

**AMERICAN SOCIETY OF HEATING, REGRIGERATING AND AIR-
CONDITIONING ENGINEERS, INC.
1791 Tullie Circle, N.E./Atlanta, GA 30329
404-636-8400**

TC/TG/TRG MINUTES COVER SHEET

TC/TG/TRG NO TC9.2 DATE June 25, 2013

TC/TG/TRG TITLE Industrial Air Conditioning

DATE OF MEETING June 25, 2013 LOCATION Denver, CO

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Waller Clements	2010	Charlie Shieh	2010	Norm Maxwell, CM
Vin Gupta	2010	Richard Evans M – NQ	2011	Leon Shapiro, CM
Ravi Ganta	2011	Vladimir Fedkiw M – NQ	2009	Don Colliver
Mike Connor	2011	Tom Axley	2012	Bill Lampkin
Deep Ghosh	2010			Kevin Marple
Eileen Jensen	2012			Kyle Wessells
Wayne Lawton	2010			Nadeem Khan
Jan Fretthold	2010			
William Kumpf	2012			

M – NQ – Member Non-Quorum

HBC – Handbook Committee

CM – Corresponding Member

DISTRIBUTION

<i>All Members of TC/TG/TRG plus the following:</i>	
TAC Section Head:	Tom Lawrence
TAC Chair:	Bill McQuade
All Committee Liaison As Shown on TC/TG/MTG/TRG Rosters:	
Manager of Standards Manager of Research & Technical Services	Stephanie Reiniche Mike Vaughn

**TC 9.2 Industrial Air Conditioning
Meeting Minutes – Denver, CO
June 25, 2013**

Note:

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

Meeting Location:

Denver, CO at the Sheraton Convention Center

Call to Order, Introductions & Acceptance of Previous Meeting Minutes:

Meeting was called to order by Chairman Deep Ghosh at 1:02 PM
The Chairman gave opening remarks and called for Introductions
The Sign-In sheet was distributed and returned to the Secretary.

W. Lawton will be cycling off as a voting member. C. Shieh needs to be asked if he can continue. D. Ghosh will be cycling off as a voting member. M. Baucom, E. Binder, and N. Maxwell will be cycling on. E. Binder will be the new secretary, E. Jensen will be the new vice chair, and M. Baucom will be the new chair.

Quorum was established with 9 voting members present out of 11.

Chairman called for acceptance of the minutes for Dallas; it was noted that M. Baucom was not actually a voting member as shown – he is CM. W. Lawton moved to accept the minutes with the correction and W. Clements seconded the motion to approve the minutes as amended. Vote: 9-0-0-0 CV

Chair Report:

E. Jensen reported on the TC Chair's breakfast. They are encouraging members to nominate people for the awards, including self-nominations. It was noted that the following committee members were recognized at this meeting's Plenary session: Doug Abramson – Distinguished Service Award, Norm Maxwell – Distinguished Service Award, Waller Clements – Distinguished 50 Year Member Award.

D. Ghosh was presented with a certificate of appreciation for his work as chair of TC9.2.

They also encouraged TC members to get more involved with their local chapters by using the template for presentation by TC members.

ASHRAE is also asking members to update their bios so that their employment discipline is current.

Members will be receiving an e-mail from outgoing President Tom Watson, offering to send thank-you letters to their employers to acknowledge their efforts on behalf of ASHRAE. Members are encouraged to take advantage of this offer.

ASHRAE is continuing to experiment with GoTo Meeting for electronic participation in TC meetings; D. Ghosh asked if this committee would be interested in trying this in New York; the consensus was “yes”. E. Jensen volunteered to coordinate this.

It was noted that the TC9.2 website needs to be updated.

Membership Report, D Ghosh:

N. Maxwell, M. Baucom, and E. Binder will be rolled onto the committee as voting members next year. Since C. Shieh is going to be out of the country for 2 years, he will likely be moved to CM. K. Marple, B. Lampkin, K. Wessells, and N. Khan have requested to become CM.

Nuclear Subcommittee Report, by R. Ganta:

Seven members attended the Monday meeting.

See attached report.

Handbook Subcommittee Report, by M Connor:

M Connor updated the status of each Chapter and the road map to the Chapter revisions.

Chapter	Number	Lead	Target Date
Industrial Air Conditioning	14	Charlie Sheih	1/14
Engine Test Facilities	17	Al Woody	6/13
Printing Plants	20	Norm Maxwell	6/13
Textile Processing Plants	21	Mike Connor	6/13
Photographic Material Facilities	22	<i>Vote to Sunset</i>	
Air Conditioning of Wood and And Paper Facilities	26	Deep Ghosh	6/13
Power Plants	27	Eileen Jensen	6/13
Nuclear Facilities	28	Deep Ghosh	1/14
Mine AC and Ventilation	29	Erich Binder	1/14
Industrial Drying Systems	30	Doug Abramson	6/13

Key Dates:

