

January Monthly Meeting - ASHRAE Distinguished Lecturer

The Role of Controls for Acceptable IAQ

**Kent Peterson, P.E., Fellow ASHRAE
ASHRAE Distinguished Lecturer**

Controls play an important role in HVAC system compliance with ASHRAE Standard 62 "Ventilation for Acceptable Indoor Air Quality". The selection and operation of ventilation controls for recirculation systems must consider many factors to be effective in maintaining air quality. These factors include the control of temperature, humidity, source contaminants and ventilation air. This lecture emphasizes the role of controls in providing system compliance with Standard 62.1 including:

- * Control component selection and maintenance considerations
- * The role of humidity control to minimize growth of allergenic or pathogenic organisms
- * Ventilation Rate Procedure control functions
- * Demand controlled ventilation

About Mr. Peterson:

Mr. Peterson has been involved in all aspects of consulting engineering services and has a reputation for providing creative design solutions. He has over twenty years of experience working in consulting engineering. He is the Chief Engineer/Vice President and a founding principal of P2S Engineering in Long Beach, California. Mr. Peterson is an active member of ASHRAE. He is currently the President-Elect of ASHRAE.

Where: Clarion Hotel Conference Room
1515 George Washington Way, Richland, Washington

When: Tuesday, January 16, 2007
5:30 PM: Social Hour
6:00 PM: Buffet Dinner (let Lois know if a vegetarian meal is preferred)
7:00 PM: Presentation

Cost: \$20 for dinner and program; Program attendance is free for students.

RSVP: Lois Payne at (509) 373-2259 or lois.payne@rl.gov
No Later Than 3:00 PM, Thursday, January 11, 2007

*A reservation made is a reservation paid.



Program Calendar (2006—2007)

September 12, 2006: 25th Anniversary Cruise

October 10, 2006: National CAD Standard Basics, Carl Brenneise, P.E.

November 14, 2006: Tour of the Integrated Energy Operations Center (IEOC)

December 12, 2006: Moving from Blue to Green: ASHRAE's Journey to Sustainability, Ron Jarnagin, PNNL

January 16, 2007: Role of Controls for Acceptable IAQ, Kent Peterson, ASHRAE Distinguished Lecturer

February 23, 2007: Engineers' Week Banquet

March 13, 2007: Green Design and Sustainability, E. Mitchell Swann, ASHRAE Distinguished Lecturer

April 10, 2007: Boilers, Ray Garner

April 18, 2007: Indoor Air Quality, Satellite Broadcast

April 19, 2007: Workshop on Commissioning

May 8, 2007: Underfloor Cooling Distribution, VEMCO/Liebert

May 9-16, 2007: Region XI CRC

June 12, 2007: Golf Tournament for RP Fundraising