposit (Jordan)	\$ 7,000.00	\$ 7,000.00
Certificate of Deposit (Guth)	\$ 500.00	\$ 500.00
Savings Account	\$ 533.65	\$ 576.20
Checking Account	\$ 1,969.04	\$ 1,828.45
<b>Total Account Balance</b>	<b>\$ 16,502.69</b>	<b>\$ 16,404.65</b>

### Statement of Income

#### Income:

Dues	\$ 160.00
Meals	\$ 212.00
Golf Tourm.	\$ 150.00
ASHRAE Research	\$ 0.00
Misc.	\$ -
Other	\$ -
<b>Total:</b>	<b>\$ 522.00</b>

#### Expenses:

Bank Charges	\$ 0.00
Meeting/Meals	\$ 512.59
ASHRAE Research	\$ 0.00
Newsletter -Sept.	\$ 85.00
Web Site	\$ 65.00
Region VIII Dues.	\$ 261.00
<b>Total:</b>	<b>\$ 923.59</b>

**Net Income (Loss):** \$ (401.9)

**Interest Income from Savings and CD's in 2003** ..... \$218.07  
**Interest Income from Savings and CD's in 2004** ..... \$164.25

Submitted by Gary Patrick, Treasurer

## BOG Meeting Minutes

Date: December 2004

1. Jim Watts welcomed everyone to the meeting
2. Jim discussed all the details of the upcoming Christmas Party
3. Attendees to the Christmas Party will have to have tickets beforehand or they will not be able to get in to the CenturyTel Center
4. The next meeting will be January 20<sup>th</sup> at Superior Steakhouse and the speaker will be Charles Robinson of LSU Medical Center
5. Gary Patrick gave the Treasurer's Report
6. There is still money coming in from the Golf Tournament
7. Rick Fisher is working with the Student Chapter President to set up the remainder of the year's programs
8. Charlie Jones requested that anyone with leads on new members please contact him
9. Meeting was adjourned

## TEGA Topics

### HVAC Insulation Equation

As mechanical and energy code requirements multiply, and as building owners demand more comfort and energy efficiency, the long-standing dominance of sheet metal air distribution technology is giving way to a superior solution.

Fiber glass duct insulation has become the choice of professionals for heating, ventilating, and air-conditioning systems in industrial, commercial, and institutional buildings. The reasons are a matter of economics and comfort, since fiber glass duct insulation reduces energy usage, increases the system's effectiveness, and greatly improves a building's acoustical environment.

#### Energy Savings

When properly specified and correctly installed, fiber glass air handling insulations and ductboard products significantly contribute to complying with indoor environmental quality (IEQ) requirements, including energy performance.

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They deliver conditioned air closer to the design temperature, eliminating the need to extend heating or cooling cycles, and reducing fan requirements – thereby reducing energy costs.

New standards enacted this summer for state-owned buildings under the federal *Energy Policy Act (EPAct)* increase energy-efficiency requirements by about 6 percent over the previous standard, while applying the new standards in alterations and renovations increases total energy savings by as much as 50 percent. Fiber glass duct insulation has extremely low air leakage and is an excellent tool for complying with the new standards and reducing energy consumption.

#### Increased Comfort

A bare sheet metal duct carrying 55-degrees-F.-cooled air through an 80-degrees-F. plenum space can gain almost 10 degrees F. for every 100 feet it travels. In contrast, air carried the same distance through a duct lined or fabricated with just 1 inch of fiber glass insulation gains less than 2 degrees F.

#### Less Noise

Fiber glass duct insulation controls and reduces noise. Traditional sheet metal air ducts can transmit and even amplify sounds from the air handler or from occupants in other parts of the building. Fiber glass, however, dampens and absorbs sounds so that the indoor environment is easy on the ears. According to the Noise and Vibration Committee of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE): “Fiber glass duct systems insulation continues to be the most cost-effective solution to noise control in most HVAC air duct systems.”

#### Making the Right Choice

There are three broad categories of duct insulations available, providing a range of benefits. *External insulations*, including flexible duct wrap or rigid board insulation, are applied to the outside of the duct and serve as vapor retarders and thermal insulators. While they offer some improvement in efficiency, they have no impact on acoustical performance. *Fiber glass duct liners* are applied to the interior of duct surfaces during the duct fabrication process and provide excellent noise absorption characteristics and high thermal (R-value) performance.

