

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.



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TC/TG/TRG MINUTES COVER SHEET

(Minutes of all TC/TG/TRG Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/TRG NO.: TC 5.9
TC/TG/TRG TITLE: Enclosed Vehicular Facilities
DATE OF MEETING: July 1, 2003
LOCATION: Kansas City, MO

VOTING MEMBERS PRESENT	YEAR APPT'D	VOTING MEMBERS ABSENT	YEAR APPT'D	EX-OFFICIO (CM) MEMBERS AND ADDITIONAL GUEST (G) ATTENDANCE
Joe Gonzalez Ray Sinclair Geo. Hadjisophocleous Colin Macedo Paul Miclea Laszlo Emho (IM)	2002 - 2003 2000 - 2004 2000 - 2004 2000 - 2004 2002 - 2003 2002 - 2003	Sudhir Agrawal Mario Boragina Roberto Arditi (IM) J. Greg Sanchez	2001 - 2005 2000 - 2004 1999 - 2003 2000 - 2004	Joe Grella (CM) Jim Schick (CM) Kevin Marple (G) Mark Colino (CM) Robert Smith (CM) Gary Kile (CM) Ashesh Raychaudhuri (CM) Richard Plettner (G) Don Guan (G) George Gamble (G) Gary Lougheed (G) Bill Lampkin (CM) Amy Musser (G) Jurij Modic (CM) Jeffrey Tubbs (G) William Webb (G) Anthony York (CM) Ian Sweetland (G) Roger Lichtenwald (CM) John Murphy (CM) Brian Webb (Part Time)

DISTRIBUTION:

ALL MEMBERS OF TC/TG/TRG, ALL ATTENDING GUESTS, TAC CHAIRMAN: William Murphy,

TAC SECTION HEAD: Daniel Int-Hout III,

LIAISONS: Marilyn A. Listvan (Special Publications), Kimball E. Ferguson (Journal/Insights), Davor Novosel (Standards), Michael R. Brambley (Program), Brian J. Webb (RAC Research), Charles E. Gullledge (TEGA), Robert W. Crosby (ALI), William W. Seaton (Staff - Research), Michael R. Vaughn (Staff -Tech. Services), Claire B. Ramspeck (Staff - Standards).

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Technical Committee TC 5.9 - Enclosed Vehicular Facilities

Meeting Minutes - July 1, 2003 – Kansas City, MO

Joe Gonzalez called meeting to order at 3:55 PM. Five out of 8 voting members present provided quorum.

Minutes of TC 5.9 meeting January 28, 2003 in Chicago, IL were approved without revision.

Section 5.0 announcements: 2003 Handbook is out. Comments can be registered on-line at the ASHRAE website. ASHRAE is sending out letters to employers expressing thanks for allowing their employees to participate in ASHRAE activities. Joe Gonzalez passed around a sign-up sheet for those interested in sending to their management. The official ASHRAE handbook is now the CD version. Paul Miclea discussed training opportunities available at the summer and winter meetings for TC chairmen and vice-chairmen and suggested that we participate. Paul also suggested that TC5.9 could develop a training course for enclosed vehicular facilities.

Research Subcommittee: Liaison Brian Webb gave a short statement about applying for research and advised that “procedures” have become most important—be brief and emphasize the value to ASHRAE and the handbook. John Murphy reported that the past two RTARs (RTAR #2004-30 “Existing Subway Design Fire Scenarios” and RTAR #2004-31 “Subway Design Fire Scenarios—Evaluation”) were returned because the research committee thought they should be merged into one, phased project. John Murphy also advised that our current project by Dr. Amy Musser must be reviewed and approved by committee before it is “complete.”

- The two-year effort for 1191 RP “Control of Diesel Exhaust Fumes in Enclosed Locomotive Facilities” is essentially complete. Copies of the final report have been distributed for review. Dr. Musser requested that she receive comments before August 15 while her post-doc assistant is still under her employ.

Program Subcommittee: Laszlo Ehmo can no longer chair this sub-committee and Ray Sinclair has kindly agreed to take over. Ray observed that our program should take into consideration that location will affect the speakers that can participate. It was decided that proposed activities for the next two years are as follows:

- **Anaheim, January 24-28, 2004**

AN1: Seminar: CNG Systems and Facilities for Indoor and Outdoor;
Chair: Sudhir Agrawal

AN2 Seminar: Diesel Locomotives in Enclosed Vehicular Spaces;
Chair: Joe Grella

AN3 Seminar: Design Considerations to Limit Dispersion of Immediately Harmful Contaminants in Large Buildings and Enclosed Vehicular Facilities;
Chair: Paul Miclea

- **Nashville, June 26-30, 2004**

NA1 Forum: Fire Detection & Instrumentation in Tunnels;
Chair: TBD (Colin Macedo may suggest an HNTB person; Paul Miclea may suggest a Tyco person)

NA2 Seminar: Current Standards and Specifications in Enclosed Vehicular Facility Ventilation Equipment;
Chair: Gary Kile

NA3 Seminar: Testing & Maintenance of Life Safety Equipment;
Chair: Bob Smith

- **Orlando, February 5-9, 2005**

OR1 Symposium: Ventilation and IAQ in Large Mass Transit Facilities;
Chair: George Hadijsophocleous

OR2 Seminar: Fire Detection and Instrumentation in Tunnels;
Chair: TBD

OR3 Seminar: Comparison of Tunnel Ventilation Simulation and Field Tests
Chair: Jurij Modic (with support from Paul Miclea)

- **Denver, June 25-29, 2005**

DE1 Symposium: Methods of Estimating Fire Heat Release Rates of Transit Vehicles
Chair: TBD

DE2 Seminar: Evacuation Methods of Analysis in Mass Transit Facilities
Chair: TBD

Handbook Subcommittee: Mark Colino reported that Chapter 13 (2003 edition) check prints were received, and returned, in April. However, that which was published did not reflect the check print edits. Colin Macedo reported as new sub-committee chairman, replacing Mark who will be taking over as TC5.9 secretary after this meeting. By vote it was decided to send a letter of complaint to the handbook committee about the changes made to TC5.9's submitted manuscript.

Liason Reports: Bill Kennedy and Art Bendelius were not present to report on NFPA 130 and 502 respectively. The 2003 edition of NFPA 130 will be published in August. Paul Miclea reported on the TC 5.6 meeting. Asesh Raychaudhuri reported that TC5.1 requested that TC5.9 co-sponsor a fan efficiency seminar in Anaheim.

Membership: Two persons expressed desire to become corresponding members: Kevin Marple and Jeffrey Tubbs. Jerry McCleery has retired. After the meeting, Paul Miclea replaces Joe Gonzalez as Chairman. Joe Grella becomes Vice Chairman. Mark Colino becomes Secretary.

New Business and Comments: A certificate of appreciation was given to Joe Gonzalez to commemorate his successful two-years as TC5.9 chairman. TC5.9 website can now be accessed at address: <http://tc59.ashraetcs.org/> It is maintained by Sean Cassidy.

The group was reminded about the upcoming conferences: BHR Group "Aerodynamics and Ventilation of Vehicle Tunnels in Luzern, Switzerland 7-9 July; Safety in Road and Rail Tunnels in Marseille, France 6-9 October 2003; and the XXII World Road Congress in Durban, South Africa 19-25 October 2003.

The meeting adjourned at 5:00 PM

Joseph J. Grella
Secretary, TC 5.9 Enclosed Vehicular Facilities