

Workplace Safety: Ventilation Impacts on Indoor Aerosol Transport and Current HVAC Recommendations for Re-Opening Buildings

written by Lauri Moon | August 20, 2020

Join us for this webinar hosted by NIST MEP working with the NIST Engineering Lab focused on ventilation impacts on indoor aerosol transport and current HVAC recommendations for re-opening buildings.

The presentations will describe how building ventilation rates and other important building airflows impact the fate and transport of indoor aerosols. These airflows, specifically mechanical ventilation, infiltration and natural ventilation, and the factors that impact them will be discussed, along with the potential range of their values in both residential and commercial buildings. Strategies for reducing aerosol exposures using airflow will also be reviewed. Following that general discussion, several recent recommendations from industry groups and other authorities for using HVAC systems to reduce viral exposures will be discussed.

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