

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.**  
**1791 Tullie Circle, N.E./Atlanta, GA 30329**  
**404-636-8400**

**TC/TG/MTG/TRG MINUTES COVER SHEET**

**(Minutes of all Meetings are to be distributed to all persons listed below within 60 days following the meeting.)**

TC/TG/MTG/TRG No. 5.10 DATE 06/26/17

TC/TG/MTG/TRG TITLE Kitchen Ventilation

DATE OF MEETING 06/26/17 LOCATION Long Beach, Ca

MEMBERS PRESENT	MEMBERS PRESENT	MEMBERS ABSENT	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Michael Morgan	Fuoad Parvin	*Dwayne Sloan	Michael Beislein
Jason Greenberg	Derek Schrock	*Tony Spata	Dan Mason
*Jimmy Sandusky	Don Fisher		Scott Sherwood
Cherish Samuels	Keith Page		Delaine Deer
*Greg Duchane	Tim Farrell		Bret Fullerton
Frank Kohout	Jason Brown		Ashish Mathur
*Rich Swierczyna	Mark Skierkiewicz		Shawn Ohara
Mike Watz	Greg Gress		
Cherish Samuels	Curt Swan		
*Andre Saldivar	Mark Tilles		
*Russ Robison	*Terry McCabe		
Kevin Muldoon			

\*Voting Members

**DISTRIBUTION**

<b>All Members of TC/TG/MTG/TRG plus the following:</b>	
TAC Section Head:	Kenneth Peet
TAC Chair:	Dr. Eric W Adams, PhD
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters:	Dr. Darin Nutter, PE James Arnold, PE Gerald Williams, PE Ricardo Esbri Rick Larson
Manager Of Standards Manager Of Research & Technical Services	Stephanie Reiniche Mike Vaughn

Minutes Submitted by: Andre Saldivar, 06/26/17

Minutes Approved on:

**These draft minutes are not the official minutes until approved by this committee.**

**TC 5.10 Kitchen Ventilation**  
Main Committee Meeting Draft Minutes  
Monday, June 26, 2017, 6:00-7:00PM  
Renaissance, Broadlind 1, Long Beach, Ca

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**1. Call to Order and Introductions**

- A. Jimmy Sandusky called the meeting to order at 6:0 PM

**2. Voting Members\* and Balance**

Name	Affiliation	Classification
Jimmy Sandusky	Halton	Producer
Russ Robison	Gaylord Industries	Producer
Andre Saldivar	SCE	General
Dwayne Sloan	UL	General
Rich Swierczyna	FSTC	General
Tony Spata	Hyatt Hotels	User
Terry McCabe	Greenheck	Producer
Greg Duchane	Trane	Producer

**3. Quorum Call**

- A. 6 of 8 Voting Members Present, Tony Spata & Dwayne Sloan Absent

**4. Code of Ethics**

**5. Approval of Minutes from Annual Meetings in Las Vegas, NV**

- A. Approved unanimously by Voting members, Motion –Russ Robison , Second – Greg Duchane, 6-0-0-2.

**6. ASHRAE Liaison Reports**

- A. Ken Peet is rolling off after this meeting
1. Letters of Recommendation are available
    - i. TAC understands that all members are volunteers

**7. Announcements**

- A. TC/TG Chair Breakfast Announcements  
Sunday 06/25/17, 6:30 am–8:00 am
1. For Long Beach - Summer 2017
  2. 151 Papers were submitted, 129 accepted
  3. 121 Seminars submitted, 61 accepted
  4. 13 Workshops, 9 accepted
  5. 11 Forum, 4 accepted
- B. Webinar/Conference Call for Main Meeting is available
1. Will submit request for Winter Chicago meeting 2018

**8. TC 5.10 Roster Update**

- A. Roster updates occur after every winter meeting & are effective July 1 of that year
- B. Current Roster has about 45 people
- C. Voting Member Roll Off Dates
1. 2018 Jimmy Sandusky
  2. 2019 Greg Duchane

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3. 2019 Andre Saldivar
  4. 2019 Terry McCabe
  5. 2019 Rich Swierczyna
  6. 2019 Russ Robinson
  7. 2019 Tony Spata
  8. 2020 Dywane Sloan
- D. Potential Roster Update
1. Mike Morgan & Derek Schrock - Producer
  2. Kevin Muldoon

**9. TC 5.10 Program Long Beach**

- A. *Seminar 14: Commissioning of Commercial Kitchen Ventilation Systems, Including Examples of Real World Successes and Failures (Sunday 1:30PM – 3:00PM, 201B)*
- B. *Seminar 19: Changes to Heat Gain Tables in the Handbook Commercial Load Calculations Chapter 18 (Monday 8:00AM – 9:30AM, 201A)*
- C. *Seminar 28: Commercial Kitchen Ventilation: Insights into Energy and Water Efficiency! (Monday 11:00AM – 12:00PM, 101B)*
- D. *Seminar 45: The Use of Pollution Control Units and Technologies to Control Grease, Smoke and Odor from Commercial Kitchens (Tuesday 11:00AM – 12:30PM, 201A)*

**10. Subcommittee and Standards Reports**

**A. Handbook – Frank Kohout**

Monday 06/26/17, 2:00-3:30PM

1. 2017 Topics: Continued to work on the 4 topics:
  - i. Residential hoods- Didn't meet this time
  - ii. Design examples-Life Cycle Cost, cost of CFM
  - iii. Dish rooms- Sub sections were assigned – layout, air quality, heat gains, air distribution, ventilation rates, and energy efficiency measures.
  - iv. Solid Fuel considerations- Summary is ready to be distributed to committee-
  - v. Kitchen Comfort- Didn't meet this time