1. Final Identification of Leads 1/12 – Done
2. Scope of Revisions Defined 6/12 - Done
3. Start Revision of Chapters 6/12 - Done
4. Discuss Chapter revisions (1 hr subcommittee mtg.) 1/13 - Done
5. Discuss Chapter revisions (3 hr subcommittee mtg.) 6/13 - Done
6. Send Chapter for TC for review 6/13 – In Progress

7. Discuss Chapter revisions – Target Date #1 (3 hr subcommittee mtg.) 6/13 - Done
8. Vote on completed chapters – Target Date #1 6/13 - Done
9. Discuss Chapter revisions – Target Date #2 (3 hr subcommittee mtg.) 1/14
10. Vote on completed chapters – Target Date #2 1/14
11. Proofs sent to Handbook Committee liaison 3/14
12. Galleys sent to TC Handbook chair 3/15
13. Handbook sent to Printer 4/15
14. Handbook mailed 5/15

The following chapters were voted on by the committee:

Engine Test Facilities, Chapter 17: Moved to approve by W. Lawton, seconded by R. Ganta. Vote: 9-0-0-0 CV

Printing Plants, Chapter 20: Moved to approve by W. Lawton, seconded by R. Ganta. Vote: 9-0-0-0 CV. It was noted that we will need someone to help us review this next time or it is in danger of being too out of date.

Textile Processing Plants, Chapter 21: Moved to approve by W. Lawton, seconded by R. Ganta. Vote: 8-0-0-0 CV

Air Conditioning of Wood and Paper Facilities, Chapter 26: Moved to approve by V. Gupta, seconded by W. Clements. Vote: 8-0-1-0 CV. The abstention was because the voter was not comfortable voting for or against.

Power Plants, Chapter 27: Moved to approve by E. Jensen, seconded by W. Lawton. Vote: 9-0-0-0 CV

Industrial Drying Systems, Chapter 30: Moved to approve by W. Lawton, seconded by R. Gupta. Vote: 8-0-0-0 CV

Chapter 14, Industrial Air Conditioning, is still being commented on by the subcommittee and is planned to be voted on in New York. Likewise, Chapter 29 Mine Air Conditioning and Ventilation is being reviewed and is planned to be voted on in New York. Lastly, the Nuclear Facilities chapter (chapter 28), is being reviewed and will be voted on in New York.

Research Report (W. Clements):

W. Clements attended the research chair breakfast and to the best of his knowledge, we don't have any RTARs going. ASHRAE does have funding available (\$2.9 million) and is looking for work statements for new projects from the TCs. It typically takes about 2 years to process the paperwork. D. Ghosh asked for any research proposals – none were submitted.

Programs Subcommittee Report (V. Gupta):

See attached report.

Standards Subcommittee Report (N. Maxwell):

There is nothing to report at this meeting.

Standard 90.1 Liaison (L. Shapiro):

Was unable to attend due to schedule conflict with his CEC committee. He reconfirmed that 90.1 still is keenly interested in an industrial standard. W. Lawton noted that TC5.8 is pushing for industrial issues to be addressed in the IBC. D. Ghosh asked for copies of the 90.1 meeting minutes. L. Shapiro requested that D. Ghosh send a letter to the chair of 90.1, noting that he is still the liaison from TC9.2 to 90.1 and to request reappointment for him.

Standard 62.1 Liaison (W. Clements):

62.1 – 2013 will be published around October of this year. Industrial plants were not discussed at this meeting, unlike the last meeting. The main discussion was about a scope change between 62.1 and 62.2 to try and clarify some residential-type applications should belong; to be continued in New York. D. Ghosh asked W. Clements to continue to bring back any potential controversial problems to the committee for action.

Webmaster (M. Baucom):

Not present. D. Ghosh asked if he still had time to do this but he did not receive a response. D. Ghosh has agreed to help with this.

Hazardous Spaces (D. Ghosh):

Nothing to discuss.

Journal/Insights/ALI report (N. Maxwell):

Nothing to report. D. Ghosh is trying to put together an article for ventilation cooling in the Journal.

Old Business – None.

New Business –

High Performance Energy Guide (D. Colliver):

D. Colliver is the chair of the AEDG steering committee, which is a consortium of ASHRAE, AIA, USGBC, and IES. Some of the steering committee partners did not think there was enough demand for this type of information in industrial applications. He suggested that perhaps the AEDG was not the best vehicle for presenting this type of information but rather a special publication would be better. This discussion stemmed from a motion from the Saskatoon chapter during their CRC. Another suggestion was that maybe the focus be on certain systems applications as opposed to an entire industry. D. Colliver noted that the AEDG process takes 8 – 11 months. D. Ghosh noted that A. Woody had started an outline and that perhaps there could be funding provided for him to flesh this out with the help of the cognizant TCs. TC9.2 could also take this on as a

special project, with help from the other TCs. D. Colliver suggested that this TC take this to the section heads for discussion. There is some concern that there will be action taken outside of these committees so this is a driving force to get involved.

Meeting Adjourned at 3:25 PM

Sincerely,

E. Jensen
TC 9.2 Secretary