

# **Technical Committee 4.3 Ventilation Requirements & Infiltration**

**1999 ASHRAE Winter Meeting in Chicago**

## **Subcommittee Meetings:**

**Research: Monday, 2:15 PM to 4:00 PM, Sandburg 3 (7)**

**Program: Sunday, 7:00 PM to 9:00 PM, Sandburg 1 (7)**

**Handbook: Sunday, 7:00 PM to 9:00 PM, Sandburg 1 (7)**

**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, LaSalle 2 (7)**

**January 31, 1999 Revision**

### **1. Self Introductions**

**Voting members please sit at the table**

**All please sign the attendance list**

**Voting and corresponding members: please check your contact information**

### **2. Quorum Check**

**Voting members for this meeting:**

**Rock, Wray, Adeni, Cardenal, Liddament (IM), Boome, Janssen, Ratcliff,  
Shah, Taylor, Walker, Weston, Yuill. (12, simple maj.=7, super=9,  
membership subject to revision)**

### **3. Additions to the Agenda**

### **4. Approval of the Last Meeting's Minutes**

### **5. Announcements & Society Liaisons**

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

**TC Section Meeting**

**TAC, RAC, Program, Handbook, and Standards Liaisons**

**SPC 90.1 needs new members, 53,000 comments!**

### **6. Subcommittee Reports**

**a. Research (Craig Wray):**

**Changes in Research Plan and Work Statement procedures (3 Pre-WS, WS)**

**Completed Project:**

**RP-806 "Design Criteria for Building Ventilation Air Inlets"**

**Ongoing Projects (?):**

**RP-763 "Impact of High Use Automatic Doors on Infiltration"**

**RP-805 "Influence of Architectural Screens on Rooftop HVAC Equipment"**

**Research Plan:**

1) "The Effect of Ganging on Pollutant Dispersion from Building Exhaust Stacks" (RAC PP twice!)

2) "Heat Transfer During Residential Infiltration/Exfiltration"

3) "Exhaust Contamination of Hidden vs. Visible Air Intakes"

4) "Occupant and Building Factors for Determining Ventilation Rates"

5) "Air Ventilation, Air Leakage, and IAQ in Elementary Schools"

6) "Characterization of Infiltration and Ventilation in Multifamily Buildings"

**Unsolicited Research Proposals (URPs):**

**URP-1101**

**b. Program (Theresa Weston):**

**Toronto: comments**

**Chicago:**

**Seminar 12 (Co-Sp), *A New Initiative: HVAC&R Research for the 21st Century***

**Forum 15 (Co-Sp), *Feedback on the HVAC&R Research for the 21st Century***

**Seattle: (packages due February 12, 1999)**

**Dallas:**

**Minneapolis:**

**Atlanta:**

**c. Handbook (Mike Ratcliff):**

***Building Air Intake and Exhaust Design* chapter for the 1999 Applications volume**

**Draft approved on July 23, 1998 by e-mail letter ballot, 10-0-1-3**

***Airflow Around Buildings* chapter for 2001 Fundamentals volume**

***Ventilation and Infiltration* chapter for 2001 Fundamentals volume**

**d. Standards (Max Sherman):**

**TC 4.3 is the cognizant TC for:**

**62-1989/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***

**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***

**e. Honors (Gren Yuill):**

**Membership upgrades (associate member to member, fellow, life, ...)**

**Distinguished Service Award (DSA) (15 pts.) and Exceptional Service Award (45 pts.)  
Other honors & awards available?**

**7. Old Business**

**Revise TC title & scope to reflect merger with TC 2.5**

**8. New Business**

**Encourage others to participate in TC 4.3  
Voting members and officers for next year? (Rock)**

**9. Adjourn**

**Next TC 4.3 meeting at the 1999 ASHRAE Annual Meeting, Seattle, June 19-23, 1999**

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**Revised: March 4, 1999**