

(This appendix 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 objections on informative material are not offered the right to appeal at ASHRAE or ANSI.)

INFORMATIVE APPENDIX H DOCUMENTATION

This appendix summarizes the requirements for documentation contained in the body of the standard using a series of templates that summarizes the design criteria used and assumptions made to comply with this standard. One way to comply with the documentation requirements of the standard is to complete these templates as appropriate during the project design process.

H1. OUTDOOR AIR QUALITY

Section 4.3 of this standard requires an investigation of the outdoor air quality in the vicinity of the project site. This template offers a means of documenting the results of both the regional and local investigations and the conclusions reached

concerning the acceptability of the outdoor air quality for indoor ventilation.

H2. BUILDING VENTILATION DESIGN CRITERIA

This template provides a means of documenting significant design criteria for the overall building. Only the last column, in accordance with Section 5.1.3, is specifically required by the standard. The other columns are motivated by the general documentation requirement described in Section 6.6.

H3. VENTILATION RATE PROCEDURE

Section 6.2 permits the use of this prescription-based procedure to design ventilation systems. This template documents the assumptions made when using this procedure as required by Sections 5.16.4 and 6.6.

H4. IAQ PROCEDURE

Section 6.3 permits the use of this performance-based procedure to design ventilation systems. This template documents the design criteria and assumptions made when using this procedure and justification of the design approach, as required by Section 6.3.2.

Regional Outdoor Air Quality Pollutants	Attainment or Nonattainment According to the U.S. Environmental Protection Agency	
Particulates (PM _{2.5})	(Yes/No)	
Particulates (PM ₁₀)	(Yes/No)	
Carbon monoxide—1 hour/8 hours	(Yes/No)	
Ozone	(Yes/No)	
Nitrogen dioxide	(Yes/No)	
Lead	(Yes/No)	
Sulfur Dioxide	(Yes/No)	
Local Outdoor Air Quality Survey	Date:	Time:
(a) Area surveyed	(Brief description of the site)	
(b) Nearby facilities	(Brief description type of facilities—industrial, commercial, hospitality, etc.)	
(c) Odors or irritants	(List and describe)	
(d) Visible plumes	(List and describe)	
(e) Nearby sources of vehicle exhaust	(List and describe)	
(f) Prevailing winds	(Direction)	
(g) Other observations		
(Conclusions	(Remarks concerning the acceptability of the outdoor air quality)	