



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

Public Review Draft

Proposed Addendum r to Standard 62.1-2022, Ventilation and Acceptable Indoor Air Quality

**First Public Review (March 2025)
(Draft shows Proposed Changes to Current Standard)**

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(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

On February 7, 2024, 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.

We currently use an older version of the EPA NAAQS with an annual PM_{2.5} limit of 12 µg/m³. This proposed addendum updates the value to align with the latest EPA limit, which sets the primary) annual PM_{2.5} standard at 9.0 µg/m³ to provide increased public health protection, consistent with the available health science.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum r to 62.1-2022

Modify Table 6-5, Table E-1, and Section 9 Normative References as shown below. The remainder of Table 6-5, Table E-1 and Section 9 are unchanged.

Table 6-5 Design Compounds, PM_{2.5}, and Their Design Limits

Compound or PM _{2.5}	Cognizant Authority	Design Limit
.....		
PM _{2.5}	U.S. EPA NAAQS (annual mean)	12 <u>9</u> µg/m ³
.....		

INFORMATIVE APPENDIX E INFORMATION ON SELECTED NATIONAL STANDARDS AND GUIDELINES FOR PM₁₀, PM_{2.5}, AND OZONE

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

Pollutant		Primary/ Secondary	Averaging Time	Level	Form
...					
Particulate Matter (PM)	PM _{2.5}	Primary	One (1) year	12.0 <u>9</u> µg/m ³	Annual mean, averaged over three years

www.epa.gov/pm-pollution/table-historical-particulate-matter-pm-national-ambient-air-quality-standards-naaqs		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
...					

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

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