

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.
1791 Tullie Circle, N.E./Atlanta, GA 30329
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TC/TG/TRG MINUTES COVER SHEET

TC/TG/TRG NO TC 5.10 DATE 26 January 2004

TC/TG/TRG TITLE Kitchen Ventilation

DATE OF MEETING 26 January 2004 LOCATION Anaheim

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Steve Brown	2003	Dan Restelli	2002	
Darrin Earhart	2003			
Derek Schrock	2003			
Mark Fink	2001			
John Clark	2002			
Don Fisher	2003			
Bill Sharp	2003			
Rich Swierczyna	2003			
George Zawacki	2002			

DISTRIBUTION

DISTRIBUTION: ALL MEMBERS OF TC (Above and reverse side)

TAC SECTION HEAD: Daniel Int-Hout

ALL COMMITTEE LIAISONS AS SHOWN ON TC ROSTERS:

Michael Brambley, Program Liaison
 Brian Rock, 2004 Handbook Liaison
 Charles E. Gullede, TEGA Liaison
 Marilyn A. Listvan, Special Pubs Liaison
 Davor Novosel, Standards Liaison
 Samuel Cummings, ALI Liaison
 Brian J. Webb, RAC Research Liaison
 Michael R. Vaughn, Staff Liaison (Research and Tech Services)
 Claire Ramspeck, Staff Liaison (Standards)

ADDITIONAL DISTRIBUTION: (See reverse side)

TC 5.10 Main Committee Meeting Draft Minutes

1:30 pm to 3:30 pm Oceanside, Hilton

26 January 2004

Attendees:

Rick Bagwell	Alan Breitenfeldt	Steve Brown
Tom Carter	John Clark	Mark DeLorenzo
Darrin Earhart	Mark Finck	Don Fisher
Doug Fitts	Doug Horton	Frank Kohout
Roy Meacham	Phil Morton	Derek Schrock
Bill Sharp	Tony Spata	Chris Stillwell
Rich Swierczyna	Randy Urness	Robert Utech
Doug Wadas	David Wolbrink	George Zawacki

Call to Order:

Chairman Derek Schrock called the meeting to order at 2:00 P.M.

Quorum Call:

Nine of ten voting members were present.

Approval of Last Minutes:

Motion to approve minutes of 29 June 2003 Annual meeting in Kansas City. Steve Brown motioned for approval of minutes, Bill Sharp second. Motion passed.

Introductions:

Each Person present introduced themselves as requested by the Chairman.

Announcements:

Chairman made the following announcements:

- Forum 16: *Is Indoor Air Quality In Commercial Kitchens An Issue?*
Monday: 10:15 am - 11:05 am, Room 213 A/B
Moderator: Rick Bagwell
- Seminar 23: *Commercial Kitchen Ventilation: A Rooftop Perspective*
Monday: 8:00 am to 10:00 am
Chair: Don Fisher
 1. CKV Exhaust Fan Application and Selection Considerations
Darrin R. Earhart
 2. Up, Up and Away: CKV Discharge Strategy
John A. Clark
 3. Grease Loading of Exhaust Fans: What's the Solution?
Robert L. Utech
 4. Replacement Air Cooling Options for CKV Systems
Stephen L. Brown
 5. Application of Direct-Fired Makeup Air Units
Douglas J. Horton

Liaison Report:

Handbook liaison Brian Rock made announcements regarding the print and CD versions of the Handbook. He mentioned that a member benefit with the print version of the Handbook would be a complementary CD version. Brian also mentioned the enhancements to the annual CD+ version (e.g., video, spreadsheet, etc.) are limited to 2 MB.

Subcommittee Reports:

Membership report – John Clark

John Clark reported we have three people seeking corresponding membership status on the committee: Mark DeLorenzo from Avtec, Hani Odeh from Carroll Manufacturing and Chris Stillwell from Trane. Three voting members were also added: Ken Hutchinson from the Electric Food Service Council, Frank Kohout from McDonald's, Roy Meacham to replace Dan Restelli from Underwriter's Laboratories and Tony Spata from W.D. Partners. Their addition would bring the committee's number of voting members to thirteen.

Handbook Subcommittee – Rich Swierczyna:

Rich Swierczyna reported the subcommittee had reviewed and revised the content and authors for the new subjects to be added to the upcoming Handbook Chapter. Written drafts are due 21 May. The subcommittee also addressed the Handbook liaison's comments and TC 4.1 Load Calculation Data and Procedures' request to revise Table 5 "Recommended Rates of Heat Gain from Typical Commercial Cooking Appliances" in Chapter 29 *Nonresidential Cooling and Heating Load Calculation Procedures* of the Fundamentals Handbook.

Research Subcommittee – Alan Breitenfeldt:

Alan Breitenfeldt reported that the complete electronic copy of RP 1151 *Development of a Draft Method of Test for Determining Grease Removal Efficiencies* has not been received by the PMS Chair. Michael Vaughn will send a letter to the contractor to address this issue. Rich Swierczyna presented findings on RP 1202 *Effect on Commercial Kitchen Hood Performance of Appliance Diversity and Position* that included the effects of overhang, location, and side panels on fryers and charbroilers cooking under a 10-foot canopy hood. Issues concerning hood installation height, reservoir volume and accessories that often appear over appliances that affect capture and containment (e.g., shelving, salamanders, etc.) were also discussed. A RTAR will be considered with TC 5.12 Ventilation Requirements and Filtration on odor control.

Alan also reported the long-range research plan. The following were listed as the three major groups of research to be pursued in order of their priority:

1. 745 RP Phase 2: expand grease emission investigations for cooking processes including appliances such as woks, steamers, kettles, etc.
2. Field performance test for CKV Systems.
3. Evaluation of thermal comfort in commercial kitchens.

The RTAR's are due 1 Aug.

Program Subcommittee report – Don Fisher:

Don Fisher reiterated the upcoming Seminar and Forum on Monday. The scheduled Program activities for Nashville are two seminars and a forum; the Orlando Program activities include a symposium, seminar and forum.

Standards Subcommittee report

It was decided by the committee that Standard 154 *Ventilation for Cooking Operations* would be reviewed in January 2005 to determine if it needs to be updated based on recent research.

Field Performance Test for CKV Systems will be a separate Standard, not an appendix of Standard 154 *Ventilation for Cooking Operations*.

NEW BUSINESS:

Don Fisher announced an ad hoc Grease Committee meeting tonight in the Santa Monica room of the Hilton hotel.

Adjournment:

Motion to adjourn by Doug Horton and second by Steve Brown. The meeting was adjourned at 3:15 pm.