

This Month's Event

Tuesday, September 15, 2009

John Hamilton

Chief Operating Officer of the Testing, Adjusting, and Balancing Bureau
National Energy Management Institute

About the Speaker:

Currently working for the National Energy Management Institute as Chief Operating Officer of the Testing Adjusting and Balancing Bureau (TABB). Serves on the SMACNA/SMWIA TAB Taskforce, HVAC Technician Certification Committee, Commissioning Taskforce, and liaison on the International Certification Board (ICB) for TABB. Have given numerous IAQ seminars. Have presented many TAB seminars and workshops for AIA, ASHRAE, CSI, SMACNA and SMWIA. Member of the following ASHRAE committees, Duct Design-TC05.02, Testing and Balancing-TC07.07, Building Commissioning TC07.09. Also involved in the ASHRAE committee to develop the ASHRAE Commissioning certification exam.

Previously worked at the International Training Institute (ITI) as a Regional Coordinator, served as technical expert for the many of the current ITI HVAC training modules, including: Sound and Vibration, Piping Systems, Ventilation/IAQ, Pumps, Fans, Psychometrics, TABB home study course for Test and Balance, and the new ITI Testing Adjusting and Balancing Manual

- AEE Certified Indoor Air Quality Professional (CIAQP)
- Project Manager at a large mechanical contractor Minneapolis
- Instructor at Dunwoody Institute.
- Instructor for advanced HVAC instructor training
- OSHA 500 *Train the Trainer* course
- Instructor for the ITI *Learning TAB for Instructors* course
- Instructor for the ITI *Advance Teaching TAB* course
- Instructor St. Paul Technical College
- BA from Baltimore University (education)
- Served a HVAC sheet metal apprenticeship
- Member of CSI
- Have worked with several contractors on solving IAQ and mold issues within school districts

Member of ASHRAE (several technical committees), CSI, AEE

Presentation Title: *Testing, Adjusting, and Balancing*

This presentation will cover the final component to make a HVAC system successful meeting Green design requirements:

- The importance of the testing adjusting and balancing of the HVAC system is the single most interracial part of a building truly being healthy inside.
- Reliable air and water flow data are critical for the designers trying to achieve a healthy indoor environment.
- The integrity of the individual who performs the HVAC testing and balancing is a consideration that must be address.
- The topics covered in this presentation will touch on the dos and don'ts of commissioning/retro commissioning and testing adjusting and balancing of HVAC systems.
- The correlation between indoor air quality, energy consumption and commissioning of HVAC system will be explained.
- After the building is occupied, the issue of how occupants will keep the green building green.

Location: Richland Community Center
500 Amon Park Dr.
Richland, WA 99352

When: 12:00 noon

Cost: \$20.00 Lunch and Program

RSVP: Colin Bates at (509) 735-1589 or e-mail at cmbates@meierinc.com
Please RSVP by September 11, 2009 if you plan to attend.

Program Calendar (2009–2010)

September 15, 2009: *Testing, Adjusting, and Balancing, John Hamilton*

October 13, 2009: *Chiawana High School Tour (Tentative), Pasco, WA*

November 10, 2009: *Erich Binder Region XI DRC*

December 8, 2009: *Christmas Program*

January 12, 2010: *Solar Technology, Proctor Sales*

February 2010: *Engineers Week Banquet*

March 9, 2010: *Distinguished Lecturer, Tim McGinn*

April 13, 2010: *TBD*

May 19, 2010: *TBD*

June 10, 2010: *Mid-Columbia ASHRAE Golf Tournament to benefit ASHRAE/Research, Columbia Point Golf Course*