

AGENDA
ASHRAE MTG.ACR
AIR CHANGE RATE
WINTER MEETING 2020-2021
WEB/CONFERENCE CALL

March 19, 2021

11:00 AM to 1:00 PM EDT

Estimated Duration: 2 hours

Meeting Links & Call-in Numbers:

Web Meeting Link:

<https://us02web.zoom.us/j/82458278216?pwd=em1OUzBkUHBUaTFBU3lONVRub2ZhZz09>

MAIN MEETING:

The ASHRAE Code of Ethics is to be adhered to by those doing ASHRAE business whether or not they are an ASHRAE member.

“Commitment to the ASHRAE Code of Ethics – 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>.)”

- A. CALL TO ORDER & INTRODUCTIONS (Kishor)
- B. ADDITIONS AND/OR CHANGES TO THE AGENDA (Kishor)
- C. APPROVAL OF MINUTES (Roland) – NA
- D. Program Update (James Bennett, 15 min)
 - Debate feedback
 - Plan for Virtual Annual Meeting
 - Plan for Winter Meeting, Las Vegas
 - Other
- E. Research Update (15 min)
 - a. RP 1833 - Literature Review for Evidence of the Basis for Specified Air Change Rates (ACR) for Cleanrooms, Laboratories, laboratory animal facilities, and health care facilities with medium to high ACR. Work In Progress (Phil and Roger)

- F. New Research Project (30 min)

Objectives

- Investigate relationships between specified airflow rates and associated safety and risk for people and products.
- Evaluate a correlation between the strength and location of contaminant sources and airflow rates to obtain the desired levels of contamination control.
- Develop an in-depth understanding of relationship between ACR and various (ventilation) effectiveness definitions.
- Evaluate the impact of HVAC configuration including airflow distribution, flow path of contaminants, and locations and type of supply and return devices on ventilation effectiveness.
- Quantitatively correlate concentration of contaminants with various measures of ventilation. Determine which measures correlate best, and the modeling assumptions necessary to support use of a variable as a design criterion.

G. Updates from Members (45 min)

- Kishor
- Travis
- Tom
- Cliff

H. OLD BUSINESS

I. NEW BUSINESS

J. ADJURN