



The PENNANT

Newsletter of the
ASHRAE® Central Pennsylvania Chapter
www.ashraecenpenn.org

Volume 4, Number 2, October 2005

President's Message...



Dear Members,

Thank you all for your support last month at our meeting held in York. If you were not there then you missed a very informative session on compressor technology. Thank you, Mr. Joseph Brillhart, from York International for your time and knowledge!

Sensible and total energy recovery is a design practice that is being implemented in almost all comfort conditioning applications these days.

Are you up to speed on this topic?

Our October meeting will be located at the Holiday Inn, New Cumberland PA and will outline many aspects of this topic that impact your every day.

We also are pleased to recognize those people who provided special donations to our society.

You have spoken and we are listening to you. Our programs and education committee has been focused on providing meeting and seminars that you want. Please review the upcoming events on the next pages.

We are now distributing the 2005/2006 Central PA Manufactures directory. This is being forwarded to all companies that listed and to all of our local members. Our directory has a vast listing of local vendors and we have also introduced a section for mechanical contractors.

If you want to purchase a directory, please contact any of our officers for assistance.

Thanks to all that supported this directory!

We look forward to seeing all of you this month in New Cumberland and thank you once again for your continual support.

Respectfully,

Glenn DiEsposti
President
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Meeting Agenda

Wednesday, October 12, 2005

5:00 – 6:00 Social Hour
6:00 – 8:15 Dinner, Presentation

Topic: Energy Recovery Systems

- Types of heat recovery devices (wheels, plates, run around, heat pipes, heat pumps, etc.)
- Code requirements
- Economics-when is heat recovery a great idea or not
- Applications for different types of heat recovery devices (air handling units, rooftop units, exhaust/make-up air systems, waste heat)
- Where is the heat recovery industry headed?

Mike Herwald

Mike Herwald, Regional Sales Manager for Des Champs Technologies located in Natural Bridge Virginia, has eleven years of experience promoting and designing heat recovery systems, outside air units, and dehumidifiers. These systems include sensible only energy recovery and total energy recovery devices of all kinds. Mike holds a degree in manufacturing engineering from East Tennessee State University.

Holiday Inn Hotel and Convention Center
Interstate 83 & PA Turnpike
New Cumberland, PA
Phone # 717-774-2721

Reservations:

Deadline: Monday October 10th at 1:00 p.m. PLEASE!

Program Cost: \$ 30.00 Retired/Students: \$ 5.00

To make reservations, email Penny Ness at:
penny.ness@york.com

Put "ASHRAE Reservation" in the title of the email.
Multiple reservations may be made in one email if names are given.

Please provide:

Your Name: Company: Phone: Sessions: ASHRAE Member or Student Member

Note to all Chapter Officers and Committee Chairs: Chapter Officers, Board Members and Committee Chairs have standing reservations. If you do not RSVP by the deadline, you will be billed for the fun time you missed.

Directions:

From Harrisburg:

83 South to Limekiln Road Exit

From Lancaster:

283 West to Pa Turnpike
Pa Turnpike West one exit (HBG east)
North 83 to Limekiln Road Exit

From York:

83 North Limekiln Road Exit

ASHRAE of Central Pennsylvania Schedule of Events

DATE	EVENT	TOPIC/DESCRIPTION
September 14, 2005	Elks Lodge	Compressor Technology
October 12, 2005	Holiday Inn – New Cumberland	Energy Recovery Donor Appreciation Night
November 9, 2005*	Holiday Inn – New Cumberland	Specification Writing Research Promotion Night
December 7, 2005	Appalachian Brewing Company Harrisburg	Terry Townsend, ASHRAE President-Elect will discuss the future of ASHRAE Past Presidents Night
January 12, 2006*	Tour	Masonic Homes co-gen plant – tentative Research Promotion Night
February 9, 2006	Holiday Inn – New Cumberland	Document Management and Discovery – How Documents and E- mails are Used in Litigation ASHRAE Distinguished Lecturer Chris McDonald, Esquire Membership Night
March 9, 2006*	Holiday Inn – New Cumberland	Capitol Complex Chiller Plant Design Refrigeration Night
April 19, 2006	Appalachian Brewing Company Harrisburg	Student Night
May 12, 2006	Senator's or Barnstomer's Ballgame - TBD	Family Night
July 2006	ASHRAE Golf Outing	Heritage Golf Course York, PA

*PDS's topics include ASHRAE 62.1, air filtration and a presentation by the Little Red Schoolhouse from Bell & Gossett pumps. Times, location and topics to be determined

Bulletin Board

Please take a few minutes to review this information

The official webpage for the ASHRAE "Sustainability and the Building Environment" Satellite Broadcast/Webcast (scheduled for April 19, 2006) is available at <http://www.ashrae.org/greenbuildingsbroadcast>. The webpage features information regarding the broadcast presenters and moderator, Frequently Asked Questions, on-line registration dates, the tentative broadcast agenda, and ASHRAE "Green" publications, courses, and Distinguished Lecturers.