*Fiber glass duct board* is made of rigid, high-density fiber glass with a tough aluminum exterior that combines thermal and acoustical insulation in a structural board package, completely eliminating the need for expensive sheet metal duct. Fiber glass duct board is taking over as the choice for builders who face the volatile cost of sheet metal. Installers prefer fiber glass duct board because it may be fabricated more quickly on-site. And, because duct board is readily available at stable prices, building owners can predict and control construction costs.

**Roger S. Stanley, D.E., P.E. & Kurt Lyles**

## A BACKWARD GLANCE

### Dee Nooner

Well, Ho, Ho, Ho, Merry Christmas to everyone. It's that time of year and a mighty fine time of the year it is.

History this month takes us on a rambling walk around the Texas Street and Ledbetter area of Shreveport. This is a particularly nice walk this time of year as it remind us not only of the way that Shreveport was, but as of the way it is destined to become. This is because we will look at the old, the new, and the emerging.

Lets start at the head of Texas Street where the First Methodist Church is located. This magnificent church has seen it all in it's time. It sits in what is arguably the best location in town and commands a wonderful view of downtown. From its front steps it is possible to look all the way to the Red River (Texas Street Bridge). At night, when the Christmas lights are on along Texas Street it is a sight to see. Just looking at the church (it's lofty white steeple is a city landmark) and its decorations and lighting is also breath taking.

From here, we go southwest toward the city police station, which is about a mile or so away. Very quickly we see (as we pass the new fire station) that the neighborhood, once full of commerce and thriving, is now deteriorating. We pass the storefronts of sad old buildings that once held jewelry stores, furniture stores, or other businesses. Many are now closed, many just shells, some are just lots. Echoes of the past, ghosts of what once was are all that remain. Not much to inspire pride here.

We soon come to Grand (Elvis Presley) Avenue. We look to our right and down the street we see the Municipal Auditorium where Elvis got started. But Elvis has left the building (and this is where that expression got started.) Not too many events are held there anymore, though there is an effort to turn that around. The ghosts of Hank Williams, Jim Reeves, Johnny Horton, and all wait on stage for the glory days to come back (and we all hope that they do.)

At the end of Grand, we can see Oakland Cemetery, always pretty, peaceful, an oasis for past souls.

Continuing our walk we reach Austin Place, where we see the Cooke House, the Christian-Hamel House, the Logan Mansion, and the Ogilvie-Weiner House. All bring to mind the wealth and prestige of the prominent families that once lived in them. Oh, what fine Christmas days they must have enjoyed there 100 years ago. But those times are gone.

On we go and soon come to the Antioch Baptist Church. Founded in 1866 this is home to the oldest African-American Baptist Congregation in Shreveport. This Romanesque Revival style building was completed in 1903 and it is also listed on the list of National Historic Places. (As you go past gospel music is coming from the windows, coming from the soul.)

Soon we come to a building with the faded letters “Acme Lock” on it's front. A surprisingly large building (longer more than wide and two story) we notice that the overhead door is open and that the owner is inside cooking Christmas turkeys. Why, it's our own Tom Monick getting ready to bring lots of cheer to all the good consultants and engineers! So this is where he cooks all of those birds!

This is where we stop as we are near the end of the street. Tom has asked us in to get out of the cold (maybe help a little) and we are glad to oblige.

Have a Merry Christmas, walk around Shreveport-Bossier (and elsewhere), because history is all around us just waiting for us to pass by, even if only for a little while.

The officers, board of governors, and committee chairmen for 2003-2004 are listed below.  
Call with your ideas and suggestions.

*We encourage your support!*

OFFICERS

President	Jim Watts	869-3262
President Elect	Elmer Tingler	797-5006
Secretary	Nathan Wilemon	634-1934
Treasurer	Gary Patrick	671-0015

BOARD OF GOVERNORS

Thomas Sanders	425-4500
Gary Patrick	221-3549
Dan Cason	865-1466
Mike Middleton	221-8638

COMMITTEE CHAIRMEN

Membership	Charles Jones	221-8638	Resource	Kurt Lyles	865-1466
Chapter Programs	Elmer Tingler	797-5006	Newsletter	John Gegg	865-1466
Historian	Dee Nooner	865-1466	Honors & Awards	Nancy Simonton	
TEGA/Refrigeration	Roger Stanley	865-1466	CRC Delegate	TBA	
Student Activities	Rick Fisher	869-3262	CRC Alternate	TBA	

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