

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING
ENGINEERS, INC.
Hilton Americas Hotel – Houston**

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 9.3 DATE 6/25/18

TC/TG/MTG/TRG TITLE Transportation Air Conditioning

DATE OF MEETING 6/25/18 LOCATION Houston, TX

MEMBERS PRESENT	YEAR APPTD	MEMBERS ABSENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE
Donald Leblanc (Chair)	2015			
Thaddeus Rogowski (Vice Chair)	2017			
Jerome Johnston (Sec)	2015			
Richard Fox	1998			
Byron Jones	1987			
Andreas Bezold	2015			
Rene Beaulieu	2017			
Kevin Glover	2015			
G.D. Mathur	2003			
		Aaron McFarlane	2016	
		David Bechtold	2004	
James Bushnell	1988			
		Larry Cummings	1992	
		Anthony Di Ioria	2017	
		Eugene Dianetti	1992	
		Scott Gwilliam	2009	
		Ken Hesser	2007	
		Catherine Thibaud	2017	
Ben Thiesse	2015			
Ken Warren	2017			

DISTRIBUTION

<i>All Members of TC/TG/MTG/TRG plus the following:</i>	
TAC Section Head: Krishnan Gowri	SHx@ashrae.net Where x is the section number
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters: (Research, Standards, ALI, etc.)	See ASHRAE email alias list for needed addresses.
Manager Of Research & Technical Services: Mike Vaughn	MORTS@ashrae.net

Meeting Attendance

Includes everyone that attended TC 9.3 and any of the subcommittee meetings. The GPC 23 committee meeting is incorporated into the TC 9.3 Rail Subcommittee meeting. Membership designation shown below relates only to TC 9.3 and does not reflect GPC 23 membership.

Donald Leblanc	NRC	don.leblanc@nrc-cnrc.gc.ca	voting
Thad Rogowski	Mitsubishi Electric	Thaddeus.rogowski@meppi.com	voting
Jerome Johnston	Boeing	jerome.i.johnston@boeing.com	voting
Richard Fox	Honeywell	rfox1956@gmail.com	voting
Byron Jones	Kansas State Univ.	jones@ksu.edu	voting
Andreas Bezold	Airbus	Andreas.bezold@airbus.com	voting
Rene Beaulieu	Bombardier	rene.beaulieu@rail.bombardier.com	voting
Kevin Glover	Carrier	kevin.glover@carrier.ute.com	voting
G.D. Mathur	Nissan/Calsonic	gd_mathur@ck-mail.com	voting
James Bushnell	HVAC Consulting	jbushnell@roadrunner.com	voting
Ben Thiesse	American Airlines	Benjamin.thiesse@aa.com	voting
Ken Warren	Port of Seattle	warren.k@portseattle.org	voting
Stephen Trent	Boeing	stephen.m.trent@boeing.com	non-voting
Terry Crawford	Siemens	terry.crawford@siemens.com	non-voting
John Elson	Ford Motor	johncelo@gmail.com	non-voting
Casey Briscoe	Ingersoll Rand	casey.briscoe@irco.com	non-voting
Aaron Saldanha	Howden	aaronjsaldanha@gmail.com	non-voting
Peter Shaw-Wood	Alscott Air Sys	pshaw-wood@alscott.eu	non-voting
Terrence Farrell	Intertek	Terrence.farrell@intertek.com	guest
Xinlei Wang	Univ. Illinois	xwang2@illinois.edu	guest
Florian Mayer	Fraunhofer	florian.mayer@ibp.fraunhofer.de	guest
Pawel Wargocki		paw@byg.dtu.dk	guest
David Space	Boeing	david.r.space@boeing.com	guest
Ryan James			guest
Robert Cordo	Battelle		guest

Call to Order & Establishment of Quorum

Meeting was called to order by Chair Richard Fox at 3:00 p.m., June 25th 2018. Quorum was established with **12 of 20 voting** members in attendance.

Membership/ Roster

Donald Leblanc is now TC 9.3 Chair. Thad Rogowski is now TC 9.3 Vice-Chair. Briefly reviewed roster updates.

Old Business

Approval of Chicago 2018 meeting minutes discussed. 12 of 12 voting members approve Chicago 2018 minutes.

Research project 1262-2 is completed and the report has been submitted to TC 9.3 for approval. The oversight committee has reviewed report and recommends approval to TC 9.3 approval. Committee discussed the need for Battelle to provide all of the data files to ASHRAE. Vote called to approve ASHRAE research project 1262-2. **12 of 12 voting members approved research project 1262-2 contingent on Battelle providing data from study to ASHRAE.**

New Business

None.

Research Committee Report

Report from Lubos Forejt on research project 1262-2: Battelle will disseminate their final report by submitting a conference paper to fulfill their contractual obligation.

Handbook Sub-Committee

Discussed status of all four handbook chapters.

Automobile Subcommittee Report and Issues requiring Committee Action

TBD

Mass Transit/Rail Sub Committee Report and Issues requiring Committee Action

TBD

Aviation Subcommittee Report and issues requiring Committee Action

None. No meeting.

Ship subcommittee Report and issues requiring Committee Action

None. No meeting.

Standard/ Program Report



ASHRAE TC 9.3
sumcom and progra



2018-06 TC
Breakfast Handout_

Other New Business

None.

Adjournment

Motion to adjourn. Motion seconded. 12 of 12 voting members approve. Meeting adjourned at 3:45pm.