Sustainability Topic of ASHRAE Satellite Broadcast

ATLANTA – A satellite broadcast is being offered by ASHRAE to fulfill its goal of promoting building sustainability as a means to provide a safe, healthy, comfortable environment while simultaneously limiting the impact on the Earth's natural resources.

Information about building sustainability principles, practices and emerging concepts will be presented in the free April 19, 2006, satellite broadcast and Webcast, Sustainability and the Building Environment. The program is sponsored by ASHRAE's Chapter Technology Transfer Committee (CTTC).

"This broadcast will benefit all of the team members involved in the design, construction, start-up, and operation phases of a facility," said Jon Christopher Larry, chair of CTTC. "Viewers will be given information and sources to assist them when they are faced with the situation where a green design must be done. The green building industry will also benefit from the engineering input from ASHRAE."

The speakers for the broadcast will provide guidance on how to practice green building design. They are: Joe Van Belleghem, president, BuildGreen Developments, Victoria, Canada; Hal Levin, Fellow ASHRAE, research architect, Building Ecology Research Group, Santa Cruz, Calif.; Jean Lupinacci, director, ENERGY STAR commercial and industrial branch, Climate Protection Partnerships Division, U.S. Environmental Protection Agency;

Kevin Hydes, P.E., P.Eng., president and CEO, Keen Engineering, Montreal, Canada; and Malcolm Lewis, Ph.D., P.E., president, CTG Energetics, Irvine, Calif.

The broadcast will be similar to the April 2005 Mold in the Building Environment Broadcast/Webcast viewed by some 16,000 viewers at 1,700 locations.

Visit www.ashrae.org/greenbuildingsbroadcast for the latest information regarding the broadcast/Webcast and ASHRAE's work on sustainability.

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.

Planning on taking the Fundamentals of Engineering or Professional Engineering Exam in April 2006?

Penn State Harrisburg is offering the Fundamentals of Engineering and the Civil/Sanitary/Structural, Environmental and Electrical Professional Engineering Review **courses starting in the fall 2005**.

They are taught by engineering faculty as well as professional engineers working in the field and prepare you to take the exam by practicing problem solutions, minimizing test anxiety and establishing built-in study time.

According to the National Council of Examiners for Engineering and Surveying, licensure is a sign of commitment to your profession. Obtaining a professional license enhances your potential for salary increases and promotions, leads to a wider range of career opportunities, and a higher level of respect and credibility among your engineering peers.

For additional information contact:

Brenda L. Firestone

Penn State Harrisburg

717-948-6538, blf3@psu.edu

or visit the website <http://www.hbg.psu.edu/ce/noncredit/profengrev.shtml>

Professional Engineering Examination Review – Mechanical Discipline

Designed for the practicing engineer who plans to take the Professional Engineering Examination necessary to become registered as a professional in the Commonwealth of Pennsylvania, the program reviews pertinent phases of engineering covered by the new exam, including fundamental engineering economics. This proven course, offered for 16 years, emphasizes the development of problem-solving skills and theory review, and questions from past exams are carefully studied.

The new curriculum reflects the changes to the PE Exam format: all multiple choice, no essay; 80 questions, 40 in the AM and 40 in the PM; morning topic is engineering fundamentals; and afternoon topic is choice of one from: HVAC and Refrigeration, Machine Design, or Thermal and Fluid Systems.

Attendees are responsible for applying to the commonwealth for the PE Exam. For the April 22, 2006, PE exam, file applications (including references) before December 1, 2005 with:

Pennsylvania State Registration Board for Professional Engineers, Land Surveyors, and Geologists
PO Box 2649, Harrisburg, PA 17105-2649

For course applications & further information, please contact those below or see <http://sections.asme.org/susquehanna/>:

Mike Grandia, PE
717-269-0011
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Central PA Chapter CRC AWARDS:

PAOE

History & RP ribbons for level 3 performance (PAR)

Resource Promotion

Full Circle
Silver level contribution award
Goalbuster performance

Refrigeration

Iceman Award

Announcements

<i>Promotions</i>
<i>New Employees</i>
<i>New Members</i>
<i>Weddings/Births/Deaths</i>
<i>Anniversaries</i>
<i>Misc.</i>

*Put it in the Pennant -- Send your announcements to
ezanolini@ashraecenpenn.org*