

**TC 5.10 Main Meeting**  
*Atlantic City Convention Center, Room 321*  
*January 13, 2002*

**Call to Order:**

Tom Carter called the meeting to order at 3:12 pm.

**Quorum Call:**

10 of the 12 voting members were present.

**Approval of Last Minutes:**

George Zawacki moved to approve the minutes from Cincinnati and Don Fisher seconded. These were approved unanimously by the members.

**Subcommittee Reports:**

Handbook Subcommittee – Vern Smith:

Final edits were mainly completed – to be finished by March 1<sup>st</sup>. Final submission date is May 10, 2002. Vern mentioned switching meeting times with the Program subcommittee. Vern mentioned having a working committee to develop the airflow measurement field protocol under the Handbook committee.

Don discussed the need for developing the airflow measurement field protocol guidelines. This would focus on validating hood capture and containment (C&C) as well as airflow of the hood and it's associated systems – this would be a commissioning guideline. Don volunteered to be a sub-chair under the Handbook subcommittee.

Tom Carter asked for volunteers to be Handbook Subcommittee chairman. Vern nominated Rich Swierczyna and Doug Horton seconded. Rich will need to find a secretary for the handbook.

Tom Carter will do the metrification of the 2003 Handbook Chapter.

Research Subcommittee – Rick Bagwell:

Rick noted that 25 work statements have been accepted for funding including TC 5.10's Appliance Diversity work statement. Bill Welch presented the findings of 1151-RP, phase 1. We will have a final report mid-March 2002. A phase 2 RTAR and work statement need to be in by May 10, 2002. Don and Tom suggested having a single email voting on two items: the phase 1 report, and the phase 2 work statement.

The 1152-WS on makeup air is being dropped as a priority item from TC 5.10 and we will resubmitted as a follow-on to the CEC makeup air work.

The research priorities are:

- 1) Appliance diversity study
- 2) RTAR and WS for phase 2 of 1151-RP

Rick Bagwell recommends the priority and Ken Hutchinson seconded. Approved unanimously by the voting members.

Program Subcommittee – Don Fisher:

Atlantic City Programs:

Three symposium Wednesday morning Room 409, 8:00 am to 10:00 am on Kitchen Ventilation System performance.

The future programs being planned by TC 5.10 include the following:

1) Seminar – Honolulu, June 2002. Field Experiences Testing and Commissioning of Commercial Kitchen Ventilation Systems. Steve Brown -- Chair.  
Abstracts and Bio need to be sent to Steve by February 8<sup>th</sup>.

2) Forum – Honolulu, June 2002 – Don Fisher Chair  
Title: Is VAV A Viable Design Strategy for Commercial Kitchens?

3) Symposium – Chicago January 2003 – Derek Schrock Chair

Title: Energy Optimization Technologies for Restaurants

1. Rich Swierczyna – Thermal plume make-up air effects
2. Shawn Knapp – Variable Speed
3. Mark Finck – Field Experiences with Direct Drive
4. Steve Brown – Direct Drive Fan Technology for Restaurant Application
5. Ed Rembecky – Integrating Energy Management Controls with Foodservice HVAC

These need to be submitted to ASHRAE by August 2002.

4) Seminar – Chicago January 2003 – Doug Fitz

Codes and Standards

Doug Horton and Greg Gruss may present.

4) Symposium – Kansas City – Bill Sharp

Title: State-of-the-Art in Odor Control

Bill Welch has volunteered to do a paper on RP-1151.

Tom Carter, Derek Schrock, John Clark might do papers.

Derek Schrock volunteers to be the Program Subcommittee chair.

Standards Subcommittee – Chris Roseau

Tom received a letter from ASHRAE asking to fill out a report on what codes and standards TC 5.10 is aware of. Rich Swierczyna said that the metrification needs to be completed and submitted to ASHRAE by the first week of February. Don Fisher stated that the committee needs to be reformed to do any maintenance work. This could be setup as a standing committee. TC 5.10 will discuss SPC154 in the June 2002 meeting to ensure it's been submitted.

Membership Subcommittee – John Clark:

We are down to 7 members after the June 2002 meeting. We need 5 new voting members for TC 5.10, 1 of which should be a non-US member.

Dan Restelli, John Clark, Phil Gibson (international), and George Zawacki are candidates.

Rich Swierczyna will need to roll off as a voting member and Vern Smith will roll on.

Tom Carter recommends that Vern Smith be a nominee for the TC 5.10 Chairman and Doug Horton seconded.

Tom also recommends that Derek Schrock be Vice-Chair. Vern Smith nominates Steve Brown to be Secretary.

**Liaison Reports:**

No liaisons were present.

**New Business**

Tom mentioned all of the new technologies coming down the pike and that the Handbook would need to have a lot of development again after the June meeting. It was also noted that Chains are readdressing energy and operational costs issues as well as makeup air systems. Tom thanked everyone for their time and effort.

Doug Horton gave an update on the IMC revision cycle. About 20 proposals were submitted to IMC. The meeting will be sometime between the 20 to 28<sup>th</sup> of April in Pittsburgh with a reconsideration procedure in Fort Worth in September.

One proposal provides for variable speed systems. Another one looks at using side-panels on hoods. The performance test paragraph was addressed but really needs a test method for the field evaluation. The minimum duct velocity was submitted as 500 fpm. Doug mentioned that there was a lot more that TC 5.10 could be doing in working with other code agencies.

Don Fisher mentioned that this committee needs to be notified of upcoming needs in the IMC code. Doug Horton asked if TC 5.10 should request a standing committee and serve a liaison function with the IMC code. This will allow the IMC and SPC154 to share information both ways and meshing the codes.

Don Fisher asked if the field test protocol could be undertaken by this group instead of as part of the Handbook subcommittee. Don Fisher will research the ASHRAE means of having a standing SPC committee. Steve Brown mentioned that anyone could write a document in standard language and submit to ASHRAE to become a standard. This issue will be put in as an agenda item on the TC 5.10 main meeting in June in Honolulu.

Bert Phillips from TC5.5 requested that TC 5.10 hold a forum on the application of heat recovery from commercial kitchen exhaust systems. If possible, could this be scheduled for Kansas City?

**Adjournment:**

Derek Schrock moved to adjourn and Steve Brown seconded. The meeting was adjourned at 4:40 pm.