

**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 06/30/15

TC/TG/MTG/TRG TITLE Kitchen Ventilation

DATE OF MEETING 06/29/15 LOCATION Atlanta, GA

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Michael Morgan	2012	Rich S	2015	Russ Robison
Jason Greenberg	2012	Mike Watz	2011	Cherish Samuels
Jimmy Sandusky	2013	Tony S	2015	Brent Fullerton
Steve Brown	2011	Derek Schrock	2013	Tim Farrell
John Clark	2011			Don Fisher
Frank Kohout	2009			Doug Horton
				Tony Spata
				Andre Saldivar
				Brian James
				Chris Thompson
				Rich Swierczyna
				James Sweeney
				Terry McCabe
				Meng Kong
				Fuoad Parvin
				Mark Skierkiewicz
				Jensen Zhang
				Vernon Smith
				Curt Swan
				Greg Duchane
				Andrey Livchak
				Rick Bagwell
				Glen Edgar

Minutes Submitted by: Andre Saldivar, 06/30/15

Minutes Approved on:

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

DISTRIBUTION

<i>All Members of TC/TG/MTG/TRG plus the following:</i>	
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

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TC 5.10 Kitchen Ventilation
Main Committee Meeting Draft Minutes
Monday, June 29th, 2015, 5:15-6:15PM
Hilton Atlanta, Room 404

1. Call to Order and Introductions

A. Jason Greenberg called the meeting to order at 5:25 PM

2. Voting Members* and Balance

Name	Affiliation	Name	Affiliation	Name	Affiliation
*Jimmy Sandusky	Halton	*Mike Morgan	CaptiveAire	*Jason Greenberg	McDonald's USA
Russ Robison	Gaylord Industries	Doug Horton	Consultant	Chris Thompson	Intertek
Mark Skierkiewicz	UL	Frank Kohout	McDonald's Corp.	Cherish Samuels	McDonald's USA
John Clark	Clark Engineering	Rich Swierczyna	FSTC	Fuoad Parvin	Halton
Andrey Livichak	Halton	Glen Edgar	Selkirk	Andre Saldivar	SCE
James Sweeney	Riverside Energy Efficiency Lab	Tim Farrell	Consultant	Tony Spata	Hyatt Hotels
Brian James	SCE	Terry McCabe	Greenheck	*Steve Brown	LC Systems
Rick Bagwell	Halton	Meng Kong	Syracuse University	Don Fisher	FSTC
Jensen Zhang	Syracuse University	Vernon Smith	Smith Energy Engineering	Curt Swan	Red Lobster Restaurants
Greg Duchane	Trane	*Mike Watz			

3. Quorum Call

A. 5 of 7 Voting Members Present, Jay Parikh & Adam Jarboe Absent

4. Code of Ethics

5. Approval of Minutes from Annual Meetings in Chicago, IL

A. Approved unanimously by Voting members, Motion – Mike Watz, Second – Jimmy Sandusky, 5-0-0-2

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6. ASHRAE Liaison Reports

- A. Rob CRC Chair See name on sign in roster
- B. IKACA- Mike Watz update: 3 Standards: Cleaning standard-addressing comments with work NFPA to harmonize the language. ASHRAE will get referenced for Std 154 and any language used. Inspection standard is under review. Maintenance standard is being developed.

7. Announcements

A. TC/TG Chair Breakfast Announcements

Sunday 06/28/15, 6:30 am–8:00 am, 303 (3), Hilton Atlanta

- 8 tracks for Winter 2016 due by Aug 10, ppt uploaded Dec 4
- 8 tracks for Summer 2016
- For Atlanta, a lot of topics proposed, 104 seminars, 62 got approved. 10 forums, 4 approved.
- Starting in Winter 2016, invited speakers fee will be waived.
- Speaker ratings have been low, average of 3.5 and lower from Seattle.
- TC5.2 is changing their scope.
- Activity form:

B. TC 5.10 PMS 1631 Meeting

Monday 06/29/15, 1:00 – 2:00 PM, Lobby

C. SPC 154

Sunday 06/28/15, 8:00 – 12:00 PM, Pavilion 1 (2)

8. TC 5.10 Roster Update

- A. roster changes to maintain balance of membership effective July 1st 2015:
 - 1. Terry McCabe to roll on in place of Mike Watz
 - 2. Greg Duchane to roll on in place of Steve Brown
 - 3. Russell Robison to roll on in place of Mike Morgan
 - 4. Tony Spata in place of Adam Jarboe
 - 5. Rich Swierczyna to roll on in place of Jay Parikh
 - 6. Add John Clark as voter, making 8 voting members
- B. 84 Members, a lot of inactivity, roster will drop to 47 effective July 1st. Need to attend meetings.

