

**ASHRAE TC 9.2 – Industrial Air Conditioning and Ventilation Committee  
Annual Meeting MINUTES – Virtual Meeting**

**DRAFT**

**Thursday 6/18/2020  
1:00 – 3:30 P.M. EDT**

*1:00 - 3:30 P.M. Kevin Marple chaired the meeting*

**1. Call to Order and Opening Remarks - Marple (1307 EDT)**

“Commitment to the ASHRAE Code of Ethics – In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)”<https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>

**2. Self-Introduction of Members and Guests – All**

Please Sign-in: <https://forms.gle/1RjqiLo38XQPZDW1A>

**3. Quorum Status Determination of Meeting Quorum – Marple/Phyfe**

Quorum reached: 8 of 9 present at votes, final attendance of 6 members

Voting Members:

Kevin Marple ✓ (roll-off 6/30/20)	Bill Lampkin ✓ (roll-off 6/30/21)	Mike Connor ✓ (roll-off 6/30/20)
Duncan Phyfe ✓ (roll-off 6/30/22)	Mike Baucom ✓ (roll-off 6/30/21)	Erich Binder ✓ (roll-off 6/30/21)
Ravi Ganta Absent (roll-off 6/30/22)	John McKernan ✓ (roll-off 6/30/21)	Joel Foster ✓ (roll-off 6/30/22)

**4. Approval of Minutes from Atlanta Minutes – Marple/Phyfe**

- (Phyfe) minor edits from review copy

Motion: Binder / to accept the minutes as agenda  
Second: Connor

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Vote: Unanimous (8-0-0, chair voting) / Motion Passed

**5. Chair Report Section Chair Meeting Update – Marple**

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*TC 9.2 Chair: Highlights from Chairs breakfast (full report attached)*

- TC reorganization recap
- CEC request for review of submissions
  - Member has been stepping up to support
  - Good interaction with TAC
    - CEC does not have full expert range
  - CEC continues to look for TAC membership support (see attached)
- Winter 2021 currently schedule for January in Chicago

*Section 9 section head: - Payne*

- General thank you
  - Excellent attendance for Section 9 virtual meetings
- Check website, please keep updated
  - New template very simple
- ASHRAE
  - Website has great tools
  - Pushing for merging TCs
    - 9.4 merged with 9.6
    - (Marple)
      - 5.8 merger 2 years ago into 9.2 (Kumpf comment too)
      - 5.4 leadership in conversations about possible fit together
        - Membership @ 5.4 has recently increased participation & activities
  - Meetings for TC
    - Email [tcmeetings@ashrae.net](mailto:tcmeetings@ashrae.net)
    - Setup virtual meeting

**6. Voting Member Status, Roster Update & New Members Announcements - Marple**

- 2 members rolling off
  - Kevin Marple & Mike Connor
  - Orlando 8 new members
    - 5 are YAE
  - Connect with Marple if interested in upgrading to Voting Member

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**DRAFT**

**7. Chapter Technology Transfer Committee (CTTC) Liaison - (Marple)**

- Marple - unable to sit in on meeting for Virtual conference

**8. Handbook - Goodman**

- No report

**9. Research - Mead**

- No report

**11. Program – Foster**

- Orlando - follow up
  - Seminar: Cold climate design
  - Workshop: Guideline 21 Battery Thermal Storage
- Virtual meeting - will have to report back
- Chicago - will be following up with TC membership
  - Seminar submission deadline - 8/3/2020

**2021 Winter Meeting – Chicago, IL**

**Potential and/or Future Topics for TC9.2**

1. Nuclear Design Guide updates (Champion: Deep Ghosh)
2. Hazardous spaces guideline updates (Champion: Mike Baucom)
3. Industrial vent conference – separate conference, but still under ASHRAE – see main meeting notes for more detail
4. Oil and gas chapter for cold climate guide (Champion: Eric Binder)
5. Paint spray booth applications (Fundamentals track?, Champion: ?)
  - #1 - Ghosh: Nuclear Design Guide won't be ready for Chicago
  - #2 - Baucom: waiting to see when published
    - Possible “preliminary” presentation should the publishing folk allow
    - Marple: to follow with contact info @ ASHRAE to support
  - #3 - *to be covered later in meeting*
  - #4 - Binder - listed under new business
  - #5 - Foster: Looking for a paint spray booth champion
    - Baucom: would contribute “user side”
    - Lampkin: will look to see if he has some contacts that would be interested

