



ADDENDA

**ANSI/ASHRAE Addendum r to
ANSI/ASHRAE Standard 62.1-2022**

Ventilation and Acceptable Indoor Air Quality

Approved by ASHRAE and the American National Standards Institute on April 30, 2025.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. Instructions for how to submit a change can be found on the ASHRAE® website (www.ashrae.org/continuous-maintenance).

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ASHRAE Standing Standard Project Committee 62.1

Cognizant TC: 4.3, Ventilation Requirements and Infiltration
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FOREWORD

On February 7, 2024, the EPA strengthened the National Ambient Air Quality Standards for Particulate Matter (PM NAAQS) to protect millions of Americans from harmful and costly health impacts, such as heart attacks and premature death. Particulate pollution, including fine soot particles, is a significant air quality concern, with extensive scientific evidence linking it to a range of health effects.

Standard 62.1 currently uses an older version of the EPA NAAQS with an annual PM2.5 limit of 12 µg/m³. Addendum r updates that value to align with the latest EPA limit, which sets the primary annual PM2.5 standard at 9.0 µg/m³ to provide increased public health protection, consistent with the available health science.

Informative 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 r to Standard 62.1-2022

Modify Table 6-5 as follows. The remainder of Table 6-5 is unchanged.

Table 6-1 Design Compounds, PM2.5, and Their Design Limits

Compound or PM2.5	Cognizant Authority	Design Limit
[...]		
PM 2.5	U.S. EPA NAAQS (annual mean)	12.2 µg/m³
[...]		

Modify Section 9, “Normative References,” as follows. The remainder of Section 9 is unchanged.

9. NORMATIVE REFERENCES

U.S. Government Printing Office (USGPO)
732 North Capitol St. NW
Washington, DC 20401
202-512-1800; www.gpo.gov

[...]
40 CFR 50 (~~2024-2018~~)
National Primary and Secondary Ambient Air Quality Standards
Section 4.1.1, Table 6-5, Table 6-6, 6.1.4.1, 6.1.4.2
[...]

Modify Table E-1 as follows. The remainder of Table E-1 is unchanged.

Table E-1 Table E-1 NAAQS for the United States
(www.epa.gov/criteria-air-pollutants/naaqs-table)

Pollutant		Primary/ Secondary	Averaging Time	Level	Form
[. . .]					
Particulate Matter (PM) www.epa.gov/pm-pollution/table-historical-particulate-matter-pm-national-ambient-air-quality-standards-naaqs	PM2.5	Primary	One (1) year	12.0 2.5 µg/m ³	Annual mean, averaged over three years
		Secondary	One (1) year	15.0 µg/m ³	Annual mean, averaged over three years
		Primary and secondary	Twenty-four (24) hours	35 µg/m ³	Ninety-eight (98th) percentile, averaged over three years
	PM10	Primary and secondary	Twenty-four (24) hours	150 µg/m ³	Not to be exceeded more than once per year on average over three years
[. . .]					

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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