

TC 5.10 Kitchen Ventilation
Main Committee Meeting Draft Minutes
4:00pm - 5:30pm Sunday, 25 June 2006
Quebec Convention Center
Quebec City, Quebec

Attendees:

Randy Urness	Steve Brown	John Clark
Greg DuChane	Don Fisher	Doug Horton
Ken Hutchinson	Frank Kohout	Jay Parikh
Derek Schrock	Mark Finck	Rich Swierczyna
Bob Utech	Vern Smith	Richard Kelso
George Zawacki	Fuoad Parvin	Tim Farrell
Dwayne Sloan	Mike Morgan	David Wolbrink
Chester Raczewski	Russell Robison	Brent Fullerton
Julia Keen		

Call to Order

Chairman Richard Swierczyna called the meeting to order at 4:00 pm.

Quorum Call

The Chairman requested a quorum call, 7 of 11 voting members were present.

Approval of Last Minutes

Motion by Shrock to accept the minutes from the Chicago meeting, second by Zawacki, vote unanimous.

Liaison Report

None present.

Announcements

- TC 5.10 will be hosting the following technical programs in Quebec.
 - a.) Forum 14 - Energy Efficient CKV System Design: Do Government Agencies Help or Hurt Implementation? – Moderator: Steve Brown
Tuesday, June 27 12:30-1:30 PM, Room 202
 - b.) Seminar 73 - Operating CKV Systems in Northern Climates, Part 1. – Chair: Doug Horton
Wednesday, June 28 9:30-10:30 AM Room: 2000 B
 - 1. Strategic Introduction of Makeup Air Systems/Heat Recovery – Don Fisher
 - 2. Finding Energy Efficiency in Real Foodservice Operations – Mario Rousseau
 - c.) Seminar 79 - Operating CKV Systems in Northern Climates, Part 2. – Chair: Doug Horton
Wednesday, June 28 10:45 AM-12:15 PM Room: 2000 B
 - 1. Efficiency of Direct Fired Gas Makeup Heating – Bob Utech
 - 2. Challenge of Grease-Rich Emissions in Cold Climate – Tim Farrell
 - 3. Update on Demand Ventilation Systems – Ted Owen
- There will be a UL 1046 Standard Technical Panel working group meeting for UL1046 Monday June 26th, in the Orleans room of the Hilton at 10:00 AM.

These draft minutes have not been approved and are not the official, approved record until approved by this committee.

Handbook Subcommittee Report

- Handbook subcommittee chairman Rich Swierczyna reported he had submitted the final revision of the 2007 edition to the Handbook editor.
- The Handbook committee is in need of a new chairman.

Research Subcommittee Report

- Research subcommittee chairman Derek Schrock reported on the activities of Research Subcommittee.
- TC 5.10 is currently monitoring two research projects, there were full status reports on the projects in the research meeting.

TRP-1362 Revised Heat Gain and Capture and Containment Exhaust Rates from Typical Commercial Cooking Appliances is being worked on by the CKV Lab – Architectural Energy

TRP-1375 Grease Effluent Characterization from Additional Cooking Appliances is being worked on by the University of Minnesota

We will have our first PMS review of projects TRP-1362 & TRP-1375 tentatively on October 5th or 6th.

- The Thermal Comfort in Commercial Kitchens RTAR was written. There was an email ballot on July 28, 2006 to submit the RTAR. The ballot results were 11 approved, 0 opposed, and 0 abstained. Several members of TC 5.10 will attend the TC 2.1 main meeting to get feedback on the interest in supporting this project. TC 2.1 has said they are in support of the project and will have representation on the PMS committee.

Program Subcommittee Report

Program Subcommittee Chairman Don Fisher announced the current and upcoming Program schedule.

Dallas Programs:

Dallas Transaction (Jan. 2007) – Chair: Derek Schrock

New Developments in Commercial Kitchen Ventilation

Papers need to be submitted by March and review packages due August 4th, 2006

(1) Investigating Alternate Dining Occupancy Calculations -- Gerrit Van Straten and Steve Brown (paper ready to submit)

(2) Multi-Stage Filter Development – Tim Farrell (completed)

Dallas Forum (Jan. 2007): Chair: Bob Utech

Are Short-Circuit Hoods Energy Efficient?

Dallas Seminar (January 2007) – Chair: Randy Urness – due August 4th.

Design Alternatives that Obsolete Short Circuit Commercial Kitchen Hoods

- 1) Bob Utech – Origin and History of Short Circuit Hoods?
- 2) Rich Swierczyna/Steve Brown – Laboratory Testing Perspective on Short-Circuit Hoods
- 3) Doug Horton – Make-up Air Alternatives to Short Circuit Hoods
- 4) Derek Schrock – A Case Study on Replacing Short Circuit Hoods

Long Beach Programs:

Long Beach Seminar (June 2007) – Chair: Derek Schrock – Due February 9, 2007

CKV Duct Systems – Out of Sight, Out of Mind
Doug Horton – Duct Issues and Restaurant Fires
Jay Parikh – New Grease Ductwork
Frank Kohout -- NFPA-96 Update
Chester Raczewski – Effect of UV On Ductwork

Long Beach Forum (June 2007) – Chair: Bob Utech

Can Odors Be Controlled Effectively?

ASHRAE Journal – Possible Articles

Direct Drive Strategies – Mark Finck
Direct Drive Strategies – Steve Brown
Randy Urness – Applying ASTM F2519
Don Fisher – Results of ASHRAE RP-1202
Derek Schrock – Experiences with UV Technology
Duane Sloan/Jay Parikh – Code Requirements for Kitchen Ventilations Systems
Steve Brown and Garrit Van Straten – Follow up the June 2003 Article

New York Seminar (January 2008)– Chair: Derek Schrock -- Due August 10, 2007

Innovations in Commercial Kitchens
Don Fisher – energy efficient strategies
Chester Raczewski – Ventilated Ceilings

Standard 154 Ventilation of Commercial Cooking Processes

TC 5.10 had an e-mail vote on July 28, 2006 to recommend a revision to Standard 154-2003 Ventilation of Commercial Cooking Operations. Upon the approval from the Standards Council, we will have our first meeting.

Membership Subcommittee Report

Membership Subcommittee Chairman John Clark asked that people interested in becoming voting members give him their card.

New Business

There was discussion regarding the kitchen ventilation sections of STD 90.1 and when it comes up for review. A small group of members will attend TC 7.7, Systems Energy Utilization, to discuss their maintenance of Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings, and the procedure to revise the HVAC sections to include energy efficient kitchen ventilation design.

Old Business

Dwayne Sloan gave us an update UL 1046 and UL 710.

- There will be a UL 1046 Standard Technical Panel working group meeting for UL1046 Monday June 26th, in the Orleans room of the Hilton at 10:00 AM.
- UL 710C was released for comments approximately 1 month prior.
- UL 710B was just released for comment.
- UL 710 The working group will be meeting to roll the comments from January into a working draft to be distributed to the STP committee.

Adjournment

The meeting was adjourned at 5:30 pm. Clark/Brown, vote unanimous.

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