

Technical Committee 4.3 Ventilation Requirements & Infiltration

2000 ASHRAE Winter Meeting in Dallas

Subcommittee Meetings:

Research: Monday, 2:15 PM to 4:15 PM, AMH: Majestic 5 (H/37)

Program: Sunday, 5:00 PM to 6:00 PM, AMH: Trinity 5 (H/3)

Handbook: Sunday, 6:00 PM to 7:00 PM, AMH: Trinity 5 (H/3)

Standards: None. Contact Max Sherman to volunteer.

Honors: None. Contact Gren Yuill to volunteer.

**AGENDA FOR THE GENERAL TC 4.3 MEETING
Monday, 4:15 PM to 6:30 PM, AMH: Majestic 5 (H/37)**

1. Self Introductions

Voting members please sit at the table

All please sign the attendance list

Voting and corresponding members: please check your contact data on printout

2. Attendance & Quorum Check

Voting members for this meeting:

Rock, Wray, Adeni, Ratcliff, Weston, Cardenal, Feustel (IM), Liddament (IM), McIvor, Petersen, Shah, Taylor, Walker. (11+2 IM, simple majority=6, super majority=8, membership subject to revision)

3. Additions to the Agenda

4. Approval of the Last Meeting's Minutes (MIA?)

5. Announcements & Society Liaisons

TC 4.3's web pages: <http://hvac.arce.ukans.edu/ashrae/tc4.03/main.htm>

Section 4 Meeting Announcements

TAC, RAC, Program, Handbook, and Standards Liaisons

6. Subcommittee Reports

a. Research (Craig Wray):

Research Plan:

1) "The Effect of Ganging on Pollutant Dispersion from Building Exhaust Stacks", 1167-TRP (Chen, Kato, Walker)

- 2) "Exhaust Contamination of Hidden vs. Visible Air Intakes", 1168-TRP (Walker, Liddament, Zhang)
- 3) "Heat Transfer During Residential Infiltration/Exfiltration", 1169-WS
- 4) "Simplified Procedures for Calculating Exhaust/Intake Separation Distances"
- 5) "Characterization of Infiltration and Ventilation in Mid and High-Rise Buildings"
- 6) "Odor Threshold Dilution Ratio for Commercial Kitchen Exhaust"
- 7) "Ventilation, Air Leakage, and IAQ in Elementary Schools"
- 8) "Multiple Space Effect on Ventilation System Efficiency"
- 9) "Occupant and Building Factors for Determining Ventilation Rates"

Unsolicited Research Proposals (URPs):

Any pending? See our webpages for our RFP.

New research ideas to the subcommittee

b. Program (Theresa Weston):

Dallas: Forum on 62.1, Symposium on Small Commercial Bldgs

Minneapolis: Forum on 62.2, Symposium on Residential Bldgs

Atlanta: Forum on 62.1, Symposia on Wind/Multizone/Airflow, Exhaust Design

Cincinnati: Forum on 62.2, Symposium on Daycare Centers

New program ideas to the subcommittee

c. Handbook (Mike Ratcliff):

Airflow Around Buildings chapter for 2001 Fundamentals volume (Ron P.)

Ventilation and Infiltration chapter for 2001 Fundamentals volume (Iain W.)

Building Air Intake and Exhaust Design chapter for the 2003 Applications volume (?)

New chapter ideas to the subcommittee

d. Standards (Max Sherman):

TC 4.3 is the cognizant TC for:

62-1999/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, *A Method of Determining Air Change Rates in Detached Dwellings*, (reaffirmation vote!)

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

e. Honors (Gren Yuill):

Membership upgrades (associate member to member, fellow, life, ...) {form?}

Distinguished Service Award (DSA) (15 pts.) and Exceptional Service Award (45 pts.) {form?}

Other honors & awards available?

7. Old Business

TC 4.3's scope revision approved? 8. New Business

**Encourage others to participate in TC 4.3's subcommittee work
2000 - 2001 Roster revision**

9. Adjourn

Next TC 4.3 meeting at the 2000 ASHRAE Annual Meeting, Minneapolis, June 24-28, 2000

[Return to the TC's meetings page](#)

Revised: January 4, 2000