LEED O+M: Existing Buildings | v3 - LEED 2008

# IAQ best management practices - increased ventilation

EQc1.3 | Possible 1 point

Glossary

## Intent

To provide additional outdoor air ventilation to improve indoor air quality for occupants' comfort, well-being and productivity.

## Requirements

**For mechanically ventilated spaces:**

Increase outdoor air ventilation rates for all air-handling units serving occupied spaces by at least 30% above the minimum required by ASHRAE 62.1–2007.

**For naturally ventilated spaces:**

Design natural ventilation systems for occupied spaces to meet the recommendations set forth in "Good Practice Guide 237: Natural Ventilation in Non-domestic Buildings" (1998). Determine whether natural ventilation is an effective strategy for the project by following the flow diagram process in Figure 2.8 of CIBSE Applications Manual 10: 2005, "Natural Ventilation in Non-domestic Buildings."

In addition, either 1) use diagrams and calculations to show that the design of the natural ventilation systems meets the recommendations set forth in CIBSE Applications Manual 10: 2005, "Natural Ventilation in Non-domestic Buildings," or 2) use a macroscopic, multizone, analytic model to predict that room-by-room airflows will effectively naturally ventilate at least 90% of occupied spaces.