



LEED v4 BD+C: New Construction

Minimum Indoor Air Quality Performance

Unit Type: IP (inch-pound) SI (International System of Units)

Ventilation

Mechanical Ventilation

For mechanically ventilated spaces (and mixed-mode systems when mechanical ventilation is activated)

Select one of the following:

- Option 1. ASHRAE Standard 62.1-2010
- Option 2. CEN Standards EN 15251-2007 and EN 13779-2007

Natural Ventilation

For naturally ventilated spaces (and mixed-mode systems when mechanical ventilation is inactivated)

- The project meets the minimum requirements of ASHRAE Standard 62.1-2010, Section 4 and the exhaust ventilation requirements of ASHRAE Standard 62.1-2010, Section 6.5.

Upload documentation demonstrating that natural ventilation is an effective strategy for the project, as determined through the flow diagram process in Figure 2.8 of the CIBSE Application Manual 10: 2005.

Upload documentation demonstrating that the minimum outdoor air opening and space configurations meet or exceed the minimum values from the natural ventilation procedure outlined in ASHRAE 62.1-2010, Section 6.4.

For residential projects

- Each dwelling unit meets the rating system requirements for unvented combustion appliances, carbon monoxide monitors, indoor fireplaces and woodstoves, and space- and water-heating equipment.

If the project is in a high-risk area for radon, describe how the building on levels one through four above grade is designed and will be constructed with radon-resistant construction techniques as prescribed in EPA Building Radon Out; NFPA 5000, Chapter 49; International Residential Code, Appendix F; CABO, Appendix F; ASTM E1465; or a local equivalent, whichever is most stringent. If not applicable, enter "N/A" below.

Monitoring

Mechanical Ventilation

For mechanically ventilated spaces (and mixed-mode systems when mechanical ventilation is activated)

Upload mechanical ventilation controls documentation i.e. a controls drawing or similar documentation showing the monitoring devices (outdoor airflow monitoring devices, current transducers, airflow switches, or similar monitors).

Natural Ventilation

For naturally ventilated spaces (and mixed-mode systems when mechanical ventilation is inactivated)

Select one of the following. Indicate the applicable monitoring strategy for the project:

- Direct exhaust airflow measurement
- Automatic indication devices on natural ventilation openings
- Carbon dioxide monitoring

Upload natural ventilation controls documentation i.e. a controls drawing sample showing the exhaust airflow measurement devices, automatic indication devices, or carbon dioxide monitors, as applicable. The monitoring devices must meet the credit requirements.

Special Circumstances

Describe the circumstances limiting the project team's ability to provide the submittals required in this form. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits. (Optional)

Upload any additional documentation that supports the claim to special circumstances. (Optional)

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