

**ASHRAE Technical Committee 4.3: Ventilation Requirements & Infiltration
2002 ANNUAL MEETING AGENDA**

Monday, June 24, 2002, 4:15 PM to 6:30 PM
Hawai'i Convention Center (HCC) 318B

Subcommittee Meetings:

Handbook: Sunday, 5:00 PM to 6:00 PM, HCC 323B

Program: Sunday, 6:00 PM to 7:00 PM, HCC 323B

Research: Monday, 2:15 PM to 4:15 PM, HCC 318B

1. Self Introductions

- Voting members please sit at the table
- All please sign the attendance list; please check your contact data on printout

2. Attendance & Quorum Check

Voting members for this meeting: *Boome, Lstiburek, McIvor, Petersen, Ratcliff, Reardon, Taylor, Weston, Wray, Zhang, Feustel (IM), Liddament (IM)*
(quorum=6 VM, simple maj.>1/2 VM present, super maj. at least 2/3 VM present)

3. Approval of Atlantic City Meeting Minutes (posted on TC web pages)

4. Announcements & Liaisons

- TC 4.3's web pages (*Rock*): <http://hvac.arce.ukans.edu/ashrae/tc4.03/main.htm>
- Section 4 Meeting announcements
- Society liaisons (TAC, RAC, Handbook, etc.)
- ASHRAE Learning Institute (*Boome*)
- EHC: Environmental Health Committee (*Cardenal*)
- ARTI: Air-Conditioning & Refrigeration Technology Institute (*Persily*)

5. Subcommittee Reports

a. Research (*Reardon*):

- Active Research:
 - 1) "Exhaust Contamination of Hidden vs. Visible Intakes"
1168-RP (PMS: *Walker/Ratcliff/Zhang*)
 - 2) "Heat Transfer During Residential Infiltration/Exfiltration"
1169-RP (PMS: *Reardon/Griffiths/Medina*)
- Long-Range Research Plan (LRRP):
 - 1) "The Effect of Ganging on Pollutant Dispersion from Building Exhaust Stacks"
1167-TRP (PES: *Chen/Kato/Ratcliff*)
 - 2) "Multiple Space Effects on Ventilation System Efficiency in Standard 62"
(PES: *Taylor/Wray/Reardon*)
 - 3) "Simplified Procedure for Calculating Exhaust/Intake Separation Distances"
(*Wilson/Taylor/Carter*)
 - 4) "Minimum Acceptable Dilution of Commercial Kitchen Exhaust"
(*Carter/Cardenal/Ratcliff*)
 - 5) "Indoor Environmental Effects on the Performance of School Work by Children"
1257-WS (*Reardon/Levin/Wyon/TC2.1/EHC*)
 - 6) "Occupant and Building Factors for Determining Ventilation Rates in Offices"
(*Taylor/Fisk*)
 - 7) "Characterization of Infiltration and Ventilation in Mid- and High-Rise Multifamily Buildings" (*Reardon/Hill*)

- Unsolicited Research Proposals (URPs): Any pending?
- New research ideas to the Subcommittee's Chair
- Reprioritization of LRRP
- b. Program (*Weston*):
 - Honolulu: Symposium HI-02-15 "Exhaust and Air Intake Design Issues"
 - Future sites:
 - Symposia: Ventilation Performance in Mid- & High-Rise Residential Buildings; Airflow around Buildings and Wind Pressure Effects - Avoiding Fume Reentry; Vent. & IAQ in Daycare Centers
 - Seminars: Residential Ventilation System Design; Exhaust Design Criteria; ETS Control
 - Forums: 62.1 & 62.2 Issues; Handbook Revisions
 - New program ideas to the Subcommittee's Chair
- c. Handbook (*Ratcliff*):
 - Society-wide Handbook series rewrite
 - Building Air Intake and Exhaust Design, 2003 Applications (*Ratcliff*)
 - Airflow Around Buildings, 2005 Fundamentals (*Petersen*)
 - Ventilation and Infiltration, 2005 Fundamentals (*Walker*)
 - New chapter ideas to the Subcommittee's Chair
- d. Standards (*Emmerich*):
 - TC 4.3 is the cognizant TC for:
 - 62-2001/SSPC 62.1, Ventilation for/and Acceptable IAQ (in Commercial, Institutional, and High-Rise Residential Buildings)
 - SPC 62.2P, Ventilation and Acceptable IAQ in Low-Rise Residential Buildings
 - 119-1988 (RA94), Air Leakage Performance for Detached Single-Family Residential Buildings
 - 136-1993 (RA01), A Method of Determining Air Change Rates in Detached Dwellings
 - SPC 161P (CoC, TC 9.3 is Lead), Air Quality Within Commercial Aircraft
 - Others of interest:
 - 129-1997 (TC 5.3), Measuring Air Change Effectiveness
 - SPC 152P (TC 6.3), MOT ... Residential Thermal Distribution Systems
 - New standards ideas to the Subcommittee's Chair
- e. Honors (*Cardenal*):
 - Membership upgrades (associate member to member, fellow, life, ...)
 - Distinguished Service Award (15 pts.), Exceptional Service Award (45 pts.)
 - Other honors & awards

6. Old Business

- Encouraging additional participation in subcommittee activities
- Technical Bulletins/FAQs

7. New Business

- 2002-2003 Roster

8. Adjourn

Next meeting: January 27, 2003, ASHRAE Winter Meeting, Palmer House Hilton, Chicago, Illinois