OP 5: Indoor Air Quality

1 point available

A. Credit Rationale
This credit recognizes institutions that are working to protect the human health of building occupants by monitoring and protecting indoor air quality. Institutions can promote productivity in the workplace and classroom by improving ventilation and managing exposure to indoor pollutants. This creates safe learning, living, and work environments and reduces illnesses for students and staff alike.

B. Criteria
Institution has an indoor air quality (IAQ) management program that includes regular auditing or monitoring, a mechanism for occupants to register complaints, and action plans to implement any corrective measures required in response to audits, monitoring or complaints.

Policies and plans adopted by entities of which the institution is part (e.g. government or university system) may count for this credit as long as the policies apply to and are followed by the institution.

C. Applicability
This credit applies to all institutions.

D. Scoring
Institutions earn the maximum of 1 point available for this credit when all buildings are covered by an indoor air quality management program that meets the criteria outlined above (or if there is an institution-wide program). Incremental points are available based on the percentage of gross floor area of building space that meets the criteria. For example, if an institution had 50 percent of its floor area of building space covered by an IAQ program, it would earn 0.5 points (half of the points available for this credit). Points earned are calculated according to the following table:

<table>
<thead>
<tr>
<th>Factor</th>
<th>Multiply</th>
<th>Floor Area of Building Space Covered by an IAQ Program</th>
<th>Divide</th>
<th>Gross Floor Area of Building Space</th>
<th>Equals</th>
<th>Total Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>×</td>
<td>______</td>
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<td>______</td>
<td>=</td>
<td></td>
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</tbody>
</table>
Scoring Example: Indoor Air Quality

Example College has 1,000,000 ft² of building space. Example College has an Indoor Air Quality management program that meets the criteria listed above for its residence halls, which comprise 300,000 ft² of building space. No other facilities have an IAQ program that meets all of the criteria listed.

<table>
<thead>
<tr>
<th>Factor</th>
<th>Multiply</th>
<th>Floor Area of Building Space Covered by an IAQ Program</th>
<th>Divide</th>
<th>Gross Floor Area of Building Space</th>
<th>Equals</th>
<th>Total Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>×</td>
<td>300,000</td>
<td>÷</td>
<td>1,000,000</td>
<td>=</td>
<td>0.30</td>
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</tbody>
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E. Reporting Fields

Required
- Floor area of building space covered by an indoor air quality (IAQ) management program that includes regular auditing or monitoring, a mechanism for occupants to register complaints, and action plans to implement any corrective measures required in response to audits, monitoring or complaints (square feet/metres)
- Gross floor area of building space (square feet/metres)
- An affirmation that the submitted information is accurate to the best of a responsible party’s knowledge and contact information for the responsible party. The responsible party should be a staff member, faculty member, or administrator who can respond to questions regarding the data once submitted and available to the public.

Conditional
Required if the institution is reporting building space covered by an indoor air quality (IAQ) management program:
- A brief description of the institution’s indoor air quality program(s) (including information about regular auditing or monitoring, mechanisms for occupants to register complaints, and action plans)

Optional
- The website URL where information about the institution’s indoor air quality program(s) is available
- Notes about the submission
F. Measurement

Timeframe
Report on current policies and plans and the most recent data available.

Sampling and Data Standards
Institutions may exclude unoccupied building space, provided it is excluded from both the gross floor area of building space and the floor area of building space covered by an IAQ program.