

## ASHRAE TC 5.4 INDUSTRIAL PROCESS AIR CLEANING (AIR POLLUTION CONTROL)

### Meeting Minutes

June 29, 2015 2:15PM to 4:15PM, Room 408 Atlanta Hilton, Atlanta GA

*These draft minutes must be approved by this committee to be the official approved record.*

*Note: For votes concerning standards actions all members must be given an opportunity to vote. In the event all members are not present at the meeting a letter ballot will be sent to the absent members to vote, that will include all negative votes at the meeting and a Chair's response. In the event negative votes are received during the continuation ballot a recirculation ballot will be conducted.*

*Negative voters with comment on publication public review votes will be given an opportunity to appeal once the Board of Directors has approved the document for publication. Negative voters who do not comment **will not** be offered a right to appeal.*

**Attendees** (include voting members and guests) [see sign in sheet below]

Name	Affiliation	Name	Affiliation
Tim Hudson (VM)	Camfil	Bruce McDonald	Consultant
Bob Burkhead (VM)	Blue Heaven Technologies	Dave Schaaf	Freudenburg
Andy Untz	Donaldson	Adam Bumann	AAF
Jason Guelda	AAF	Jack Clements	Consultant
Geoff Crosby (VM)	Lydall	Daniel VanGilder	Camfil
Chris Fischer (VM)	Donaldson	KJ Choi	C&S
Monroe Britt (VM)	Greenleaf Technologies	Michael Patton	ASHRAE Handbook
Ken Peet	TAC Section Head	Anja Coeren	Freudenburg
Gerhard Knutson (VM)	Knutson Technologies	Bill Lampkin	Greenheck
David John	Section 5 RAC Liaison	Sanjeen Himgorani	Lennox

- **Call To Order**
  - Meeting called to order at 2:30PM by Tim Hudson, Chair.
- **Membership Roster**
  - Voting Members Present (6 of 6, quorum): Geoff Crosby, Chris Fischer, Monroe Britt, Bob Burkhead, Tim Hudson, Gerhard Knutson
  - Corresponding Member list is out of date
    - Tim to update roster and submit membership form.
- **Approval of minutes from last meeting**

*Any votes should be recorded as (Yes, No, No with comment, Abstention, and Unreturned)*

  - Minutes Reviewed from January 26, 2015 meeting
    - Bob Burkhead motioned to approve, seconded by Geoff Crosby.
    - Vote passes (6,0,0,0,0)
- **Section 5 Report**
  - 5.2 Changing Title to Ductwork Design.
  - Discussion of Seminars within TC Meetings. Some TC groups have already been doing, just making TC meetings longer. Looking for approval through CEC. Ken Peet to follow up. This is due to Programs not getting approved and TC groups believe still important enough to have.

Minutes submitted by: Chris Fischer, June 29, 2015

Minutes approved on: June 27, 2016

- Looking to recruit more, younger TC members, now “ashrae.org/joinatc”.
- CEC to introduce “Workshops” as another form of Programs.
- Orlando Seminar and Forum Session Proposals are due August 10th, 2015
- **Sub-Committee Reports**
  - Research (Jason Guelda)
    - RTAR 1623: Oil Mist (Monroe Britt)
      - Need to write a Work Statement (perhaps even re-submit RTAR)
      - Jerry Douglas & Dan Rousseau not interested
      - Tim Hudson has contacted Tibor Lennor and Ralf Heist of Camfil Handte about assistance and involvement. Positive response, just have to followup.
      - RAC report dated Feb 14, 2012.
      - Monroe & Tim to discuss needs to write a work statement
  - Standards (Gerhard Knutson)
    - Chris Fischer new chair of SPC-199
    - SPC 199 draft submitted to ASHRAE
  - Handbook (Bob Burkhead)
    - Sent out entire chapter three times
      - No one responded to requests for comment
      - Bob to review for current reference to any standards needed
      - Motion by Monroe Britt: “Release Chapter 30 as written to the handbook”, seconded by Geoff Crosby
        - Vote passes (6,0,0,0,0)
    - Discussion:
      - Out of date, and not used by anyone on the committee
      - Perhaps should be entirely rewritten to be more useful
        - Rewrite in time for republishing date in 4 years (or 2 years for on-line version)
        - Bob will create subcommittee
          - Bruce, Jack, Monroe, Tim, Andy & Jason
          - Paul Lindahl – Handbook Liaison
          - Webmeeting late September
          - Meet in Orlando as a separate meeting
  - Program (KJ Choi) [see attached report below]
    - Orlando (Deadline Aug 10<sup>th</sup>)
      - Track 1 Workshops: Impact of Mist Elimination on Industrial Air Filtration
        - Kevin to check with Dan Rousseau as a speaker
      - Track 2: Workshop: Explosion Suppression
    - St Louis?
      - Need suggestions for titles.
      - Need to start early for seminar
- **Website** (tc54.ashraetcs.org)
  - Needs to be updated
  - Handed over to another webmaster



## TC 5.4 Programs (tentative)

Arsen Melikov, Brent Stephens, John Zhang, Matt Fan, CoSponsor: TC 5.4 and TC 5.5

Type	Title	CoSponsor	Chair	When	Due Date
Workshop	Impact of Mist Elimination on Industrial Air Cleaning		Bob Burkhead	Orlando	
Workshop	Explosion Suppression		Andy Untz	Orlando	

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- **Track 1: Systems and Equipment**

Track Chair: Gary C. Debes, Email: [gdebes@verizon.net](mailto:gdebes@verizon.net)  
 Selection of equipment and systems is paramount to HVAC&R design. Papers and programs in this track will assist designers, engineers, and operators in the design, selection, and operation of HVAC&R systems and equipment.

- **Track 2: Fundamentals and Applications**

Track Chair: Cynthia Moreno, Email: [cindym@tmmechanical.com](mailto:cindym@tmmechanical.com)  
 Fundamentals are the foundation for understanding applications in engineering. Key components of ASHRAE fundamentals include thermodynamics, psychrometrics, fluid and mass flow, IAQ, and building envelope. This track provides opportunities for papers and presentations of varying levels across a large topic base. Concepts, design elements and shared experiences for theoretical and applied concepts of HVAC&R design are included.

- **Track 3: Design Build**