

ASHRAE
1791 Tullie Circle, N.E./Atlanta, GA 30329

TC/TG/TRG MINUTES COVER SHEET

TC/TG/TRG NO: TC9.2 **DATE:** July 1, 2014
TC/TG/TRG TITLE: Industrial Air Conditioning
DATE OF MEETING: July 1, 2014 **LOCATION:** Seattle, Wash

MEMBERS PRESENT:

Mike Baucom	TC 9.2 Chair	Voting Member
Eileen Jensen	TC 9.2 Vice Chair	Voting Member
Erich Binder	TC 9.2 Secretary	Voting Member
Ravi Ganta	Nuclear Sub Committee Chair	Voting Member
Mike Connor	Handbook Committee Chair	Voting Member
Vin Gupta	Programs Chair	Voting Member
Waller Clements	Research Chair	Voting Member
William Kumpf		Voting Member
Doug Abramson		Voting Member
Paula Hernandez		Corresponding Member
Kevin Marple		Corresponding Member

Conference Call

Deep Ghosh	Voting Member
Norm Maxwell	Voting Member
Matt Hargan	Corresponding Member
Jan Fretthold	Corresponding Member
Mike Vaughan	ASHRAE Staff
John McMurray	Corresponding Member

Call to order 1:00 pm

- 1.0 Introductions and sign in sheet achieved a quorum

- 2.0 Access by remote webinar was problematic but we did achieve participation by all.

- 3.0 Minutes from New York reviewed no comments. Minutes were approved unanimously.

- 4.0 Chair Report – Mike Baucom
 - 4.1 Code of Ethics presentation - encourage review by all members.

4.2 RAC going to smaller easier work statement RTAR for possible projects to simplify initial submittal.

4.3 Encourage use of Website 9.2

4.3.1 Newly updated

4.3.2 Keep Info current

4.3.3 Online update of

4.4 CEC is looking for members to review papers and other positions.

4.5 CEC is looking for program tracks for future meetings

4.5.1 TC 9.2 good opportunities for Chicago

4.5.2 Track 3 - Industrial Facilities and Track 6 - Life safety tracks.

4.5.3 Good opportunity for presentations.

5.0 Membership Report – Mike Baucom

5.1 New CM members; Kevin Marple and Carla Hernandez

6.0 Nuclear Subcommittee: Ravi Ganta

6.1 See Ravi's agenda and meeting minutes (Doug Abrahamson) report.

6.2 Reviewing possible updates for next Nuclear Chapter update.

6.3 Possible Design Guide for Nuclear Facilities being reviewed.

7.0 Cold Climate Conference: Erich Binder

7.1 Erich Binder reported that the Cold Climate Conference and Ventilation conferences will be held in Dalian China next year. They are looking for people to help present and review papers.

7.2 The Cold Climate Design Guide is being developed and is scheduled for release at the Chicago winter meeting.

8.0 Handbook Committee Report: Mike Connors.

8.1 Standards (Deep Ghosh): Guideline 21 is coming back to our TC for review of proposed changes from IEEE. They identified some problems and will either revise it or have an addendum.

8.2 IEEE already has a committee established to do this work and ASHRAE needs to do the same. TC9.2 has been asked to provide a name of someone to chair the ASHRAE side of this review.

8.3 Doug Abramson moved to have Deep Ghosh be the ASHRAE chair; Bill Kumpf seconded. The vote was: 10-0-0 (CV).

9.0 Handbook (Mike Connor):

9.1 All handbook chapters are in to Society. One form was corrected and resubmitted Sunday. Galley's will be sent to reviewers this fall; the final printed version will be out next year.

9.2 Mike suggested the committee looks at developing one or two new handbook chapters; ideas included automotive manufacturing, toner plants, and pharmaceuticals. This could be a way to focus our efforts at recruiting new members.

- 9.3 Doug Abramson suggested developing a decision tree/flow chart for the handbook chapters to help new people.
- 9.4 Bill Kumpf said the handbooks are not meant to be a design guide; they are just things to be aware of when designing. Design Guides are a salable product for ASHRAE and are separate.
- 9.5 There was a general discussion on how to get younger members involved. A question was asked about electronic handbooks; Mike Baucom to follow up.
- 10.0 Research (Waller Clements): Nothing new to report.
- 11.0 Programs (Vin Gupta):
- 11.1 Mike Connor had submitted a seminar for this meeting but it was not accepted. There will be an industrial track for Chicago (January 2015); Mike C. will resubmit. The title of the seminar will be "Waste Heat Recovery – Part II". Mike C. will chair and give a case study, Ravi Ganta will present on the "Use of Refrigerant in Ultra Low Dehumidification from 135 grain to 0.5 grain", and Vin Gupta will provide a third case study.
- 11.2 Mike Baucom volunteered to chair a workshop on "Applicable Standards for Hazardous Spaces" under the Life/Safety track. He is particularly interested in getting information from international members. Deep Ghosh is planning on a seminar on Battery Room Ventilation for Atlanta (June 2015); Deep was planning on speaking about ASHRAE Guideline 21.
- 11.3 Mike Baucom said he could present on classified spaces.
- 11.4 Deep will approach someone from TC9.9 (Data Centers) to see if anyone from that committee would be interested in presenting on this subject.
- 11.5 Kevin Marple is proposing on a workshop for Orlando (January 2016); the tentative topic would be "Industrial Technical Committees in ASHRAE". Since this has been done as a seminar in the past, we will need to be careful in defining the scope, so that it doesn't get rejected by CEC.
- 12.0 Hazardous Space (Mike Baucom):
- 12.1 Will be developing a new Design Guide in conjunction with TC5.8.
- 13.0 Standard 62.1 Liaison (Waller Clements): No updates.
- 14.0 Standard 90.1 Liaison (Leon Shapiro): No updates.
- 15.0 Webmaster (Mike Baucom): The website is up to date as of today.
- 16.0 Journal/Insights Liaison (Norm Maxwell):
- 16.1 Nothing has come up.
- 16.2 Mike Baucom said he may have an Insights article to submit on hazardous spaces.
- 17.0 ASHRAE Learning Institute (ALI) (Norm Maxwell): Nothing to report.

18.0 Chapter Technology Transfer Committee:

18.1 There has not been an official CTTC member present for some time. Mike Baucom will remove it from future agendas.

19.0 Old Business:

19.1 Eileen Jensen reported that the electronic ballot for Chapter 29 of the Applications Handbook (Mining Ventilation) was unanimously approved as submitted to the committee. This has been submitted to the Handbook committee for processing.

20.0 New Business:

20.1 Mike Baucom already reported on the formation of a committee to review Guideline 21 (Battery Room Ventilation) under the Standards portion of the meeting.

20.2 Mike Baucom will be working with TC5.8 to form a Handbook Chapter Review Subcommittee for Ventilation of Hazardous Spaces.

20.3 Deep Ghosh asked if anyone has heard any information on the status of officially forming a committee to review Standard 128.

20.4 Neither Mike Baucom or Eileen Jensen has received any further information from Mark Weber on the subject. Mike will follow up with Mark

21.0 Adjournment:

21.1 Mike Connor moved to adjourn the meeting at 3:01 pm.