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# ***THE ARKANSAS HVAC/R NEWSLETTER***

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April 2008 Issue

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## **FREE !! FREE!! FREE!!**

The Arkansas Public Service Commission (PSC) called for utilities to take actions jointly with the Arkansas Economic Development Commission – Energy Office (AEO) to design, construct, and fund a statewide education program that has a consistent message promoting the efficient use of electricity and natural gas”.

Pursuant to this action, a new collaborative was formed by all the regulated investor owned gas and electric utilities and the electric cooperatives. The collaborative has been established and designated **ENERGY EFFICIENCY ARKANSAS (EEA)** as the name to be used to identify and communicate fuel neutral, cost effective energy efficiency information and programs.

The Arkansas Energy Office will have the responsibility of administering the new EEA statewide education programs, in particular, preparing the marketplace for deployment of energy efficient equipment and services through delivery of information, training, and certification. A major component of the outreach education is to provide **Class A and B, HVACR** contractors, with The Air Conditioning Contractors of America (ACCA) Manual J (load sizing calculations) and duct sealing training. These **HVAC, ACCA Manual J** (8<sup>th</sup> edition), and duct sealing training workshops will be offered to all Arkansas licensed **HVACR** contractors and will continue through December 31, 2009.

A series of six (6) three (3) day workshops will be held throughout Arkansas; this will provide opportunities to all licensees in areas/regions of the state. Future workshops will be held in early fall of 2008 (September, October, and November) and early 2009 (February, March, and April). Though this three (3) day training would normally cost the contractor **\$600.00 - \$800.00**, the **EEA is providing this training at no cost.**

**Those who complete the course will receive a Certificate of Completion and NATE Credits.**

The first training workshop is scheduled for May 12<sup>th</sup>, 13<sup>th</sup>, and 14<sup>th</sup> at the Arkansas Electric Cooperatives Corporation headquarters in Little Rock. Class size is limited to 25 on a first come first serve basis. The Energy Office will be sending out a notice to all **Class A and B** contractors in central Arkansas in the near future. If you would like to “pre-register” for the May 12<sup>th</sup>, 13<sup>th</sup>, and 14<sup>th</sup> workshop, please contact Susan Recken, Arkansas Energy Office, 501-682-7334.

### **The following materials are provided:**

1. Manual J Load Calculation Manual,.
2. Essential Elements Workbook.
3. Right-suite Universal Demo Software, Manuals S, D, and T.

**Prerequisites** – Students will be expected to understand the basics of Microsoft Windows.

### **Attendees must bring the following to class:**

1. A laptop computer with Microsoft Windows 2000, XP, or Vista operating system. See note!
2. Laptop must have CD drive to load demo software.



3. Network password-protected computers must be unlocked to accept demo software.
4. A comfortable, user-friendly computer mouse.
5. Four - function calculator.

**Note:** For those who do not have a laptop, but meets the prerequisites, the Energy Office will attempt to assist in providing a loaner for the class.

### Top Ten Violations Remain the Same

We still had the same top ten code violations in 2007 as we had in 1998. Have we not made any progress in the last nine years? The answer is, yes, we have. You have to remember that we are dealing mostly with unlicensed people who never attend a code class and for sure don't own a code book. There were thirty-two (32) Board actions this past year, twenty-five (25) of those did not have an **HVACR** license, of the remaining seven (7), five (5) signed consent orders, one (1) was cancelled, and one (1) had his license revoked.

#### **THE TOP TEN ARE:**

1. **17-33-301** – Failure to have the appropriate license to do HVACR work.
2. **102.6** – Requirements not covered by the code. This section can be used to deal with issues that are not specifically covered by the code.
3. **304.1** – Failure to install equipment to the mfg. installations instructions.
4. **307.2.3** – Failure to install auxiliary drain pans and secondary drain lines.
5. **603.6** – Failure to install flexible duct to its' listing.
6. **603.9** – Failure to seal joints, seams, and connections.
7. **603.10** – Failure to properly support ducts.
8. **603.14** – Failure to provide four (4) inch clearance between the duct and the ground.
9. **604** – Failure to insulate ducts (floor and attic boots) in unconditioned spaces.

10. **1107.3** – Failure to properly insulate refrigerant lines.

**Please give this list to your employees. Train your employees to address these issues before they call for an inspection and maybe, just maybe, we can change the top ten (10) list for 2008.**

### January – March, 2008 Hearing

<u>Name</u>	<u>License</u>	<u>City</u>	<u>Fine</u>
Paul Gant	No	Warren	\$5,250.00
Joshua Reed	No	White Hall	\$1,000.00
Eddie Johnson	No	El Dorado	\$1,250.00
Michael Wilk	No	Pine Bluff	\$ 750.00
Robert Bull	Yes	Mel Bourne, FL	\$1,000.00
James Harris	Revoked	Lonoke	\$1,750.00

### DID YOU KNOW???

On January 1<sup>st</sup>, 2010 the phase-out of R22 begins. Production of R22 will be reduced by 65% in 2010; a 90% reduction comes in 2015 and on January 1<sup>st</sup>, 2020 all production of R22 ends. Equipment using R22 will not be manufactured after 2010. Don't panic, there will be drop-ins available, just like there was for R12.

### New Central Office Staff

Russell Duncan, from Romance, AR, was recently hired to fill the position of HVACR Inspector Supervisor. Russell brings a lot of experience with him and we feel fortunate to have him. This position has been vacant for over two (2) years and he has his work cut out for him. He will be assisting the Director and supervising the Field Staff. Please join us in welcoming Russell aboard. He may be reached at 501-661-2642

### Do you have something to say???

If you would like to offer comments, suggestions, or ideas for articles, please let us know. **Arkansas Dept of Health 4815 W. Markham St. Slot 24, Little Rock, AR 72205 or call 501.661.2642.**