

TC 2.9 ULTRAVIOLET AIR AND SURFACE TREATMENT

MEETING AGENDA

2023 Winter Meeting, Atlanta

Date: Monday, January 6^h, 2023

Time: 10:00 to 12:00 PM EDT

Location: Georgia World Congress Center, A311 (3)

Link: <https://events.rdmobile.com/Sessions/Details/1612457>

TC2.9 Scope – TC2.9 is concerned with all aspects of equipment and systems that utilize ultraviolet radiation to destroy or deactivate chemical and/or biological air and surface contaminants in HVAC systems and indoor spaces, including, but not limited to, effectiveness, safety, maintenance, and economics.

Website: <https://tpc.ashrae.org/?cmtKey=e94e5979-e432-4716-a91f-ff438f192a2f>

©2020 ASHRAE. All rights reserved. This is a draft document intended for review only by the cognizant ASHRAE groups and other designated reviewers and is not for distribution to any private interests, individuals, or third parties that are not designated as ASHRAE reviewers for this document. This document may not be distributed in whole or in part in either paper or digital form without the express permission of the chair of the committee originating this document. The appearance of any technical data or editorial material in this draft document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, design, or the like, and ASHRAE expressly disclaims same.

Welcome, Call to Order

1 minute

ASHRAE Code of Ethics

1 minute

"In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)"

ASHRAE Diversity Commitment

"ASHRAE is committed to providing a welcoming environment. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We proactively pursue and celebrate diverse and inclusive communities understanding that doing so fuels better, more creative, and more thoughtful ideas, solutions, and strategies for the Society and for the communities our Society serves. We respect and welcome all people regardless of age, gender, ethnicity, physical appearance, thought styles, religion, nationality, socio-economic status, belief systems, sexual orientation, or education,"

Introductions (Name and Affiliation) Sign-in Sheet

5 minute

Use Zoom Chat and type your Name, Affiliation, E-mail, Member Status (Voting, Corresponding, Guest,) and YEA if you are a Young Engineer in ASHRAE, ≤35 years old

Update your ASHRAE bio information at the [ASHRAE](https://www.ashrae.org) website

Roll Call of Voting Members; Quorum Check

1 minute

Review Agenda

1 minute

Draft Minutes from 2022 Annual Meeting, Toronto

5 minutes

Votes/Action Since Last Meeting

1 minute

ASHRAE 2023 Applications Volume Chapter 62 'Ultraviolet Air and Surface Treatment'

Votes (10 For, 1 Abstain)

ASHRAE Staff and Liaison Reports

5 minutes

Larry Smith, TAC Chair

Jon Cohen, Section Head

William Hutzler, Research Liaison

Kettler Gerald, Standard Liaison

Steven Hammerling, Staff Liaison

Review Action Items from TC Chair breakfast 5 minutes

TC Website Report, Bob Coleman, Webmaster 1 minute

SUBCOMMITTEE REPORTS

Research Subcommittee, Richard Vincent, SC Chair 15 minutes

Update on activities from TC Research Meeting

WS/RP 1854: Upper air high-ceiling, UVC K-values

WS 1928: Air Cleaner Efficiency in Combination Chamber Duct System

WS 1873: Upper-Air Ultraviolet Germicidal Irradiation (UVGI) for Tall Spaces

Standards Subcommittee, Larry Fletcher, SC Chair 15 minutes

- SSPC-185 Methods of test to Inactivate Microorganisms, *Steve Martin, Chair*
- SPC-185.3P Method of testing in-room devices and systems for microorganism removal or inactivation in a test, *Linda Lee, Chair*
- SPC-185.4P Method of Testing In-Room Ultraviolet Devices and Systems for Microbial Inactivation on Surfaces in a Test Room, *Katja Auer, Chair*
- SPC-185.5P Method of Testing HVAC-duct mounted Devices and Systems and In-Room devices for Particle and Microorganism Removal or Inactivation in a Chamber with a Recirculating Duct System, *Kathleen Owen, Chair*
- Other Relevant Standards

Project Committees

GPC-37-Upper Room UVC; *Richard Vincent, Chair* 5 minutes

Program Subcommittee, Scott Sherwood, SC Chair 5 minutes

Status of current and future programs

Handbook Subcommittee, Katja Auer, SC Chair 5 minutes

Status of Handbook developments

ASHRAE 2024 Systems and Equipment Volume Ultraviolet Chapter- Deadline July 30 , 2023

Membership Subcommittee, Stephen Martin, SC. Chair 5 minutes

TC roster summary, membership updates and corrections

Reports from TC Liaisons 10 minutes

SSPC 62.1, *Ventilation for Acceptable Indoor Air Quality*, Brian Hafendorfer

SSPC 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*, Henry Greist

SSPC 145, *Test Method for Assessing the Performance of Gas-Phase Air Cleaning Equipment*, Matt Middlebrooks

SSPC 161, *Air Quality Within Commercial Aircraft*, Aaron Engel

TC 2.3, *Gaseous Air Contaminants and Gas Contaminant Removal Equipment*, Matt Middlebrooks

TC 2.4, *Particulate Air Contaminants and Particulate Contaminant Removal Equipment*, Kathleen Owen

TC 9.6, *Healthcare Facilities*, Katja Auer

Reports from Other Liaisons 10 minutes

UL Standards- UL-1995 / UL 60335-2-40/ US 8802/UL8803, Carl Bloomfield/ Brian Rodgers

US TAG for ISO/TC 142, Kevin Kong

IUVA, Ashish Mathur or Sam Guzman

AHRI, Julie Majurin

IES, Richard Vincent

NEMA, Jeremy Yon or Michael O'Boyle

Upcoming Meetings/ Conferences

Old Business:

New Business / Action Items

Adjourn