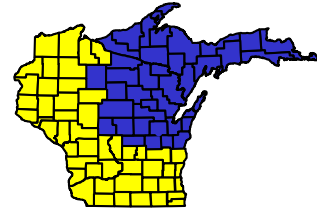




Northeast Wisconsin Chapter #107 March 2011



Chapter BOG Officers

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History Chair

Membership Promotion

Joe Dettlaff

Research Promotion

Tilak Andhole

Student Activities

TEGA

Dale Pearson

Refrigeration

Dave Schaefer

Homepage Editor

Gordy Jacobs

Other BOG

Steve Marthaler

David Carter

Matt Veriha

Tina Brueckner

***Note; You do not need to be a BOG member to participate as a chapter committee chair

President's Message

Last month's Chapter meeting was held at Liberty Hall in Kimberly, WI. I would like to thank Dan Cannon and Hans Van Lith from Balco Balancing, Inc. for a very informative presentation on Testing and Balancing. They had a great display table in the front of the room that showcased the tools of the trade. They also gave some very informative and practical advice on how to properly balance various systems. Thank you to all who participated.

Our March meeting, held at the Swan Club in DePere, will discuss Predictive Maintenance with regard to vibration analysis of HVAC equipment. John Kuchler from Johnson Controls will be the presenter.

The NE Wisconsin Chapter website is being continually updated and contains important information for the upcoming CRC. <http://www.newwisconsinashrae.org/>

Please make plans to attend the NE Wisconsin ASHRAE CRC April 14, 15, and 16 in Green Bay. We have some excellent speakers lined up as well as some great entertainment and food. The CRC is an excellent opportunity to hone your engineering skills, interact with other industry members, and have some fun as well. Please consider donating to the event to support ASHRAE and receive recognition for your business as well. A list of current sponsors is included in the newsletter.

John Schuh
President, NE W ASHRAE Chapter



March Meeting

March Meeting Topic:

Predictive Maintenance –

Equipment Vibration Analysis

Presenter:

John Kuchler

Date: *Tuesday March 8th, 2011*

Time: *11:30 a.m. – 1:00 p.m.*

Registration begins at 11:15 a.m. and we will have the presentation starting at 11:30, with lunch and a business meeting after the presentation.

Location: ***Swan Club at Legends***
875 Heritage Rd
Deperre, WI 54115

Cost: ***\$15.00 for Members and Non Members***
Students free

RSVP REQUIRED:

Please RSVP by using on-line registration at newisconsinashrae.org or to Ryan Macario to attend.

Email: Ryan.J.Macario@jci.com

Presenter:

John Kuchler

John's talk focus on predictive diagnostics, applications (fan/pump and chillers), and how to use the information received from the analysis.

Presenter Bio:

-25 years of experience in running Predictive Maintenance programs

-Certified Category 3 Vibration Analyst with the Vibration Institute.

-Certified Level 1 Machinery Lubrication Technician with the International Council for Machinery Lubrication

-20 year at Johnson Controls with experience analyzing and integrating vibration, oil, refrigerant and motor current data on centrifugal and screw type chillers.

-Specializes in using statistics to analyze data to establish meaningful alarm parameters and develop standards around work process that produce repeatable results regardless of equipment location.

-Currently heads the Central International Predictive maintenance program that support predictive and chiller diagnostic services worldwide. The group interfaces with many of Johnson Controls largest accounts analyzing data, generating reports, and assisting them in equipment repairs decisions. CIP also maintain the largest predictive database in the world on large tonnage centrifugal and screw type chillers that contain over 12,000 unique chillers and ten of thousands of other types of HVAC and industrial machines.