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9. TC 5.10 Program Atlanta

- A. Sponsor Seminar 57: Commercial Kitchen Ventilation Commissioning
(Wednesday, July 1st, 8:00-9:30 AM, Salon D) Chair: Frank Kohout

10. Subcommittee and Standards Reports

A. Handbook – Frank Kohout

Monday 06/29/15, 2:15-3:15PM, Room 404, Hilton Atlanta

1. 2019 Topics: Continued to work on the 4 topics: Residential hoods, Design examples, Dish rooms & Solid Fuel considerations.

B. Research – Derek Schrock

Monday 06/29/15, 4:15-5:15PM, Room 404, Hilton Atlanta

1. RP 1614 Evaluation of UV-
 - a. Will meet after Main on 06/29/15.
2. WS 1664 Conditioning of Replacement Air-RAC update: No lab exists currently that could perform the work. End current statement and break it up into 2 NEW statements and re-scope the project. Research Liaison proposed committee to respond to comments and break it up into 2 statements. Propose to Main and vote to END current WS.

1st part of project/statement: Make a phase 2 of the Thermal Comfort study.
2nd project/statement focused on Replacement Air.
3. RP 1631 PMS- Syracuse University provided an update:
 - a. Site visit by the PMS staff in April. Still need to 1 appliance for evaluation: commercial hot dog warmer/roller. Research Paper to be completed by September. Seminar for Winter 2016.
4. Submit RTAR for dishroom comfort/ventilation by July 17th.

C. Program – Mike Morgan

Monday 06/29/15, 3:15-4:15PM, Room 404, Hilton Atlanta

1. Odor forum which will support Track 6, look to co-sponsor with 2.3 and/or 4.3 was rejected for Atlanta and looking to resubmit for Winter 2016.
2. A seminar based on research from PMS 1631 taking place with TC5.10 Main. A technical paper session will be proposed from PMS 1631 for Summer 2016.

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3. Potential topics for Winter 2016 for Track 5 include: Integration DCKV with EMS, DCKV & Title 24 & ASHRAE 91, & Updates to Codes & Standards, and Standard 154. Rich, Don, Dwayne, Steve Brown with Mike Watz as Chair.
 4. Fire Safety in Foodservice Facilities seminar for Winter 2016 for Track 2 - Doug, Mike M.
- D. SSPC 154 – Steve Brown
Monday 01/26/15, 8:00 – 12:00PM, Montrose 4, Hilton Atlanta
1. Responded to the last 2 final comments were received during the public comment review period.
 2. Working group formed for next update to Std 154.
 3. ICC code proposals. Conference call to be scheduled.
 4. Rich S will be new Chair, Steve Brown will step down. Jimmy S will remain VC.

11. Membership

- A. Need to follow up with Society to notify that Andre Saldivar has been positioned as Secretary.
- B. 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.
- C. 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. Webmaster Report – Jason Greenberg

- A. Link: www.tc510.ashraetcs.org.

13. Old Business

- A. Standard 90.1 and Commercial Kitchen Ventilation, ASHRAE Journal, November 2014. Get from agenda.

14. New Business

- A. Meeting times and days. Proposing moving SSPC 154
- B. Mike Morgan motion a Liaison with NSF international – Tom Johnson volunteered.

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Mike Watz second. Approved unanimously by Voting members, 5-0-0-2

- C. UL 710 update, change from Temp rating over to Duty ratings.
- D. Bob Ajemian will cover Derek S for Winter 2016 for Research subcommittee.

15. Adjourn

- A. Motion to Adjourn – Jason Greenberg, Second – Steve Brown, 5-0-0-2, CV.

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