



Triple Point

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

May

2007

Volume I, Issue VIII

The next Meeting is Tuesday May 15, 2007

Tour!

RSVP:
by Friday May 11 to
chrisgalbright@yahoo.com

\$20 per person

5:30: Tour
Dinner to follow tour

Conemaugh Hospital

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“Presidents Message”

I would like to thank Dave Reasinger and the Middle PA chapter of AIA for organizing the April meeting on the subject of mold. The topic generated good discussion among those present.

This month's meeting will be the last meeting until we reconvene in the Fall. We will be touring Conemaugh Hospital's new Central Energy Plant. The chilled water system is a variable primary system which was the topic of January's meeting, so now is your chance to see one up close! Following the tour, we will be enjoying dinner catered by the hospital. I would like to thank Bill Gregory and Jim Devine of Conemaugh Hospital and David Bacci of H.F. Lenz for organizing the tour.

Don't forget that our golf outing is Thursday, July 19th. See the attached flyer for more details. Last, but certainly not least, I would thank the officers and committee members that made this year successful. The Johnstown chapter continues to do well despite our small size.

See you at the meetings!

John Weiland

Directions & Important Meeting Info

From Rt. 219 take the PA-56 W / Johnstown Expressway exit. Take the Bedford St. Exit. Turn slight right onto Bedford Street. Turn left onto PA-271 (Haynes St.). Turn left onto PA-403 (Franklin St.). Turn left onto PA-403 (Valley Pike).

Park in the Good Samaritan Parking Garage right off of Valley Pike. (There is a maximum height in garage for those who have a high vehicle.) From the garage, walk up Franklin St. to the intersection of Franklin and Osborne St. Turn right onto Osborne St. and walk up the hill. Continue up Osborne until you see the Central Energy Plant (CEP) on the right side behind the main Good Sam buildings. The CEP can easily be seen from Osborne St. It is the building with the split face block on the side and cooling towers in back.

We will meet in front of the CEP by the garage doors and begin the tour at approximately 5:30 pm.

Appetizers

Garlic Herb Shrimp Cocktail
Lump Crabmeat Stuffed Mushrooms

Desserts

Fresh Berry Shortcake
Tuxedo Cheesecake

Entrees

Carved Strip Loin with Rosemary Garlic Jus
Grilled Salmon Fillet with Pineapple Mango Salsa

Veggies

Fresh Broccoli and Cauliflower
Roasted Red Potatoes



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HVAC Challenge

Answer to last week questions is:

There was no question!

This weeks Question:

What Gas Law states, "When a gas is compressed, temperature is raised."

A) Greggs Law

B) Johns Law

C) Charles Law

D) Tim's Law

E) Chris's Law

Hint:

This is a specific case of the Ideal Gas Law.

Bonus: What year (approx) was this discovered?

Ok, Since you can't wait till next year, here is the answer:

C) Charles Law

At constant pressure, the volume of a given mass of an ideal gas increases or decreases by the same factor as its temperature (in kelvin) increases or decreases.

$$\frac{V}{T} = k$$

1787! Wow, Go Charles!

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, 2006	Research Promotion	Variable Refrigerant Flow	Dave Heckler	N/A
3	January 9, 2007	Donor Recognition Night	Variable Primary CHW Systems	Dr. Bill Bahnfleth	N/A
5	February 22, 2007	Scholarships & Student Night Young Engineer's Association	Mathematics with Oil and Gas Management	James Kline	PSPE
6	March 20, 2007	Membership Promo.	Global Warming & Energy Conservation	Victor Goldschmidt	ASPE
7	April 18, 2007	AIA Joint Meeting	TBD (By AIA)	To Be Determined	
8	May	Conemaugh Hospital CUP Tour	Pumps, Chillers, boilers, etc	N/A	N/A
9	July 19, 2007	Golf Outing	Golf	N/A	N/A

April's Meeting Summary Report

Last month, we had another great joint meeting with AIA at Marzoni's in Duncansville. The meeting's presenter, from ALC Environmental, focused on mold awareness. The members of ASHRAE and AIA acquired useful knowledge for dealing with mold problems and mold liability as these issues have become an increasing concern for builders, designers, managers, and superintendents. Among the specific topics addressed were:

The Science of Mold

Recognizing 3 Reasons Why and How Moisture and Mold Problems Occur

Methods to Manage Moisture and Mold Problems Throughout the Building Process

Investigating How Mold Problems are Typically Resolved

Overall, the meeting went even beyond the basic science of mold and focused on how to prevent mold from occurring. In essence, the speaker addressed the source of the problem.

FYI

August 9-11: ASHRAE CRC Region III - Virginia Beach

All members are encouraged to attend. On Saturday, the region is offering a free Dale Carnegie Leadership Workshop.



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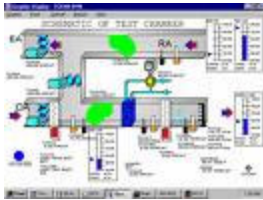
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ASHRAE Officers & Chairpersons Contact Info



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2007 Johnstown Chapter
 ASHRAE Golf Outing
 Thursday, July 19, 2007
 Champion Lakes Golf Course

Route 711 – New Florence, PA

Check in will be from 11:30 a.m. to 12:30 p.m. You will be able to purchase lunch (hot dogs, etc.) at the snack shack or bar. Please be at your cart by 12:45 p.m. for any last-minute instructions by the golf course staff. **A shotgun start is scheduled for 1:00 p.m.** The format is a four-person scramble. The event will be held, **RAIN or SHINE**. In the event that the weather prohibits, the dinner and prize drawings will be held, and rain checks will be issued for use on the date of your choice.

**Please consider sponsoring a hole even if your company is not sponsoring a foursome.
 Thank you in advance.**

Name: _____ Tel: _____
 Company: _____ Fax: _____
 Address: _____ Email: _____

Sponsor a Hole - \$50.00 _____ \$ _____

Join in Golf - \$100.00 _____ \$ _____

(Guests are \$100.00 each)

Guest: _____ \$ _____

Guest: _____ \$ _____

Guest: _____ \$ _____

Total Amount Enclosed: _____ \$ _____

Please make checks payable to the **Johnstown Chapter ASHRAE**, and forward to:
 Scott Mack - H.F. Lenz Company - 1407 Scalp Avenue - Johnstown, PA 15904
 Telephone: (814) 269-9415 - Fax: (814) 269-9301

Please have Hole Sponsorships in by Thursday, July 5th.

To assure your golf reservations please respond by Tuesday, July 10, 2007