



# ADDENDA

**ANSI/ASHRAE Addendum ad to  
ANSI/ASHRAE Standard 62.1-2016**

# Ventilation for Acceptable Indoor Air Quality

Approved by the ASHRAE Standards Committee on June 26, 2019; by the ASHRAE Board of Directors on August 1, 2019; and by the American National Standards Institute on August 26, 2019.

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## FOREWORD

*Table 6.5, "Minimum Exhaust Rates," lists minimum exhaust rates for certain spaces in which contaminant generation has been deemed high enough that the contaminant cannot be diluted and thus needs to be exhausted. However, the standard does not require these spaces to be at any pressure. This addendum adds a requirement for these spaces to be at a negative pressure with respect to adjacent spaces in order to minimize contaminants leakage to adjacent spaces.*

**Note:** In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

### Addendum ad to Standard 62.1-2016

*Revise Section 6.5.1 as shown. Note that Section 6.5.1.1 (not shown) and Table 6.5.1 (formerly Table 6.5) are added by proposed Addendum x to Standard 62.1-2016.*

**6.5 Exhaust Ventilation.** The Prescriptive Compliance Path or the Performance Compliance Path shall be used to meet the requirements of this section. Exhaust makeup air shall be permitted to be any combination of outdoor air, recirculated air, or transfer air.

**6.5.1 Prescriptive Compliance Path.** The design exhaust airflow shall be determined in accordance with the requirements in Table 6.5.1.

[ . . . ]

**6.5.1.2 Pressure Requirements.** While the required exhaust systems are operating, the exhaust airflow of zones listed in Table 6.5.1 shall be larger than their respective supply airflow. If zones listed in Table 6.5.1 are adjacent, the difference between the exhaust and the supply airflow shall be larger for the zone with the higher number class of air.

**Exception to 6.5.1.2:** Where airflow offset requirements are established by the Environmental Health and Safety professional responsible to the owner or owner's designee.

#### **Informative Notes:**

1. Exhaust systems are required for any occupancy category listed in Table 6.5.1.
2. Where intermittent operation is allowed in Table 6.5.1, exhaust equipment is intended to be operated when the space is in use.



## **POLICY STATEMENT DEFINING ASHRAE'S CONCERN FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES**

ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

The effects of the design and selection of equipment and systems will be considered within the scope of the system's intended use and expected misuse. The disposal of hazardous materials, if any, will also be considered.

ASHRAE's primary concern for environmental impact will be at the site where equipment within ASHRAE's scope operates. However, energy source selection and the possible environmental impact due to the energy source and energy transportation will be considered where possible. Recommendations concerning energy source selection should be made by its members.

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