

**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 06/25/18

TC/TG/MTG/TRG TITLE Kitchen Ventilation

DATE OF MEETING 06/25/18 LOCATION Houston, TX

MEMBERS PRESENT	MEMBERS PRESENT	MEMBERS ABSENT	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Vern Smith	Fuoad Parvin	*Dwayne Sloan	Shawn Ohara
Jason Greenberg	Derek Schrock	*Tony Spata	Daryl Erbs
*Jimmy Sandusky	Doug Horton		Derick Ramos
Jason Brown	Larry Smith		Delaine Deer
*Greg Duchane	Tim Farrell		Amy Muller
Frank Kohout	Jason Brown		
*Rich Swierczyna	Belirang Gilanpowr		
Mike Watz	Greg Gress		
Cherish Samuels	Curt Swan		
*Andre Saldivar			
*Russ Robison	*Terry McCabe		
Kevin Muldoon			

\*Voting Members

**DISTRIBUTION**

<b>All Members of TC/TG/MTG/TRG plus the following:</b>	
TAC Section Head:	Larry Smith
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	Arsen Melikov 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 25, 2018, 6:00-7:30PM  
Hilton, 335A, Houston, TX

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**1. Call to Order and Introductions**

A. Jimmy Sandusky called the meeting to order at 6:50 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 Chicago, IL**

A. Approved unanimously by Voting members, Motion – Rich Swierczyna, Second – Andre Saldivar, 6-0-0-2.

**6. ASHRAE Liaison Reports**

A. Scott/Larry - mentioned to reach out to other TCs for support

1. Letters of Recommendation are available
  - i. TAC understands that all members are volunteers

**7. Announcements**

A. TC/TG Chair Breakfast Announcements

Sunday 06/24/18, 6:30 am–8:00 am

1. For Houston - Summer 2018
2. 127 Papers were submitted, 105 accepted
3. 100 Seminars submitted, 72 accepted
4. 9 Workshops, 7 accepted
5. 11 Forum, 4 accepted

B. Webinar/Conference Call for Main Meeting is available

**8. TC 5.10 Roster Update**

- A. Roster updates completed with Russell Robison moving to chair, Andre Saldivar as Vice Chair.
- B. A new secretary for TC 5.10 is Derek Shrock, effective Jan 2019 meeting.
- C. Greg DuChane will be Handbook Subcommittee Chair, effective Jan 2019 meeting.
- D. Program Subcommittee Chair is needed, effective Jan 2019 meeting
- E. Voting Member Roll Off Dates

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1. 2018 Jimmy Sandusky
  2. 2019 Greg Duchane
  3. 2019 Andre Saldivar
  4. 2019 Terry McCabe
  5. 2019 Rich Swierczyna
  6. 2019 Russ Robinson
  7. 2019 Tony Spata
  8. 2020 Dywane Sloan
- F. Potential Roster Update
1. Mike Morgan & Derek Schrock - Producer
  2. Kevin Muldoon

**9. TC 5.10 Program Houston**

- i.* Seminar 5: Trials and Tribulations of Dishroom HVAC Design, Comfort and IAQ (Part I). Sunday June 24, 8:00 – 9:00 AM.
- ii.* Seminar 10: Trials and Tribulations of Dishroom HVAC Design, Comfort and IAQ (Part II). Sunday June 24, 9:45 – 10:45 AM.
- iii.* Seminar 66: Foodservice Design for Hot and Humid Climates. Wednesday June 27, 9:45 – 10:45 AM.

**10. Subcommittee and Standards Reports**

**A. Handbook – Frank Kohout**

Monday 06/25/18, 2:00-3:30PM

- i.* 2019 Handbook version voted for approval- Motion by- Russ, 2<sup>nd</sup> by Jimmy S. , 6-0-0-2.

**B. Research – Derek Schrock**

Monday 06/25/18, 4:30-6:30PM

1. Research Process flow chart was sent out
2. RP 1614 Evaluation of UV- PMS met Sunday 6/25/18- had a Quorum,
  - a. Update- given by Syracuse University, set up is ready, testing runs in July
  - b. Deadline is March 2019
  - c. Additional scope- Ozone testing was requested
3. WS- ~~1664~~ Latent & Sensible loads in kitchen.
  - a. Update: Greg DuChane
4. WS - 1825 Qualifying Makeup Air Entering Hood & Thermal Impact on Hood
  - a. Don Fisher is working on it
5. TRP 1178 for Dishroom comfort/ventilation -
  - a. Went out for bid. Bids received and being reviewed by PES.
6. New Research Project – Ideas (RTARs needed)
  - a. Filter Media for kitchen Applications
  - b. 90.1 Maximum Airflow
7. Grease Vapor Control Technologies- Jimmy S lead
8. Updates from Liaison- Scott, reach out to other TCs
- 9.

**C. Program – TBD**

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Monday 06/25/18, 3:30-4:30PM

**1. Atlanta 2019 Proposals- 8 Tracks**

i. Aug 3rd- seminar, forum, workshop proposals due

**2. Seminar- Grease Duct Track 1**

- i. Moderator Russ Robinson ,SponsorTC5.10/Co-Sponsor-(TC5.6/5.2
- ii. Keith – Factory Built vs Field Fabricated Grease Duct Safety & Performance
- iii. UL- Listed ducts?? Mark/Dwayne
- iv. Doug Horton

**3. Seminar : Heat Recovery Track 4**

- i. Moderator Russ Robinson
- ii. Rich S-

**4. Kansas City 2019 Proposals- 9 Tracks**

- a. Seminar- CKV Water Conservation Issues Track 3
- v. Moderator Rich S , SponsorTC5.10/Co-Sponsor-(TC xx
- vi. Russ R-

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

Sunday 06/24/18, 4:00 – 8:00 PM

- 1. Liaison Larry attended and gave updates
- 2. Discussed the items for discussion and voted on them. 4 of 6 were voted on.
- 3. Reviewed Working Plan/Groups Old and New.

**E. UL 710 – Dwayne Sloan**

- 1. NTR

**F. Codes and Standards – Jason Greenburg**

- 1. NTR

**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 Systems*. Currently being Reviewed.
- 2. I10- Inspection Standard to be updated 2020
- 3. C10- Cleaning Standard to be updated 2021

**K. TC2.9 – Scott Sherwood**

- 1. NTR

**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.

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- 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. ASHRAE 90.1 Maximum Exhaust Airflow Rates, Table 6.5.7.1.3.
  - 1. CFM per Linear Ft vs CFM Linear Ft per appliance

**13. New Business**

- A. 2019 Handbook Chapter Vote to Approve for Publication
- B. Kitchen committee to involve others TCs-set up a meeting
- C. Vern has asked anyone interested in reviewing Standard under SPC207- Air Handler

**14. Adjourn**

- A. Motion to Adjourn – Andre Saldivar, Second – Terry McCabe, (6-0-0-2).

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