**B. Research – Derek Schrock**

Monday 06/26/17, 4:30-6:30PM

1. Research Process flow chart was sent out
2. RP 1614 Evaluation of UV- PES met, bidders are in, Exec Committee will meet after TC 5.10 main to vote for the bidders.
3. WS- 1664 Latent & Sensible loads in kitchen. Update: Steve Brown will rewrite
  - a. Break into 2 separate WS
4. RTAR - 1825 Qualifying Makeup Air Entering Hood & Thermal Impact on Hood Performance- ACCEPTED with Comments
5. RTTAR 1178 for Dishroom comfort/ventilation - WS due Aug 15<sup>th</sup> or it will be dropped. Develop Guideline
  - a. Addressed RAC concerns, dropped Guideline, will be Loads for Heat & Moisture sources in the dishroom.
6. New Research Project- Fire safety and creosote

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- a. Creating RTAR- Field project with 15 samples each with/out solid fuel cooking- Mark S to fill out RTAR
- 7. Grease Vapor Control Technologies- Jimmy S lead
- 8. Updates from Liaison- David John rolling off after this meeting
- 9. Aug 15<sup>th</sup> & Dec 15<sup>th</sup>?? RTARs can be submitted

**C. Program – Mike Morgan**

Monday 06/26/17, 3:30-4:30PM

- 1. Chicago 2018 Proposals- 8 Tracks
  - i. Aug 1- seminar, forum, workshop proposals due
- 2. Panel - Dishroom HVAC design- HVAC designs Track 2
  - i. Moderator-xxx,SponsorTC5.10/Co-Sponsor-(4.1?? TC8.10??
  - ii. Don-more than the exhaust hood-example of load
  - iii. Rich- sensible & latent loads
  - iv. Curt-perspective from chain accounts
  - v. Greg-layout of HVAC/Dishroom
  - vi. Mike M-hood sizing
  - vii. Joel – Hobart-
- 3. Seminar : Title: Building Life Safety
  - i. Co-Sponsor 5.4
  - ii. D. Sloan- Updates to UL standards
  - iii. Chris Lowell- Pollution Control Technologies
  - iv. Russ Robinson – ESP/Pollution Controls
  - v. Mark Tilles- Impact of Ozone on Cooking Emissions

**D. SSPC 154 Ventilation for Commercial Cooking Operations – Rich Swierczyna**

Sunday 06/25/17, 8:00 – 12:00 PM

- i. Liaison Ken attended and gave updates, Larry will be taking over
- ii. Discussed the work plan items, viewed summary of prioritization.
- iii. Worked on Work Plan Review for separating Type I & II hoods.
- iv. Motion – To Remove LIGHT TEST from Section 5.2.1.1 - Passed

**E. UL 710 – Dwayne Sloan – Mark S**

- 1. UL 8782 Pollution Control units now published
- 2. UL 710 6<sup>th</sup> edition changes effective date is Sept 13<sup>th</sup> 2017

**F. Codes and Standards – Need a Chair**

**G. Webmaster Report – Vern Smith**

- 1. [www.tc510.ashraetcs.org](http://www.tc510.ashraetcs.org).

**H. NSF – Tom Johnson**

**I. STD 189 – Greg Gress**

- 1. NTR

**J. IKECA - Mike Waltz – M10 Standard (3 of 3) will be updated & Publish in 2018 for owners**

- 1. The ANSI Consensus Body is finalizing their work on their last standard, *IKECA M10, Standard for the Methodology for Maintenance of Commercial Kitchen Exhaust*

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*Systems*. It is expected to go out for public comment in late summer-early fall and is anticipated to be published in early 2018. This standard is geared toward users of commercial kitchen exhaust systems providing additional guidance on how to properly maintain systems.

2. Once M-10 is published, the Consensus Body will turn their attention to the revision process. With an established five-year revision cycle, *ANSI/IKECA I10 2015: Standard for the Methodology for Inspection of Commercial Kitchen Exhaust Systems* will be reviewed beginning in 2019 for a revision due out in 2020. *ANSI/IKECA C10 2016: Standard for Cleaning of Commercial Kitchen Exhaust Systems* will be revised for publication in 2021.

**K. TC2.9 – Scott Sherwood**

1. Regulations in NY were passed.

**11. Membership**

- A. The committee currently has voting, corresponding and provisional corresponding members. There can also be two non-quorum voting members, which is particularly interesting for consulting engineers with infrequent attendance.
- B. After two consecutive meeting absences, inactive members will be removed from corresponding member list. An email notice to the current distribution list will notify all members of change and that meeting agendas, minutes, etc. can be found on TC 5.10 website.

**12. Old Business**

- A. NYC Pollution Control Unit and Cook Stove Regulations. Language is available on Base Camp site for review.

**13. New Business**

- A. Feedback on ASHRAE BaseCamp site
- B. Gregg Gress & Jason Greenburg have volunteered for Liaison 90.1
- C. TC2.5 Environmental – Climate Change
  1. RTUs, Exhaust Fan, Duct work – how they affect the environmental-adding heat to overall temperature

**14. Adjourn**

- A. Motion to Adjourn – Jimmy S, Second – Greg Duchane, (6-0-0-2).

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