

BSR/ASHRAE Standard 241P, *Control of Infectious Aerosols*

1. PURPOSE

- 1.1 The purpose of this standard is to establish minimum requirements for control of infectious aerosols to reduce risk of disease transmission in the occupiable space in new buildings, existing buildings, and major renovations to existing buildings, including requirements for both outdoor air system and *air cleaning* system design, installation, commissioning, operation, and maintenance.
- 1.2 This standard defines the amount of *equivalent clean airflow* necessary to substantially reduce the risk of disease transmission during *infection risk management mode*.

2. SCOPE

- 2.1 This standard
 - a. Does not address requirements for maintaining acceptable indoor air quality
 - b. Addresses only indoor *long-range transmission* resulting from inhalation of infectious aerosol emitted by an infector who is not in close proximity to a susceptible occupant
 - c. May not substantially reduce transmission risk in all situations due to the diversity of infectious agents and personal susceptibility
- 2.2 This standard does not determine the conditions under which *infection risk management mode* should be invoked.
- 2.3 No requirement in this standard shall be used to circumvent any health, safety or comfort regulations required by the *authority having jurisdiction*.