



1791 Tullie Circle, N.E. / Atlanta, GA 30329
404-636-8400

TC/TG/TRG MEETING MINUTES

TC/TG/TRG NO. (TITLE): TC 5.9 Enclosed Vehicular Facilities

DATE/TIME OF MEETINGS: February 7, 2023 3:30 - 5:30 PM

LOCATION: Atlanta, GA
Virtual Conference

- ❖ The Chair, Matt Davy, called the meeting to order at 3:30 pm.
- ❖ There were 6 of 7 voting members present, which met requirements for a quorum. See attendee list attached to minutes.
- ❖ Chairman's Remarks – Matt Davy
 - ❖ ASHRAE Code of Ethics
 - ❖ Chair meeting on Sunday morning
- ❖ Subcommittee Reports
 - ❖ Programs Subcommittee (Yoon Ko) – see report attached to minutes.
 - ❖ Research Subcommittee (David Hahn)
 - ❖ FHWA project – FFFS-EVS
 - ❖ Comments circulated on testing report and research report
 - ❖ Documents uploaded to Basecamp
 - ❖ Section 5 Head (Kevin Marple)
 - ❖ Reminder to complete FG Evaluation Sheet
 - ❖ Interim meetings posted to ASHRAE -- email Steve Hammerling
 - ❖ Standards Subcommittee (Yuan Li)
 - ❖ 217-2020 issued
 - ❖ Addendum issued in 2022
 - ❖ Working Groups formed to maintain standard
 - ❖ Updates to standard?
 - ❖ Handbook Subcommittee (Andrew Louie)
 - ❖ Updates incorporated
 - ❖ Awaiting proof from ASHRAE Handbook Central
 - ❖ 4-years for next revision
 - ❖ Webmaster (Simona Georgiev) – no update

- ❖ New Business and Comments
 - ❖ Monthly meetings between conferences
 - ❖ Increased participation – YEA members?
 - ❖ Succession planning
 - ❖ Next generation
- ❖ Next Meeting scheduled for Tampa, FL – Tuesday June 27, 2023
- ❖ Adjournment at 5:10pm
- ❖ Submitted by Matt Davy, Chair – TC 5.9

ID	Name2	Affiliation	Email2	Member	Member Category	YEA Member?	International Member?
1	Kumaresan Mariappan	AWV	KMariappan@awv.com	Yes	Corresponding	No	Yes
2	Jacob Carr	AWV	jcarr@awv.com	Yes	Non-Voting	No	No
3	TJ Lyle	Greenheck	tj.lyle@greenheck.com	Yes	Corresponding	Yes	No
4	Eric Li	RWDI	eric.li@rwdi.com	Yes	Provisional	No	No
5	Justin Zahn	Greenheck	justin.zahn@greenheck.com	Yes	Guest	No	No
6	Yuan Li	Jacobs	yuan.li@jacobs.com	Yes	Corresponding	No	No
7	Dimitry Kogan	Port Authority of NY & NJ	dkogan@panynj.gov	Yes	Voting	No	No
8	Duncan	Phyfe	dphyfe@aldenlab.com	No	Corresponding	No	No
9	David Newman	Mott MacDonald	david.newman@mottmac.com	Yes	Non-Voting	No	No
10	Sean Cassady	HNTB Corp.	scassady@hntb.com	Yes	Non-Voting	No	No
11	Yoon Ko	NRCC	yoan.ko@nrc-CNRC.gc.ca	Yes	Non-Voting	No	No
12	Cheng Wee Leong	Method Engineering Pte Ltd	lcw@leongcw.com.sg	Yes	Provisional	No	Yes
13	Mina Samimi	Hatch	mina.samimi@hatch.com	Yes	Corresponding	No	No
14	David Hahm	Mott MacDonald	david.hahm@mottmac.com	Yes	Voting	No	No
15	Andrew Louie	WSP	andrew.louie@wsp.com	Yes	Voting	No	No
16	Jane Miller	TCF Clarage	jmiller@clarage.com	Yes	Corresponding	No	No
17	Bill Lampkin	Greenheck Fan - Industrial	bill.lampkin@greenheck.com	Yes	Voting	No	No
18	Jane Miller	TCF Clarage	jmiller@clarage.com	Yes	Corresponding	No	No
19	James Carlin	Pottorff	Jcarlin@pottorff.com	Yes	Corresponding	No	No
20	Ahmed Kashef	National Research Council of Canada	ahmed.kashef@nrc-cnrc.gc.ca	Yes	Corresponding	No	No
21	Dean Geraci	Equipment Manufacturing	dean.geraci@promotion.com	Yes	Non-Voting	No	No
22	MICHAEL J FEUSER	WOODS AIR MOVEMENT	MICHAEL.FEUSER@FLAK.com	Yes	Voting	No	No
23	Kevin Marple	TAC Section 5 Head	kmarple@benzco.com	No	Guest	No	No
24	Michael Feuser	Woods Air Movement Ltd	Michael.Feuser@flaktgrc.com	Yes	Voting	No	No
25	Rajesh Jain	Additional General Manager	rajesh.dmrc@gmail.com	Yes	Provisional	No	Yes

