



ADDENDA

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

Ventilation for Acceptable Indoor Air Quality

Approved by the ASHRAE Standards Committee on June 22, 2019; by the ASHRAE Board of Directors on June 26, 2019; and by the American National Standards Institute on July 24, 2019.

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FOREWORD

Many manufacturing occupancies do not use hazardous materials. This addendum changes the air class for those

spaces to Air Class 2, which allows the air to be recirculated to other similar manufacturing areas. Manufacturing spaces using hazardous materials will remain Air Class 3.

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

Addendum aq to Standard 62.1-2016

Modify Table 6.2.2.1 as shown. The remainder of the table is unchanged.

TABLE 6.2.2.1 Minimum Ventilation Rates in Breathing Zone

Occupancy Category	People Outdoor Air Rate R_p		Area Outdoor Air Rate R_a		Default Values			Air Class	OS (6.2.7.1.3)
	cfm/person	L/s·person	cfm/ft ²	L/s·m ²	Occupant Density				
					#/1000 ft ² or #/100 m ²				
Miscellaneous Spaces									
[...]									
<u>Manufacturing where hazardous materials are not used</u>	<u>10</u>	<u>5.0</u>	<u>0.18</u>	<u>0.9</u>		<u>7</u>			<u>2</u>
General m <u>Manufacturing where hazardous materials are used</u> (excludes heavy industrial and <u>chemical</u> processes)	10	5.0	0.18	0.9		7			3
[...]									

[...]

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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