March Meeting Agenda:

- Presentation – Predictive Maintenance
- Lunch
- Business Meeting
 1. Introductions
 2. Chapter Business
 - a. Chapter Activities
 - b. CRC
 - c. Future Meeting Plans
 3. Treasurer's Report
 4. Adjournment

CRC updates and information

*******Please note this new section in the newsletter dedicated to CRC information*******

Touchdown (\$1,000 or above)

Energy Control & Design
JF Ahern
Johnson Controls
Renewaire
Tweet Garot Mechanical
Vyron
Wisconsin Chapter - ASHRAE

Field Goal (\$500 or above)

Andhole Engineering LLC
Berners Schobers Associates
Greenheck
JMB & Associates
Masters Building Solutions
Mcquay International

Two Point Conversion (\$250 or above)

Access Inc.
Bassett Mechanical

Extra Point Level (\$100 or above)



February General Meeting

- Location – Liberty Hall; Kimberly, WI
- Start – 11:30 am
- Topic: Testing and Balancing
- Speaker –Dan Cannon and Hans Van Lith – Balco Balancing, Inc.
Dan and Hans set up a display table in the front of the room that showcased the tools of the trade. They went over the history of system balancing and explained how it evolved to where it was today. The presenters also gave some very informative and practical advice on how to properly balance various systems.
- Technical presentation ended at 12:30
- Lunch from 12:30 to 1 pm
- NE Wisconsin Ashrae Chapter Business Meeting starting at 1 PM conducted by John Schuh.
 - We discussed needing a treasurer for next year and for members to consider volunteering
 - We made a call for volunteers for the CRC....a volunteer sign up sheet was sent around
 - John Schuh read the current list of CRC sponsors and thanked them.
- Treasurer’s Report as of February 8
 - CRC account: 11,129.16 (\$8,785.78 in deposits and \$656.62 in expenses)
 - Checking Account: \$15,559.63 (\$1,070.00 in deposits and \$548.96.00 in expenses)
- We held a short BOG meeting after the general meeting to perform CRC planning activities.

Become an ASHRAE volunteer

Volunteering within ASHRAE provides you with a single resource for keeping up with technical advances in the industry. By volunteering, you gain direct access to new technology, technical information available that is universally recognized as authoritative and reliable and you influence the direction of HVAC&R technology.

Volunteering also provides unique opportunities to develop communication, management and leadership skills. Because ASHRAE is a volunteer-driven organization, you cannot turn to a better source for human resource development. ASHRAE offers countless opportunities for developing potential through volunteer work on a committee or at the chapter level. Benefits of volunteering include:

- Strengthening leadership skills
- Improving technical skills and the ability to work on technical issues
- Networking
- Accessibility to resources
- Self-development and sharing of ideas

How strong is the ASHRAE volunteer network? ASHRAE has a membership of some 50,000 people from 137 countries around the world. Of those members, approximately 7,500 are active volunteers. About 2,500 Society-level volunteers serve on the Board of Directors, councils, standing committees, technical committees, standard project committees, etc., and an additional 5,000 or so serve in the regional and chapter structures. Assuming (conservatively) that each volunteer contributes an average of two hours a week, that would be 100 hours a year. Then, of course, 100 hours a year times the 7,500 volunteers gives us 750,000 person hours a year volunteer time. At a time value of \$100 per hour, that’s an annual value of \$75 million.

Clearly, ASHRAE depends on its volunteers for its continued success in advancing HVAC&R to serve humanity and promote a sustainable world.



Volunteer for your Chapter

With more than [170 chapters](#) around the world, volunteering at the chapter level is one of the easiest ways to take part in ASHRAE. Volunteering at the chapter level helps you develop a better understanding of how the Society functions and how to receive the most benefit from your membership while contributing to the growth of ASHRAE. For more information on how to volunteer at the chapter level, contact Steve Marthaler at 920-739-6885, or any Chapter Officer.

RSVP

Equipment Vibration Analysis

To finalize meeting arrangements and lunch we need your RSVP by 12:00 (noon) on Friday, March 4th, 2011.

Please register via e-mail to Ryan.J.Macario@jci.com. Or online at www.newwisconsinashrae.org However, you can fax if necessary.

Use the response form below if you wish.

Fax Response Form To:

Ryan Macario
Johnson Controls
Tel: 920-831-3821
Fax: 920-831-3801

Will attend the Predictive Maintenance presentation

Name: _____

Company: _____

Number Attending: _____

Will not attend but note the following: mailing list additions or corrections, comments on chapter operations, etc.

E-mail Address: _____

Comments:



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

Meeting Notes