



**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
AIR-CONDITIONING ENGINEERS, INC.**
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404-636-8400

TC MINUTES COVER SHEET

TC 9.2 Industrial Air Conditioning
Date of Meeting: June 28, 2011

DATE: June 29, 2011
LOCATION: Montréal, Québec, Canada

| MEMBER PRESENT | YEAR APPTD | MEMBER ABSENT | YEAR APPTD | ADDITIONAL ATTENDANCE |
|----------------|------------|---------------------|------------|---|
| Deep Ghosh | 2010 | Matt Hargen | 2009 | Corr. Members: Mike Baucom Ravi Ganta Tom Axley Doug Abramson Research Liaison: Carl Hubner Guests: Paula Hernandez Sang Lee Eileen Jensen Bill Lampkin Jeong Huan Seo |
| Wayne Lawton | 2010 | Waller Clements | 2010 | |
| Mike Conner | 2011 | Norm Maxwell | 2008 | |
| | | John Fretthold | 2010 | |
| | | Vinod Gupta | 2010 | |
| | | Charles Shieh | 2010 | |
| | | Alfred Woody | 2008 | |
| | | Richard Evans VNQ | 2011 | |
| | | Vladimir Fedkiw VNQ | 2009 | |
| | | | | |

DISTRIBUTION

| <i>All Members of TC plus the following</i> | |
|---|---|
| TAC Section Head | Thomas Lawrence |
| TAC Chair | Charles Wilkin |
| All Committee Liaisons as shown on roster | Thomas Lewis, Cecily Grywacz, Stephanie Reiniche, Michael Vaughn |
| Manager of Standards | Stephanie Reiniche |
| Manager of Research & Technical Services | Mike Vaughn |

**TC 9.2 INDUSTRIAL AIR CONDITIONING
DRAFT
MEETING MINUTES – Montreal, Canada
JUNE 28, 2011**

Note: These draft minutes have not been approved. They are not official approved record until approved by the committee.

Meeting Location & Time: Hilton Bonaventure 900, rue de La Gauchetiere Ouest, Montréal, Westmount Conference Room, Tuesday 1:00-3:30 P.M.

Scope: Technical Committee 9.2 is concerned with industrial air conditioning applications, including process air conditioning, nuclear facilities, engine test facilities, computer and data processing areas, photographic materials facilities, printing plants, textile plants, waste disposal plants, paper products facilities, and underground mines.

PRELIMINARIES (Deep Ghosh)

The Annual Meeting of TC 9.2 was conducted in good order by the Chairman, Mr. Deep Ghosh, who called the meeting to order promptly at 1:00 PM.

Mr. Ghosh introduced himself and all other attendees followed.

Mr. Ghosh appointed Mike Baucom as acting secretary to record minutes in the absence of Abdel Darwiche.

A sign-in sheet was distributed for all members and guests to record their presence by name, affiliation and current e-mail address.

Three of twelve total voting members (including two voting non-quorum members) were present, not constituting a quorum. There were 13 people present, including four corresponding members, the Research Committee Liaison, and five guests.

Review of Las Vegas Minutes

Mr. Ghosh distributed copies of the minutes from the Las Vegas Minutes for review and comments. No significant comments being offered and no quorum present, the minutes were then tabled for future acceptance by quorum vote, if then possible at the Chicago Winter Meeting.

Section Head Meeting (Deep Ghosh)

Mr. Ghosh reported as outlined below on the Section Head Meeting, which was conducted on Sunday, June 26th, at 6:30 AM.

1. Primary discussions centered on CEC efforts to ensure that evaluations be properly summarized to evaluate speakers in a more effective manner.
 - a. The primary goal of this additional effort shall be to provide speakers with constructive feedback.
2. A “Members First” newsletter has also been established to achieve the following:
 - a. Establish a Document Review Committee to assess all documents
 - b. Gain valuable insights from the Research Committee
 - c. Encourage formation of Multi-Task Groups to collaborate toward the development of more programs (proxy votes are permitted)
 - d. The Website Link for the Newsletter is <http://www.ashrae.org/publications/detail/16150>
3. Future consideration of Group Site Usage shall be considered a priority for ongoing collaborative efforts between the Annual and Winter Meeting Events.
4. Members of all TC’s may now place nominations for Hightower Award.
 - a. Submit nominations to Chairman before September 1st, 2011.
5. Chicago Winter Meeting will occur January 21st to 25th, 2012.
 - a. Theme is “The Impact of HVAC&R on our Daily Lives”
 - b. Deadline for Seminar and Forum Proposals is August 12th.
 - c. All submissions must have six learning objectives and ten Q&A segments.
 - d. Attendance and Performance provides LEEDS credit.
6. San Antonio Annual Meeting will occur June 23rd to June 27th, 2012.
 - a. No Theme is established Website went live on June 22nd, 2011.

