



# LEED 2009 for Schools New Construction and Major Renovations

## IEQ CREDIT 3.2: CONSTRUCTION IAQ MANAGEMENT PLAN BEFORE OCCUPANCY

All fields and uploads are required unless otherwise noted.

### ALL OPTIONS

This static sample form has been modified for offline access. All sections of the form are visible. Sample forms are for reference only.

- ☐ An Indoor Air Quality (IAQ) Management Plan was developed and implemented at the project building. The plan includes post-construction IAQ management measures.

An Indoor Air Quality (IAQ) Management Plan highlighting IAQ management practices is required for credit compliance.

**Upload IEQc3.2-1.** Provide the IAQ Management Plan highlighting post-construction IAQ management practices implemented at the project building.

Files:

Occupancy Date:

Post-construction IAQ management practices implemented at the project building include (select one of the following):

- ☐ **Option 1, Path 1.** Pre-occupancy flush-out.
- ☐ **Option 1, Path 2.** Early occupancy flush-out.
- ☐ **Option 2.** IAQ testing.

### PRE-OCCUPANCY FLUSH-OUT

Describe the flush-out procedure. Include flush-out date(s), outdoor air delivery rates, internal temperature, and relative humidity. The flush out must meet the following minimum requirements:

- Supply total air volume of 14,000 cubic feet of outdoor air per SF of floor area.
- Maintain an internal building temperature of at least 60 degrees F and relative humidity no higher than 60%.

## EARLY OCCUPANCY FLUSH-OUT

Describe the flush-out procedure. Include flush-out date(s), outdoor air delivery rates, internal temperature, and relative humidity. The flush out must meet the following minimum requirements:

- Prior to occupancy, supply a minimum of 3,500 cubic feet of outdoor air per square foot of floor area
- During each day of occupancy, ventilation must begin at least three hours prior to occupancy and continue during occupancy, until a total of 14,000 cubic feet per square feet of outside air has been delivered to the space. Outside air must be delivered at minimum rate of 0.30 cubic feet per minute (cfm) per square foot or at the design minimum outside air rate, whichever is greater.

## IAQ TESTING

- ☐ After construction ended and prior to occupancy, baseline IAQ testing was conducted using testing protocols consistent with the United States Environmental Protection Agency Compendium of Methods for the Determination of Air Pollutants in Indoor Air.

**Upload IEQc3.2-2.** Provide the IAQ testing report. Highlight testing date(s) and concentrations of each of the following: Formaldehyde, Particulates (PM10), Total Volatile Organic Compounds (TVOC), 4-Phenylcyclohexene\* (4-PHC), Carbon Monoxide (CO).

Files:

*\*Testing for 4-PHC is only required if carpets and fabrics with styrene butadiene rubber (SBR) latex backing material are installed as a part of the base building systems.*

Describe the project's pre-occupancy IAQ testing process, including test date(s) and scope, sampling locations with respect to floor area, size, and ventilation system, and (as applicable) any corrective measures implemented or project-specific special considerations.

## ADDITIONAL DETAILS

- ☐ Special circumstances preclude documentation of credit compliance with submittal requirements outlined in this form.

## 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.

**Upload IEQc3.2-SC.** Provide any additional documentation that supports the claim to special circumstances. (Optional)

*Files:*

- ☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

## ALTERNATIVE COMPLIANCE PATH

Describe the alternative compliance path used by the project team. Include justification that this path meets the credit intent and requirements. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

**Upload IEQc3.2-ACP.** Provide any additional documents that support the alternative compliance path approach. (Optional)

*Files:*

## SUMMARY

IEQ Credit 3.2: Construction IAQ Management Plan - Before Occupancy  
Points Documented: