



Triple Point

Johnstown Chapter of the American Society of Heating, Refrigerating and Air-Conditioning Engineers

November

2006

Volume 1, Issue II

The next Meeting is Wednesday November 15, 2006

“The Power of Insulation”



Jack Hartzell, Sr. of General Insulation Services, Inc. will be presenting.

G.I.S., Inc. is a Pennsylvania corporation established in March 1977. G.I.S. is a professional thermal and acoustical insulation distributor and fabricator. G.I.S. services all segments of the

industrial and commercial markets from minus 450°F thru 3000°F. The specific emphasis is on divisions 22 and 23 and division 7.

GIS Inc. is a member of the National Insulation Association (NIA) along with being an associate member of the following: ASHRAE, ASPE, SMACNA, AFE and the Hospital Engineers of Southwestern Pa.

The presentation on November 15th will be an Insulation Industry update.

The Cottage Restaurant & Inn
4554 Admiral Peary Hwy
Ebensburg, PA 15931
814-472-8002
Cambria Room at Lower Level

RSVP:
by Noon, Friday, Nov. 10, 2006
to Chris Albright
chrisgalbright@yahoo.com
\$20 per person

5:00-6:00: Social Hour
6:00-6:50: Dinner
6:50-7:00: Attendance, Intro
& Business Meeting
7:00-8:00: Main Program

Directions: Attached to Newsletter

Food: Medallions of Beef w/ Mushroom Sauce, Oven Baked Chicken, Seafood Au Gratin Medley of Broccoli, Cauliflower, Carrots, Green Beans W/Roasted Red peppers, Oven roasted Red Potatoes Coleslaw, fruit and garden salad, beverages

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“Presidents Message”

Thanks to Pete Spinelli and A.J. Kindya for presenting "A Case Study on Retrocommissioning" at our October meeting. The meeting was well attended and generated good discussion. This month will be a joint meeting with ASPE on insulation. I hope you can make it. Please see the front of the newsletter for details.

This month's meeting will have a Young Engineers in ASHRAE (YEA) theme. YEA is a relatively new group that is focused on giving young (age 30 or younger) ASHRAE members different kinds of support. If you are an eligible member, please consider joining. Please also extend the invitation out to any co-workers in your office that may be eligible. The organization publishes a quarterly newsletter and also plans functions at the annual and winter society meetings. To join or learn more please visit <http://www.ashrae.org/members/page/861>.

See you at the meetings!

John Weiland



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2006-2007 ASHRAE Program Calendar

No.	Meeting Date	Theme / Events	Topic	Speaker	Joint Meeting With
1	October 10, 2006	Lamp of Knowledge Recognition Membership Promo.	Retrocommissioning	Pete Spinelli & Andrew Kindya	GBA
2	November 15, 2006	Young Engineer's Association Student Night	Insulation Products	Jack Hartzell (GIS Insulation)	ASPE
4	December 12, 2007	Donor Recognition Night	Variable Refrigerant Flow	Dave Heckler	N/A
3	January 9, 2006	Research Promotion	Variable Primary CHW Systems	Dr. Bill Bahnfleth	N/A
5	February 13, 2007	Scholarships & Student Night Young Engineer's Association	TBD (By PSPE)	To Be Determined	PSPE
6	March 13, 2007	Membership Promo.	Global Warming & Energy Conservation	Jim Wolfe	N/A
7	April 10, 2007	AIA Joint Meeting	TBD (By AIA)	To Be Determined	
8	May	Johnstown Riverhawks	Bedford Springs???		

Did you Know?

The ASHRAE Handbook of Fundamentals has a whole chapter dedicated to insulation. Chapter 26, check it out!

October Meeting Summary Report

Last month, we had another great presentation at Anthony's Restaurant in Johnstown. The presentation, given by Pete Spinelli of Concurrent Technologies Corporation and Andrew Kindya of H.F. Lenz company, began with Andrew's outlining of the commissioning process for new and existing buildings and the steps of the Cx process. He then went on to compare the differences between RetroCx, Re-Cx and Continuous Cx. Pete then presented a particular case study of a retrocommissioning project that he has recently completed. His focus was on a practical approach to developing and accomplishing a Commissioning Project Plan with readily available information and software applications.



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The First Contest of the year!

The name the newsletter contest was a mild success. We did receive a few suggestions. So the newsletter name is (drum roll please!):

Triple Point!

A Message of Thanks

ASHRAE and the Johnstown Chapter wish to thank the following for their support of ASHRAE Research Promotion during the 2006-2007 campaign, it is deeply appreciated:

Paul Petrilli, P.E	\$82.50
Barry Rains	\$250.00
Total	\$332.50

If you would like to make a donation or to find out more about ASHRAE research, please visit the ASHRAE website or the Chapter website. You can also contact Barry Rains, Johnstown Chapter Research Chair. Contact information and site web page addresses are included in the newsletter. Thank you for your consideration.

Thank you,
Barry Rains, Research Promotion Chair.

News From Around the Industry

Access Door Addendum Proposed for ASHRAE BACnet Standard

ATLANTA – An addendum that would extend BACnet to support access control systems is being proposed by ASHRAE.

ANSI/ASHRAE Standard 135-2004, BACnet -- A Data Communication Protocol for Building Automation and Control Networks, is the only open, consensus-developed standard in the building controls industry.

Proposed addendum f to Standard 135 establishes a standard BACnet object, which represents a door operated as part of an access control system. It presents information and alarms about the door such as its status (open or closed, door open too long, door forced open), and provides means for controlling the door (lock, unlock, etc.), according to Bill Swan, chair of ASHRAE's BACnet committee.

This object is the first access control work item to come out of the BACnet committee's Life-Safety and Security Working Group. The group is working to develop full support for access control in BACnet, with more extensions to BACnet to follow. The group is working closely with the Security Industry Association to develop common data models and methods for access control systems.

The proposed addendum will be open for public review until Nov. 6. To review the proposed addendum or to comment, visit www.ashrae.org/publicreviews.

HVAC Challenge

Answer to last week questions is:

4.29 in. w.g.

This weeks Question:

What is a process called when no heat or other energy crosses the system boundary?

- A. Constant Pressure
- B. Constant Volume
- X. Adiabatic Process
- Δ. Polytropic Process

Answer: In next months Newsletter



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News From Around the Industry, Cont.

By now you have received information on the upcoming satellite broadcast entitled "Multiple Benefits Solutions for Enhanced Building Security" scheduled for November 14th. This is a great opportunity for your members, and potential future members, to learn about a number of strategies to improve building security while also increasing energy efficiency, improving indoor air quality and perhaps realize other benefits as well. I am requesting that you publicize the event among your members and professional community. Please visit the following website for more details; information on PDHs, a promotional flyer, etc: www.ashrae.org/homelandsecuritybroadcast2 .
Thanks very much and let me know if you have any questions,

Andy Persily

Chair, ASHRAE Building Safety and Security Committee

Directions to Meeting

