

Mid-Columbia Chapter of
the American Society of
Heating, Refrigerating and
Air Conditioning

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December 2015

The



Tumbleweed

<http://www.midcolumbia.ashraechapters.org>

This Month's Program:

Winter Social and Dinner
Fujiyama Steakhouse,
2522 Queensgate Drive,
Richland, WA

No-Host Dinner with Host-
ed Appetizers

Tuesday, December 15th,
6:30pm

Proposed ASHRAE/ACCA Standard For Energy Audits Open For Public Comment

ATLANTA – While energy audits are vital to ensuring energy efficient buildings, the audit industry has been largely unstructured. Work products that are labeled energy audits vary greatly in scope, rigor and quality.

A proposed standard from ASHRAE and the Air Conditioning Contractors of America (ACCA) would bring order to the “Wild West” of the energy audit industry.

ASHRAE/ACCA Standard 211P, *Standard for Commercial Building Energy Audits*, is open for public comment until Jan. 4, 2016. To comment or learn more, visit www.ashrae.org/publicreviews.

Standard 211P will establish consistent practices for conducting and reporting energy audits for commercial buildings.

“The standard has the potential to make a huge impact on completing energy saving projects in existing buildings,” Jim Kelsey, chair of the Standard 211P Committee, said. “Currently there is no standard that defines what constitutes an energy audit. Most practitioners in the energy audit industry are trying to do the right thing for their clients by finding projects and quantifying energy and cost savings in energy audits. However, without a consistent standard, we have seen the quality and approach to energy auditing vary widely throughout the industry. Without standardization, it’s been the Wild West out there – anyone who carries a clipboard and a camera can call themselves an energy auditor and their report an energy audit. What we hope to accomplish with this standard is to set appropriate minimum criteria for what approaches are expected, what information should be in an audit, and how that information is communicated to the end client.”

The standard will define the procedures required to perform Energy Audits Levels 1, 2 and 3; provide a common scope of work for these audit levels for use by building owners and others; establish standardized industry practices; and establish minimum reporting requirements for the results.

“One new area that I’m excited about in the standard is electronic data exchange for audit results,” Kelsey said. “In this version, we’ve adopted standardized reporting formats that are consistent with new tools to make it easy to transmit results to cities and agencies. This approach has several benefits to the energy world. First, consistent reporting enables energy auditors to streamline their processes. Currently, it is common for different customers to require different reporting formats which leads to a lot of customization for each job. Secondly, standard formats allow us to convert audit results to common data formats (such as BuildingSync XML). This makes it easier for cities, for example, to import audit results to a common database, rather than each agency requiring auditors to manually enter their results in the city’s platform.”

ASHRAE first addressed audits in 2004 with its publication *Procedures for Commercial Building Energy Audits* (1st Ed), which introduced the concept of ASHRAE Energy Audit Levels 1, 2 and 3 as a shorthand for designating the depth of an energy audit. That concept is now commonly used in the commercial building sector. In 2011, a second edition, which added guidelines for best practices in energy audits, was published.

These books have been widely adopted, cited by rating programs and in cities like New York and San Francisco where local ordinances require energy audits for certain buildings.

“However, the books were written as guides, not in code-enforceable, standard language,” Kelsey said. “With the new standard, we will hone the clarity of those audit level definitions and make enforcement clearer, and potentially broaden the adoption of the ASHRAE audit levels.”

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News Briefs

Call for Chapter Photos and Historical Items

As part of revamping our chapter's website, we have been working to obtain photos and historical information from the chapter's past, as well as other items of interest in the history of the HVAC&R and building industry. Unfortunately over the years, many of the items we used to have, have been lost or misplaced and we don't have much to show anymore aside from our awards banner. If anyone has photos of past chapter events or historical items such as awards for our banner, or other items relevant to ASHRAE and the related industries, please contact me at webmaster2015@midcolumbiaashrae.org.

Thanks,
Derek Archer, Chapter Webmaster

Wenatchee Valley College Student Receives ASHRAE Scholarships

By: Derek Archer

Lance Evans, a student at Wenatchee Valley College, has been awarded scholarships from ASHRAE Society over the last two years, totaling \$6,000. Lance is a student in the college's Environmental Systems and Refrigeration Technology program. Greg Jourdan, our chapter's Student Activities committee chair, has been a professor in the program for several years. We would like to congratulate Lance on his scholarship award and encourage him to continue his education in the refrigeration and building sciences. One of ASHRAE's largest priorities is drawing more new faces into the industry and all of its various facets. Scholarships are one of many ways that ASHRAE is able to help fulfill that industry need.

Program Calendar (2015–2016)

September 2015: No Program Meeting

October 13th, 2015: Ammonia Refrigeration

November 10th, 2015: Mid-Columbia ASHRAE YEA Social

December 15th, 2015: Winter Social and Dinner.

January 12th, 2016: Details to be announced.

February 9th, 2016: Details to be announced.

March 15th, 2016: Details to be announced.

April 21st, 2016: ASHRAE Webcast- Details to be announced.

May 10th, 2016: Details to be announced.

June 16th, 2016: Mid-Columbia ASHRAE Golf Tournament to benefit ASHRAE Research.



2016 ASHRAE Winter Conference
Jan. 23–27 | Orlando Hilton | Orlando, Fla.

New Technical Program Tracks, Networking, World's Largest HVAC&R Marketplace

Special first time attendee registration fee available! Low, early-bird registration rates end Nov. 2. Register early! Registration to the ASHRAE Winter Conference includes free access to the AHR Expo!

2016 AHR Expo
Jan. 25–27 | Orange Co. Conv. Center | Orlando, Fla.

Venues are strategically located next to each other for easy access.

Mid-Columbia ASHRAE Chapter

2015-2016 Officers/ BOG

President	Rahul Athalye Rahul.Athalye@pnnl.gov
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Secretary	Position Vacant
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GGAC	Position Vacant
Student Activities	Greg Jourdan GJourdan@wvc.edu
Chapter Administrator	Derek Archer dlarcher@meierinc.com

The Mid-Columbia Chapter of the American Society of Heating, Refrigerating and Air Conditioning Engineers was chartered in 1981 in Richland, Washington. We are part of ASHRAE Region XI and represent ASHRAE members in Eastern Washington State.

Help Sponsor our Chapter with a Business Card Ad

How would you like to place your business card in front of more than seventy eastern Washington ASHRAE members? For a low \$10 an issue, we can place your business card with company logo in a prominent location in our newsletter.

Interested??? Contact
Derek Archer at (509) 737-6982
dlarcher@meierinc.com

Important Notice About Future Meeting Dates

Regular Mid-Columbia ASHRAE Board of Governor's Meeting:
December 30th , 5pm. Meier Architecture-Engineering Offices,
8697 Gage Boulevard, Kennewick, WA

January Program Meeting:
January 12th, 2016, Noon-1pm. Details and location to be announced.

2016 ASHRAE Winter Conference, Orlando, FL, January 23-27, 2016.

2016 ASHRAE Region XI CRC, Saskatoon, SK, May 11-14, 2016.

