



American Council for Accredited Certification

Preparing for the Council-certified Indoor Environmentalist (CIE) Examination

Examination Reference Materials:

The CIE examination is based on standard industry reference texts, not on a particular course curriculum. Examination items are drawn directly from the following references:

- American Council for Accredited Certification, *Code of Conduct* (www.acac.org)
- Hollace Bailey, *Fungal Contamination: A Manual for Investigation, Remediation and Control* (Jupiter, Fla: BECi, 2005)
- EPA, *Building Air Quality: A Guide for Building Owners and Facility Managers* (Washington: EPA, 1991)
- Shirley J. Hansen and H. E. Burroughs, *Managing Indoor Air Quality*, 4th edition (2008) **OR** 5th edition (2011).
- Nancy Bollinger, *NIOSH Respirator Selection Logic 2004* (Cincinnati: NIOSH, 2004), www.acac.org/forms/rclibrary/nioshresp2004.pdf

Examination Topics:

The 100-question, closed book examination covers **seven topics** relevant to environmental investigation and consulting. Approximately sixteen multiple choice questions are included on each of the following topics:

(NOTE: For a detailed list of the knowledge and skills tested within each topic area, consult pages 2-3 of the CIE application booklet)

1. IAQ Contaminants and Health Effects
2. Principles of the Built Environment
3. Principles of HVAC systems
4. Equipment used in IAQ investigations
5. Guidelines, Regulations & Standards affecting IAQ
6. Principles of IAQ Remediation
7. Respiratory Protection

Recommended Study Procedures:

To prepare for the CIE exam, first read the reference books listed above in their entirety. Next, consult the following sections in more detail.



WARNING: Limiting your study to only the following pages will put you in danger of failing the exam. The exam assumes a comprehensive knowledge of each reference text. Each of the following references provides ONE example of a place where exam topics may be discussed.



American Council for Accredited Certification

1. Bailey, *Fungal Contamination*

Pages 10, 16, 19, 63, 64, 65, 66, 91, 92, 101, 112, 131, 156, 171, 177, 190, 195, 216, 220, 239, 240, 246, 251, 264, 293, 298 and 370.

2. EPA, *Building Air Quality*

Pages 5, 6, 7, 8, 9, 10, 11, 12, 19, 23, 36, 46, 51, 110, 111, 112, 113, 115, 117, 133, 134, 137, 142, 143, 147 and 155.

3. Burroughs, *Managing Indoor Air Quality*

4th Edition

9, 10, 11, 19, 20, 21, 22, 30, 31, 33, 34, 41, 56, 59, 79, 91, 93, 97, 101, 120, 122, 134, 135, 138, 146, 161, 171, 180, 186 and 292.

5th Edition

10, 11, 12, 19, 20, 21, 22, 30, 31, 33, 34, 42, 56, 60, 81, 93, 95, 99, 103, 122, 124, 137, 140, 153, 163, 171, 180, 186 and 294.

4. NIOSH *Respirator Selection Logic (2004)*

Pages 1, 4, 5, 8, 13, 17, 19, 20 and 22