TC 5.10 Kitchen Ventilation
Main Committee Meeting Draft Minutes
2013 Winter Conference, Dallas, TX
Monday, January 28, 2013; 10:30AM – 12:00PM
Sheraton Dallas, Dallas Ballroom D2 (CC1)

I. Call to Order and Introductions
a) Mike Morgan called the meeting to order at 10:37 AM.

II. Voting Members* and Balance

<table>
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<tr>
<th>Name</th>
<th>Affiliation</th>
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<tr>
<td>Mike Morgan*</td>
<td>Captive Aire</td>
<td>Jimmy Sandusky</td>
<td>Halton</td>
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<td>John Clark</td>
<td>Consulting Engineer</td>
<td>Jay Parikh*</td>
<td>Compliance Solutions Intl.</td>
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<td>Jason Greenberg*</td>
<td>McDonalds USA, LLC</td>
<td>Derek Schrock*</td>
<td>Halton</td>
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<td>Rich Swierczyna</td>
<td>FSTC</td>
<td>David Harpring</td>
<td>YUM Brands</td>
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<td>Adam Jarboe*</td>
<td>YUM Brands</td>
<td>Curt Sawan</td>
<td>Darden, Inc.</td>
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<td>Mike Watz*</td>
<td>Greenheck/Accurex</td>
<td>Hugh Breslin</td>
<td>Grease Capture, Inc.</td>
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<td>Tom Carter</td>
<td>Caddy Corp.</td>
<td>Don Fisher</td>
<td>FSTC</td>
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<td>Rick Bagwell</td>
<td>Halton</td>
<td>Glen Edgar</td>
<td>VenTech Consulting</td>
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<td>Gregg Gress</td>
<td>ICC</td>
<td>Frank Kohout</td>
<td>McDonalds Corp.</td>
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<td>Steve Brown*</td>
<td>LC Systems, Inc.</td>
<td>Bob Eckweiler</td>
<td>Trane</td>
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<td>Greg DuChane</td>
<td>Trane</td>
<td>Dwayne Sloan</td>
<td>UL</td>
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<td>Gary Settles</td>
<td>Penn State</td>
<td>Russ Robison</td>
<td>Gaylord Industries</td>
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<td>Jack Rehder</td>
<td>Trane</td>
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III. Quorum Call
a) Jason Greenberg
b) Stephen Brown
c) Adam Jarboe
d) Derek Schrock
e) Jay Parikh
f) Mike Watz
g) Michael Morgan

IV. Approval of Minutes from Annual Meeting in San Antonio, TX
a) Motion to Approve – Mike Watz
b) Second – Jay Parikh
c) Vote 7-0-0, CV

V. ASHRAE Liaison Reports
a) 90.1 Liaison – Todd Gottshall, Taylor Engineering
   • No new information that directly affects commercial kitchen ventilation
b) IKECA Liaison – Mike Watz
   • Cleaning standard has ANSI approval and is to be published.
   • Inspection standard is in progress, tentatively scheduled to be completed 2014.
   • Next meeting April 2013

Minutes Submitted by: Jimmy Sandusky, 01/31/13
Minutes Approved on:
These draft minutes are not the official minutes until approved by this committee.
VI. Announcements
   a) TC/TG Chair Breakfast Announcements
      - *Sunday, 1/27/13 – 8:00AM, Sheraton Dallas, Majestic 1 (H37)*
      - Update roster and activity form electronically. Members to update Bio information on ASHRAE website.
      - CEC Status Updates for Dallas Program

   b) SPC 154 Ventilation for Commercial Cooking Operations:
      - *Monday, 1/28/13 – 2:15 – 6:15PM, City View 2 (H4)*
      - Chair: Derek Schrock

VII. TC 5.10 Sponsored Seminars, Dallas Program

   **Seminar 7**  
   **Commercial Kitchen Ventilation – The Design Process (Part1)**  
   **Sunday, 1/27/13**  
   11:00 – 12:30 PM  
   1. Exhaust Hood Selection and Appliances – Derek Schrock
   4. Fire Safety and Protection – Michael Morgan

