



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: June 25, 2019 / 3:30-6:00 PM
LOCATION: Kansas City, MO
MAIN MEETING **Tuesday 3:30 PM - 6:00PM** Marriott – East, Lobby, Truman B

- ❖ Jane Miller called the meeting to order at 3:30 pm.
- ❖ There were 7 of 9 voting members present, which met requirements for a quorum.
- ❖ Approval of Atlanta minutes | Motion by Davy; Second by Raychaudhuri
- ❖ Chair comments by Jane Miller
 - *Bill Lampkin has replaced Troy Goldschmidt*
 - *Ahmed Kashef is taking on the Section 1 liaison so David Hahm taking over as the Research Subcommittee chair*
 - *A reminder about the ASHRAE Code of Ethics*
 - *TC Chair / Section Head Breakfast meeting was a big group; Victor Goldschmidt presented about “Principles of Leadership & Change”*
 - *Should we consider combined/joint subcommittee meetings?*
 - *Should we consider online meetings to keep in touch and moving forward?*
 - *Basecamp usage - agenda, minutes, reorg update, adding other members*
 - *Title, Purpose, Scope (TPS) review*
- Subcommittee Reports
 - *Program Subcommittee (Yoon Ko)*
 - *No programs in KC*
 - *Orlando Challenge 2020 Track 7 - 6 presentation ideas, ventilation systems in vehicular facilities*
 - *Standards Subcommittee (Yuan Li)*
 - *Update on SPC 217 - 9 out of 11 voting members in favor of public review process, 2 did not participate in voting process and will receive letter ballot*
 - *Handbook Subcommittee (Andrew Louie)*
 - *Recently completed Handbook chapter*
 - *Does anything need to be changed? Several folks volunteered to review.*
 - *Research Subcommittee (Ahmed Kashef)*
 - *Report from Research Chair training*
 - *Modified WS form to include Plain English section*
 - *Additional opportunities for funding from ASHRAE, PTAR for special publications*
 - *RAC to review for bidability*
 - *One RTAR (1715) dropped*
 - *Possible research topics*

- *High-speed enclosed vehicle facilities pressure transients (new RTAR, David to develop),*
- *Thermal comfort requirements for normal ventilation requirements (Tom to develop),*
- *Review of phase 1 FHWA funding mechanism; phase 2 possible research; Full-scale fire test (Igor to develop)*
- *Ventilation for alternative fuel and driverless facilities? (Duncan to develop) – NFPA Research Foundation, other TC's, outside agencies may be interested*
- *NTIS comprehensive tunnel inspection program - improvement for ventilation system - review existing inspection program and offer recommendation to improve (Igor to develop),*
- *LEED certification for station design based upon ASHRAE 90.1 (Matt to develop)*
- *Webmaster (David Newman)*
 - *No update*
- *Liaison Reports*
 - *TC 5.1 (Aresh Raychaudhuri) – lots of research; handbook complete; number of proposed items; 3 programs to co-sponsor? Computer Aided Engineering (CAE) for fans/systems*
 - *TC 5.6 (Yoon Ko) – new project on long atria; one conference proposal for Orlando; one seminar proposal for Orlando - co-sponsor*
 - *NFPA 130 (Andrew Louie) – nothing new to report; next edition 2020*
 - *NFPA 502 (Igor Maevski) – changes in critical velocity; next edition 2020*
 - *NFPA 88A (TBD) – needs new liaison*
 - *PIARC (TBD) – needs new liaison; Igor mentioned "final report on road tunnel emissions"*
 - *APTA (Nader Shahcheraghi) – no report*
 - *Mining (Jane Miller) – Jane attended N.A. mining and ventilation conference in Montreal at end of April, which is strictly ventilation, and recommends attendance to interested committee members*
- *New Business and Comments*
 - *New voting members – Tom O'Dwyer, David Hahm*
 - *Rolling off – Aresh and David*
 - *Presentations prior to TC meeting? Timely or local to meetings?*
- ❖ *Next meeting scheduled for Orlando, FL – Tuesday February 4, 2020.*
- ❖ *Adjournment at 4:45 pm*
- ❖ *Submitted by Matt Davy, Secretary – TC 5.9*



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TC Sign-in Sheet

Meeting Info: TC S.9 Enclosed Vehicular Facilities Date: 6/25/19

Name	Affiliation	E-mail	Member (Voting, Corresponding, or Guest?)	YEA Member? (Yes/No)
Matt Davy	Arup	matt.davy@arup.com	Voting Member	No
Jane Miller	Clorox	j.miller@clorox.com	Chair, VM	No
Bill Lampkin	Greentech	bill.lampkin@greentech.com	VM	—
Duncan Payne	ALDEN	DPAYNE@ALDENLABS.COM	VM	—
Aseesh Raychaudhuri	US Dept. of Veterans Affairs	Aseesh.Raychaudhuri@VA.GOV	VM	—
Yoon Ko	National Research Council Canada	Yoon.Ko@nrc-cnrc.gc.ca		No.
Igor Maewski	JACOBS	Igor.Maewski@JACOBS.COM	Corresponding	—
(KEVIN) CHENG CHANG		cheng1951@yahoo.com	Corresponding	No
DIMITRY KOGAN	Post north. russia	DKOGAN@pamyrs.gov	Corresponding	No
KUMARJAN	AWV	kmariappan@awv.com	Corresponding	—



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Meeting Info: _____ Date: _____

Name	Affiliation	E-mail	Member (Voting, Corresponding, or Guest?)	YEA Member? (Yes/No)
YUAN LI	CSS Company	yuan.li@csscompany.com	Voting Member	—
Andrew Louie	WSP	Andrew.louie@wsp.com	Corresponding	—
Tom O'Dwyer	McMillan Jacobs	odwyer@memjac.com	Corresponding	No
ANDRE CALADO	JACOBS	andre.calado@jacobs.com	Provisional CORRESPONDING	YES
DAVID HAHM	JACOBS	david.hahm@jacobs.com	CORRESPONDING	Yes
Jeff Beneke	Ruskin Co.	jbeneke@ruskin.com	Guest	NO
Kevin Gilden	Howden	Kevin.gilden@howden.com	Corresponding	yes
Robert Kraft	Greenheck	robert.kraft@ greenheck.com	Guest	
JOE BROOKS	AMCA	jbrooks@amca.org	Guest	No

