

ASHRAE TC 5.10 Meeting Minutes

February 6, 2000

Room Lonestar A2, Adams Mark Hotel, Dallas, TX

Call to Order:

Tom Carter called the meeting to order at 5:25 pm. The meeting was started late due the overlap with SPC-154P.

Approval of Minutes:

Minutes of the June 1999 meeting in Seattle were approved by voice vote (moved by Ken Hutchinson, second by Steve Brown). Rick Bagwell was also presented with an award for being past Chairman of TC 5.10.

Subcommittee Reports:

1. Research Subcommittee

Charlie Claar was unable to attend and Rick Bagwell took stepped in as a temporary research subcommittee chair. Rick noted that the work statement on the effect of make-up air systems on hood efficiency was resubmitted (1033-TRP). Existing one-pagers need to be reformatted as two-pagers. The top 5 priority work statements need to be completed quickly and sent to RAS. Rick Bagwell voted to submit the work statement from the research subcommittee and Bruce Zimmerman seconded.

A vote was taken on the appliance diversity and location work statement. 12 votes for approval with editorial changes, 0 against, 0 abstentions. Derek Schrock will make the edits and give the document to Tom Carter.

Bids were collected on 1151-WS. Bruce Zimmerman stated that the project monitoring committee has reviewed the proposals and a recommendation will be made after the main TC 5.10 meeting in an Executive Meeting.

2. Handbook Subcommittee Report

Vern noted that a fire drill shortened the Handbook meeting. Four pages of new material were added to the draft. Review may continue via e-mail. Vern has setup a list server which should expedite contacting members. The TC 5.10 web page will contain the Handbook as a set of PDF files that can be cut and copied to a document and edited, but no changes can be made to the master file.

A draft needs to be voted on in January, 2002 for approval to forward the handbook to headquarters. TC 5.10 is one of two handbook committee involved in a pilot project with putting handbook info on CD-Rom. When handbook completes sections, those need to be passed on to the main committee for review. The handbook committee has the opportunity to add/revise terminology to the ASHRAE Terminology handbook.

3. Programs Subcommittee

Don Fisher noted a seminar on Monday morning at 8:00 am and we have five speakers. TC 5.10 was able to successfully arrange speakers for a seminar in Minneapolis, June 2000. The University of Minnesota will discuss the results of the duct velocity project (1033-TRP)

The application for a Forum needs to be resubmitted for Minneapolis. Kevin Knappmiller sent the information to Don Fisher, but it should have gone to Tom Carter. Kevin noted that he wouldn't be available at the next meeting and Steve Brown offered to chair the Forum. Title: "Is there a need for a field performance test for CKV?" Steve will see if we can get a Forum in for Minneapolis. Tom Carter asked Kevin Knappmiller to get the info to himself and Steve Brown.

Don noted have one seminar and one Forum for Minneapolis. The committee needs to push for Symposium papers for Cincinnati. Candidates are:

1. Derek Schrock – CFD and displacement ventilation
2. Rich Swierczyna – backshelf performance with Schlieren
3. Vern Smith and Rich Swierczyna – thermal plume generator to simulate cooking effluent
4. Don Fisher – VFD applications in kitchens.

Bill Gerstler provided some of the initial results to the main committee. There appears to be a trend that as you decrease the velocity in the duct, less particles go to the sides of the duct.

4. SPC 154 Subcommittee

Chris Rousseau was unable to attend and Don Fisher took over as a temporary SPC 154 chairman. Don Fisher noted that consensus was achieved on the majority of the Standard. A vote will be taken to send the doc out for public review in Minneapolis. Elements of the work undertaken by SPC 154 have already filtered into IMC code revisions.

RAS – Liaison Reports:

Dave Wolbrink liaison for 62.2 noted that more feedback is needed. This is a high profile standard since it's difficult for ASHRAE to write a code for residential applications. There is a new 62-99 standard that can be ordered from ASHRAE. 62.1 is also being advanced right now.

Kitchen ventilation, back drafts, and house pressures are currently a concern of 62.2

Tom Carter noted that commercial ranges are going into appliances and have exhaust flow requirements of 500 to 1000 cfm. Can TC 5.10 bring a position to 62.2 supported by research findings? Tom stated that TC 5.10 would look at the issue and get back to Dave. The Handbook and SPC 154 subcommittees will look at adding a paragraph on this issue.

New Business:

Mark Finck (Burger King) was attending the TC 5.10 meeting for the second time and asked to be added as a new member. Tom Carter asked if anyone else wants to be added as corresponding member or a

voting member. Eli Howard of SMACNA (Sheet Metal and Air Conditioning Contractors National Association) asked to moved up to a voting member of TC 5.10. Kevin Knappmiller asked to be rotated off as a voting member.

SMACNA is working on a kitchen ventilation design guideline and will put it out for public review in March. SMACNA has a 60 day window to send comments in and asked for input from TC 5.10 members.

Membership Report

John Clark was not available to provide the membership report.

Adjournment

The meeting was adjourned by voice vote at 7:15 pm until the Minneapolis Summer Meeting (moved by Kevin Knappmiller, seconded by Doug Horton, unanimous).

Executive Committee

12 members voted to recommend that RAS approves awarding the 1151-TRP, 0 negatives, 2 abstained. Frank motioned to adjourn executive committee and Tom Carter seconded.