TC5.9 PROGRAM SUB-COMMITTEE REPORT

Atlanta Virtual Meeting – Winter 2023

1. Programs for the current Atlanta meeting Programs:

No program sponsored by TC 5.9

Yet, one presentation made-

Seminar 17: Presentation 4: Examining Leakage Rates through Tunnel Fire Doors
Sunday, February 5 2:30 pm by: Duncan Phyfe

2. Future conferences

	Conference paper abstract due	Seminar, Forum proposal due
Tampa Bay, FL, Jun 2023		Feb. 27
Chicago, IL, Jan. 2024	Jun. 28	Aug.2
Indianapolis, IN, Jun. 2024		
Orlando, FL, Feb. 2025		
Phoenix, AZ, Jun. 2025		

Debate - 1 moderator, 60-90 min, 3-4 panelist, in individual presentations

Forum - 1 moderator, 60 minutes, no presentations

Panel -1 moderator, 60-90 minutes, 3-6 participants, no individual presentations

Seminar -2-3 speakers for 60 min or 3-5 speakers for 90 min

Workshop - One chair and two presenters (maximum), 60 min long including 30 min presentation and 30 min discussion

- **2023 ASHRAE Annual Tampa – June 24-28, 2023**

Conference Chair : Bert Phillips, (phillips@unies.mb.ca)

•HVAC&R Systems and Equipment, Ng Yong Kong –nyk@nyk.com.my

•Fundamentals and Applications •Brian Fronk – bmf141@psu.edu

•Research Summit. •Davide Ziviani – dziviani@purdue.edu

•Pathways to Net Zero Energy and Decarbonization •Rafi Karim – rkarim@aeieng.com

•Future-Proofing the Built Environment •Scott Peach – sp@sp.engineering

•Building Automation and Control Systems (BACS) •Raul Simonetti – raul.simonetti@carel.com

•Professional Development and Education •Ahmed Abdel-Salam - ahmed.abdel-salam@usask.ca

3. TC 5.9 Program topics

Old topic ideas revisited:

- Seminar: Underground Parking Garage issues + EV hazards (suggested by TJ Lyle on Jun. 2021, Yoon can also contribute. 20230207-TJ might contact David, Leong, Yoon for a submission for Tampa.

- High speed rail and pressure issues + introducing/promoting the new standard (suggested by David on Jun. 2021)

20230207-David volunteer to prepare a proposal for a workshop in Tampa on Review over the status_ new standard

- Train car ventilation concerning harmful agents/bacteria or virus (suggested by Andrew on Jun. 2021)
20230207- Andrew might prepare a submission for Tampa.

- Yoon to Follow up TJ, David H, Davis N, Adrew to share the submission link for the Tampa meeting.
- FYI, on-line submission link,**

<https://ashraem.confex.com/ashraem/s23/cfp.cgi>

- Other topics, please contact Yoon Ko <yoon.ko@nrc-cnrc.gc.ca>**