

MINUTES
ASHRAE TC 5.10 KITCHEN VENTILATION
MAIN COMMITTEE MEETING
Sunday, June 21, 1998, 5:00 - 7:00 PM, Toronto, Sheraton Hotel, Civic Ballroom

Chairman Joe Knapp opened the meeting at 5:15 PM. Self introductions were made.

Motion: To approve the minutes from the prior meeting. (Moved by Bixby, second by Knappmiller)
The vote was unanimous.

Joe asked if attending liaisons to had any items to report. Dick Kelso is the incoming RAC Liaison. Chuck Coward, outgoing RAC Liaison, complimented the committee on its work, in particular its research proposals.

Membership Subcommittee

John Clark stated that five voting members will rotate off the voting roster next year after the conclusion of June 1999 meeting: Claar, Clark, Elovitz, Smith, and Vogel. Names of five persons will be submitted to replace those rotating off. Voting members must commit to attending meetings and actively participate in committee and subcommittee work. John would like names now. Biography and statement of bias forms must be on file with HQ, and each individual must submit these forms.

Program Subcommittee

Rick Bagwell reported on current and planned events.

Toronto:

Kevin Knappmiller is chairing a seminar tomorrow morning with 5 speakers presenting compensating hoods case studies, with special focus on internal discharge hoods. He also is chairing a forum titled "Does CFD Have a Role in Future CKV Research?" The focus of this forum is information on state of the art in CFD and its role in future CKV research and design.

Rich Swierczyna is chairing a symposium titled "New Developments in the Field of Commercial Kitchen Ventilation. Three papers will be presented.

Chicago:

Dick Kelso stated that he has a promise of up to 5 symposium papers and there is the potential that it can be organized before the deadline, although again we are late in the cycle. Dick will be out of the U.S. over the next several weeks, so Rick Bagwell will assist by taking care of the paperwork and coordination with the authors. The tentative title is "Energy Efficiency in Commercial Food Service Facilities".

Seattle:

Dave Bixby suggested an update forum on SCAQMD restaurant emissions rules. SCAQMD is schedule to adopt changes at a meeting this coming November. Seattle would be a better location for this forum since the SCAQMD issues have a greater audience on the west coast.

The Program Subcommittee will meet tomorrow afternoon at 4:15 PM. Kevin Knappmiller will chair this meeting. The focus will be on long range planning for program activities. Kevin raised the issue that this meeting will be after the current meeting and therefore approving a long range plan is not possible. After discussion, it was agreed that Kevin could request a letter ballot for any items he felt required it prior to the next full TC meeting in Chicago (January 1999).

Standards Liaison

Standard 154P: Don Fisher reported on Chris Rousseau's behalf that work is now back on track. Most of the draft was reviewed at the meeting earlier this afternoon. Excess material will be used in a special publication. The draft Standard is now complete. The Committee's goal is to ready for a vote for public review at Chicago meeting.

Handbook Subcommittee

Tom Carter reported that the 1999 draft was accepted by ASHRAE HQ and that review teams have been set up for the 2003 edition. Design manual as separate document may be possible. Chuck Coward commented that ASHRAE's Special Publications section will pay for publications that we develop separately. Funding for literature searches could come from RAS.

Motion: Handbook Subcommittee is authorized to prepare materials for a special publication. (moved by Wolbrink, second by Fisher) The vote was unanimous.

Research Subcommittee

Current Research Projects: Charlie Claar reported that Bill Gerstler gave a presentation on the final segment of research for 745-RP. ASHRAE awarded a contract to University of Minnesota for work on 1033-RP (Effects Of Air Velocity On Grease Deposition In Exhaust Ductwork). Tom Kuehn, Principle Investigator, stated that work will begin 7/1/98 and will be completed before 6/30/99.

Motion: To accept the final report on 745-RP, "Identification And Characterization Of Effluents From Various Cooking Appliances And Processes As Related To Optimum Design Of Kitchen Ventilation Systems." (moved by Claar, second by Carter) The vote was unanimous.

Proposed Research Projects: Charlie Claar distributed a one-page summary of a new research topic proposed as Priority #1 by the Research Subcommittee for review. August 15 is deadline for research project statements submitted to Manager of Research. A full research project work statement for priority #1 will be circulated to TC 5.10 members and the Research Subcommittee members for review and approval. If approved it will be submitted to the Manager of Research.

The Research Subcommittee proposed the following project priorities:

1. Development of a Draft Method of Test for Determining Grease Removal Efficiencies
2. Assessment of Replacement Make-up Air Options for Commercial Kitchen Exhaust Hoods
3. Assessment of Recirculating Hood Technology and Applications
4. Potential Benefits of Variable Speed Exhaust Systems for Commercial Kitchen Ventilation
5. Particulate and Odor Control in Commercial Kitchens

Motion: To approve the research plan as recommended by Research Subcommittee. (by Claar, second by Dixon) The vote was unanimous.

Peter Simmonds Section Head for Section 5 presented a plaque to Joe Knapp on behalf of ASHRAE acknowledging Joe's contributions to the Society.

Joe Knapp asked for any other liaison reports from other TCs and SPCs. There were none.

New Business:

1. We would like to use e-mail as means of distributing paperwork when and where possible. The new sign-in sheet has a space for e-mail addresses.
2. TC 5.10 Web site. Vernon Smith discussed the content a proposed web site that would be linked to the ASHRAE web site. An advantage of having a web site is that more could be done between meetings. A draft web page will be prepared and voting members will be notified of its address for review and comment. After approval by the voting members, the site address will be submitted to ASHRAE HQ with a request that a link be added to ASHRAE's web site to the new TC 5.10 web site.
3. There are a significant number of corresponding members that have not been active for at least the past two meetings. John Clark will contact them to inquire if they want to remain as corresponding

members.

Joe Knapp thanked the attendees for their work on the TC during his tenure as Chair.

Motion: To adjourn meeting. (by Claar, second by Clark) Vote was unanimous.
Adjourned at 6:30 PM.

TC 5.10 Committee Positions for 1998-1999:

Chair Rick Bagwell

Vice Chair Tom Carter

Secretary Vernon Smith

Membership John Clark

Research Charles Claar

Program Kevin Knappmiller

Handbook Vernon Smith