

**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. TC 2.5 DATE 23 January 2015

TC/TG/MTG/TRG TITLE TC 2.5 Global Climate Change  
DATE OF MEETING 1 July 2014 LOCATION Seattle, Washington

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Mr. Matt Ritter	7/01/2013	Mr. James G. Crawford	7/01/2012	Van Baxter (CM)
Mr. William F. McQuade, PE	7/01/2012	Dr. Steven H Bernhardt	7/1/2010	Jibo Sanyal (CM)
		Mr. Bruce Lindsay	7/1/2012	Don Brundage (CM)
		Dr. Anthony Arguez	7/01/2011	John Karakash
		David S. Godwin (NQ)	7/01/2012	Joel Hall (CM)
				Osami Kataoka (CM)
				Eric Sturm (PCM)
				Harvey Sachs (Res. Liaison)
				Billl Walter (CM)
				Alamew Brooks
				Gay Powell
				Rich Robertson
				Larry Burns
				Kristen Cetin

**DISTRIBUTION**

*All Members of TC/TG/MTG/TRG plus the following:*

TAC Section Head:	J. Thomas Sobieski
TAC Chair:	Walter T. Grondzik

All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters:	
Manager Of Standards Manager Of Research & Technical Services	Stephanie Reiniche Mike Vaughn

**1. CALL TO ORDER [Bill McQuade]**

- 1.1. Introduction of members and guests and determination of quorum. Quorum was not achieved.
    - 1.1.1. Members Present (02) were: Matt Ritter, William F. McQuade,
    - 1.1.2. Members Absent (05) were: James Crawford, Steven Bernhardt, Bruce Lindsay, Dr. Anthony Arguez, and David S. Godwin (NQ)
    - 1.1.3. Corresponding members present (07) were Van Baxter, Don Brundage, Osami Kataoka, Eric Sturm, Joel Hall, Jibo Sanyal, and Bill Walter.
    - 1.1.4. Guests were John Karakash, Harvey Sachs (Research Liaison.), Larry Burns, Alamew Brooks, Gay Powell, Rich Robertson, Lrry Burns, and Kristen Cetin
  - 1.2. Agenda revision / acceptance
  - 1.3. Establishment of a quorum. A quorum was not present for the meeting.
  - 1.4. Approval of 29 January 2013 (Dallas) meeting minutes, 25 June 2013 (Denver), and 21 January 2014 (New York). Because TC 2.5 did not have quorum for this meeting, minutes from 29 January 2013 (Dallas), 25 June 2013 (Denver), and 21 January 2014 (New York) could not be approved.
2. The ASHRAE Code of Ethics was read by Chairman McQuade.

**UPDATE REPORTS ON RELATED TREATIES/ACCORDS AND ACTIVITIES [Round Table Discussion]**

- 2.1. International Treaties on Climate and Ozone
- 2.2. European F-Gas Update
- 2.3. North America
- 2.4. China and Rest of Asia

**3. UPDATE ON CLIMATE CHANGE POSITION DOCUMENT – [For Discussion and Vote] A vote could not be held because we did not have quorum.**

**4. LIAISON REPORTS**

**5. SUBCOMMITTEE REPORTS**

- 5.1. Program [Eric Sturm]
  - 5.1.1. Possible future programs for:
    - 5.1.1.1. Chicago, 24 January to 28 January 2015
    - 5.1.1.2. Atlanta, June 27 – July 1, Atlanta
- 5.2. Handbook [Baxter/Ritter] –
  - 5.2.1. 2013 Handbook of Fundamentals, Chapter 29 Refrigerants, GEP section 2013 Handbook of Fundamentals

5.2.2. Chapter 34 Energy Resources (TC 2.8 cognizant TC)

5.2.3. Discussion of Climate Change Handbook Chapter

5.3. Web Site [Don Brundage] The web site has been updated to the new format.

5.4. Research [Jibonananda Sanyal]

5.5. Standards [Bill Walter]

5.6. MTG Update [John Karakash]

**7. OTHER BUSINESS**

**8. ADJOURN**

6.

6.1.