**11. Standards –Ghosh**

- Workshop from Winter Meeting - question on Li-Ion battery
  - Form another committee to address Li-Ion
  - IEEE meeting 6/17/2020 (Binder & Ghosh)
    - Not a simple “edit” much more complexity
    - Starting process

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**DRAFT**

- Goal to complete in within year
  - Marple: Deep Ghosh appointed by TC as ASHRAE as representative with IEEE
- DOE design guide on back burner

**12. Nuclear (Winter Meeting Only) - MacMurray**

- No update

**13. Hazardous Spaces**

- Design Guide Development Report & Discussion - Baucom
  - Forward & Credits (see attachment)
    - Discussion of liability for listing company names in credits
  - Binder: publishing date?
    - Unknown date at this point
    - Appears that some of the MOPS procedures have been bypassed
      - Skipped possible technical review
        - Binder possible Guide vs. Standard
        - Binder: kick-off @ conference “coffee break”

**14. STD 62.1 Liaison**

- No report
- Position Open

**15. STD 90.1 Liaison - Baucom**

- No formal report, COVID has delays

**16. TG 2 HVAC Liaison - Abramson**

- TC 2.10
- No report

**17. Webmaster - Baucom**

- Fully updated
- Web Sites <http://tc0902.ashraetcs.org/index.php>

**18. Journal/Insights Liaison - Maxwell**

- No report

**19. ASHRAE Learning Institute (ALI) - Maxwell**

- no

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**20. Old Business:**

*Ventilation 2021 Conference - Marple/Binder*

- February:
  - Request for papers
  - Fundraising efforts started (sponsorships)
- Covid - created a pause in push forward
- Looking to start the push back up in July
- Live & Virtual components
- Eileen: website ready for submission
  - At present 1 submissions
  - Looking to promote VHOS

*MTG - Air exchange rate*

- Should be included with TC 9.2 liaison reports
  - Binder & Connor good sources between the two

**21. New Business**

*Industrial HVAC Guide for Oil & Gas Facilities - Baucom/Binder*

- Been on back burner coming forward as cold climate publication is completed
  - Binder: looking to setup a meeting to restart in July (invite TC)

*COVID-19 - Ghosh: is there something we should be doing*

- How does covid impact industrial facilities
  - Marple: manufactures are looking at it but very specific
  - Marple: can look to bring it to ADHOC ASHRAE committee
- Kumpf: is it too late?
- Where does TC 9.2 effectively work in solving infection control
  - McKernan: much of this information is available
    - Sent ASHRAE position paper for Marple to distribute
    - However, source for this control from the human vs. specific location
    - Ventilation control on point sources in industrial only environments
    - Risk: 30-50% show no sign of infection
  - Marple: companies are taking steps looking creating a guideline
    - Co-write with ACGIH?
    - TC looking positive at co-written approach
    - submit McKernan as liaison role between two organizations
    - Binder to bring it up within the ASHRAE organization

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- McKernan to do the same on the ACGIH side

*Toxic Shelter Guidance - Marple/Baucom*

- Saw efforts of the VHOS
- Table discussion based on meeting attendance
  - Pick up in Chicago

**22. Adjourn Announcement of Next Meeting**

- Next meeting: Chicago 6/26/2021

Adjourn: Binder moved. 14:59 EDT

Respectfully submitted

Duncan Phyfe  
Secretary  
June 19, 2020

Attachments:

- TC 9.2 Agenda for Summer Virtual Meeting
- TC 9.2 Approved Meeting Minutes from 2020 Orlando (not including attachments)
- TC 9.2 Sign-In
- TC 9.2 Programs Important Dates as of July 8, 2020
- TC 9.2 VHOS: Forward, Credits & Dedication
- TC 9.2 Liaisons Report MTG OBB and Tc 2.10 Resilience and Security. (July 20, 2020)
- Virtual Meeting 2020, TAC Section Head Breakfast Handout