   **Seminar 13**  
   **Commercial Kitchen Ventilation – The Design Process (Part2)**  
   **Sunday, 1/27/13**  
   1:30 – 3:00 PM  
   1. The CKV Engineers Perspective, Incorporating HVAC Load Calculations and Replacement Air Into Your Overall Building Design – Francis Kohout
   2. Integration of the CKV System with Building HVAC – Don Fisher

VIII. Subcommittee and Standards Reports
   a) Handbook – Frank Kohout
      - *Sunday 1/27/13, 8:00-9:30AM - Houston Ballroom C (CC3)*
      - Starting to revise handbook, due date Feb 1, 2014.
      - Addressing harmonization of 90.1 (Energy), 62.1 (IAQ), 154 (Kitchen Ventilation) and 189.1 (Sustainability)
      - Fundamentals to be published 2014, errors in dishwasher heat gain data to be addressed.

   b) Program – Mike Morgan
      - *Monday, 1/28/13, 8:00 – 9:00AM – Dallas Ballroom, D2*
      - Forum proposal for Denver “Viability of Heat Recovery for Compliance Path for 90.1”
      - Tim Ferrell proposed joint program between TC5.10 and TC2.9 on UV effectiveness.

   c) Research – Derek Schrock
      - *Monday, 1/28/13; 9:00 – 10:30 AM – Dallas Ballroom, D2*

Minutes Submitted by: Jimmy Sandusky, 01/31/13
Minutes Approved on:
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- Projects to receive votes, Approve final report of RP-1469, Vote on recommended bidder for TRP-1631.

d) Membership – John Clark
- New voting members roll on after June 2013 Annual Conference.
- Ensure bios are up to date.
- Sign up as non-voting, corresponding members online via ASHRAE website.

e) Webmaster Report – Jason Greenberg
- Webserver issues present, website to be updated with current information.

f) Codes and Standards – Steve Brown
- Submittals made to UMC to align with ASHRAE Standard 154.
  - Capture and Containment Field Verification
  - Air Balancing
    - Including schedule as portion of submittal.
  - Capacity of hoods.
  - Harmonization with NFPA 96

IX. Old Business
a) Potential Journal Articles for 2013
- Little system details that can result in large problems, Pitfalls in the design process (John Clark)
- Pressure and Water Testing for Duct Leakage (John Clark)
b) Demand Controlled Ventilation for Commercial Kitchens
- ASHRAE Journal, November 2012

X. New Business
a) Update: Commercial optical instrument to test capture and control in the field. Gary Settles, PhD.
- Retro reflective shadowgraph device for field C&C verification by Floviz, Inc. in Port Matilda, PA.
- Need to determine market feasibility.
b) TC5.10 Vote Required – 1631-TRP Evaluation, PES Recommendation
- Three bids received, proposals ranked. PES recommended bidder for project.
- Vote: 7-0-0, CV, Approved
c) TC5.10 Vote Required – RP-1469, Finalization of Report
- Vote: 7-0-0, CV, Approved
d) Vision and Scope of TC5.10
- Scope recently updated. From ASHRAE website, “Technical Committee 5.10 is concerned with the design, fabrication, installation, commissioning, cleaning and servicing of code-compliant, sustainable, commercial kitchen HVAC systems. Sustainability in commercial kitchens includes energy use, water consumption, and the impact of fats, oils and greases on ecosystems.”
  - Discussion on need of further modifications to scope.
  - Interaction with FCSI and ASHRAE for alignment
  - Motion for TC Name Change to Kitchen Performance – Derek Schrock
    - Second – Jason Greenberg
- Vote: 0-7-0, CV, Not Approved
  - Motion to establish working group to discuss name change – Mike Morgan
    - Second – Don Fisher
    - Vote: 7-0-0, CV, Approved

e) Update on UL Standards
  - UL710B expansion to include downdraft hoods.
  - 2013 focus on Canadian documents and harmonization.

XI. Adjourn
  a) Motion to adjourn - Mike Morgan
    - Second - Jason Greenberg
    - Vote: 7-0-0, CV, Approved