Membership Roster Review (Deep Ghosh)

1. Additions to Voting Members: (effective July 1st, 2011)
Mike Baucom,
Abdel Darwiche,
Leon Shapiro (tentative)
2. Additions to Coresponding Members: (effective July 1st, 2011)
Eileen Jensen
3. Deletions to Roster: (effective July 1st, 2012)
Charles DuPre, |
Edward Fuller,
Phillip Johnson,
Ram Kohli,
John Marks,
Michael Mathews
4. Voting Members Scheduled to Roll-Off in 2012 (effective July 1st, 2012)
Deep Ghosh,
Matt Hargen,
Norm Maxwell,
Al Woody

SUMCOMMITTEE REPORTS

Nuclear (Ravi Ganta)

See Attached Minutes

Handbook (Mike Conner)

1. All Ten Handbook Chapters are currently published.
2. TC 9.2 has been solicited to accept Spot Cooling from TC 5.8 by Norm Maxwell.
 - a. Norm Maxwell was unofficially nominated to author all revisions.
 - b. There being no quorum established, this item was tabled for the Chicago Winter Meeting.
3. Location of Chapter 14 “Engine Test Facilities” questioned by Wayne Lawton to Handbook Committee Chair.
4. Authors & Revisers of next Handbook modification activities to be considered at the Chicago Winter Meeting.
5. Tentative to her Committee appointment, Eileen Jensen volunteered to act as Secretary to the Handbook Subcommittee.

Research (Wayne Lawton)

1. RP 1395 is complete, with exception to the filling of the Disposition Form.
2. RP 1105 & 1395 was compiled to form this document, and is ready for publication.
3. Carl Hubner (Handbook Liaison, as Guest) was advised of status by Wayne Lawton.
4. Wayne Lawton to follow-up with researcher to ensure Disposition Form is filed.
5. Fifteen Research Projects now under consideration, with two scheduled for funding in the fall of 2011.

Programs (Deep Ghosh)

1. 9.2 Sponsored Seminar “Understanding Electrical Heat Gain” was conducted by Emilio Perosky and Warren White in Montreal, based on RP 1395 Program.
2. No Programs are currently scheduled for the Chicago Winter Meeting.
3. Ravi Ganta suggested a program and will attempt to submit abstract for the Chicago Winter Meeting:
“How does Sustainability and Net 0 Affect Industrial Facilities”
4. Deep to consider “Battery Room Ventilation” for presentation at the San Antonio Annual Meeting.
5. There being no quorum established, these items were tabled for the Chicago Winter Meeting.

Standards (Dough Abramson)

1. Standard 128 has been issued and closed.
 - a. Known as IEEE P1635 / ASHRAE 128, the document should now be available to the public.
2. ASHRAE Guideline 21/D9 balloted and at point of common resolution.
3. A Training Class for Project Committees was held on June 26th, 2011.

- a. A Webinar is scheduled to occur soon.

Journal Insights, Learning Institute (ALI) and Chapter Transfer Committee (CTC)
There being no Representatives Present, these items were tabled for Chicago

Ventilation of Hazardous Spaces (Mike Baucom)

1. Subcommittee Meeting was attended by Mike Baucom, Wayne Lawton, Tom Axley and George Menzies on June 26th, 2011.
2. Draft 3 of the VofHS Handbook Chapter or Design Guide Outline was reviewed and revised, as a follow up to a phone conference as attended on April 19th, 2011 by Mike Baucom, Abdel Darwiche, Dr. John McKernan, Bill Lampkin, Vernon Peppers, Wayne Lawton, Tom Axley and George Menzies.
3. A Seminar, co-chaired by the Historical Committee was suggested by George Menzies for the Chicago Winter Meeting with a working title of “What We’ve Learned – Preventing Catastrophic Events in Industrial Workspaces”

See Attached Minutes & Draft 4 of VofHS Handbook Chapter or Design Guide Outline

Webmaster (Mike Baucom)

1. At the request of Deep Ghosh, Mike Baucom displayed various elements of the TC 5.8 Website for the Committee’s consideration. A Q&A Session ensued, and the Chairman and a majority of the attendees determined that the format of the TC 5.8 Website was suitable for use as a new TC 9.2 Committee Website.
2. Deep Ghosh announced that he had submitted a request to Mike Vaughn for the user name and password to the current TC 9.2 Website, and committed to forward this information to Mike Baucom upon receipt.

Old & New Business

None

Announcements

The next TC 9.2 Committee Meeting will occur during the Chicago Winter Meeting at 1:00 PM on January 24th, 2012.

Adjournment

The meeting was adjourned at 3:30 PM, with no quorum established.

Draft Preparation

Mike Baucom, Acting Secretary