



American Council for Accredited Certification

Preparing for the Council-certified Indoor Environmental Supervisor (CIES) and Council-certified Indoor Environmental Remediator (CIER) Examinations

Examination Reference Materials:

The CIES and CIER examinations are 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)
- EPA *National Elemental Mercury Response Guidebook*, Section 9.4: Removal Procedures
- EPA, *Voluntary Guidelines for Methamphetamine Laboratory Cleanup*
- New York City Dept of Health & Mental Hygiene: *Guidelines on Assessment and Remediation of Fungi in Indoor Environments* (2008)
- US Code of Federal Regulations 40 CFR 763: Asbestos (<http://ecfr.gov>)
- US Code of Federal Regulations 40 CFR part 61 subpart M: Asbestos (<http://ecfr.gov>)
- US Code of Federal Regulations 29 CFR 1926.1101: Asbestos (<http://ecfr.gov>)
- US Code of Federal Regulations 40 CFR 745: Lead (<http://ecfr.gov>)
- US Code of Federal Regulations 29 CFR 1926.62: Lead (<http://ecfr.gov>)
- US Code of Federal Regulations 29 CFR 1910.120: Hazardous materials (<http://ecfr.gov>)
- Nancy Bollinger, *NIOSH Respirator Selection Logic 2004* (Cincinnati: NIOSH, 2004)

Examination Topics:

The CIES and CIER closed book examinations cover **six topic areas** relevant to indoor environmental remediation. The CIES exam contains 120 multiple choice questions; the CIER exam contains 100 multiple choice questions. More information is available in the CIES and CIER application booklets.

Topic Areas:

1. Asbestos remediation in the indoor environment: techniques, procedures and regulations
2. Lead remediation in the indoor environment: techniques, procedures and regulations
3. Hazardous materials remediation in the indoor environment: techniques, procedures and regulations
4. Microbial remediation in the indoor environment: techniques, procedures and regulations
5. Chemical remediation in the indoor environment: techniques, procedures and regulations
6. Respiratory Protection

Recommended Study Procedures:

To prepare for the CIES and CIER examinations, first read the reference books listed above in their entirety. Then review the following sections from each text in more detail.



WARNING: Limiting your study to only the following pages will put you in danger of failing these exams. The exam assumes a comprehensive knowledge of each reference text.



1. **EPA National Elemental Mercury Response Guidebook, Section 9.4: Removal Procedures**
Sections 9.4.2; 9.4.3; 9.4.8; and 9.4.10
2. **New York City Dept of Health & Mental Hygiene: *Guidelines on Assessment and Remediation of Fungi in Indoor Environments (2008)***
Pages 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 13
3. **EPA, *Voluntary Guidelines for Methamphetamine Laboratory Cleanup***
Pages 7, 10, 13, 14 and 15
4. **US Code of Federal Regulations 40 CFR 763: Asbestos**
Sections 80(a), 83, 84(e), 90, 90(b)(1), 90(c)(1), 91(f), 95(2), 97(a) and Appendix D
5. **US Code of Federal Regulations 40 CFR part 61 subpart M: Asbestos**
Sections 141, 145(a)(4)(i), 145(c)(1) and 145(c)(3)
6. **US Code of Federal Regulations 29 CFR 1926.1101: Asbestos**
Sections b, c(1), d(4), e(1), e(6), f(2)(i), f(3)(i), f(5), g(1)(i), g(3), g(4)(iii), g(5)(i)(A)(2), g(5)(ii), g(5)(v), g(8)(i), g(9)(i), h(1), j(1)(i), j(1)(iii) and Appendix F.
7. **US Code of Federal Regulations 40 CFR 745: Lead**
Sections 63, 65(a)(3), 65(b), 83, 85(2), 85(3)(i), 227(e)(1), 227(e)(6)(ii) and 227(e)(6)(iv)
8. **US Code of Federal Regulations 29 CFR 1926.62: Lead**
Sections b, c(1), e(1), e(3), f(1)(iii), f(3)(i)(C) and h(3)
9. **US Code of Federal Regulations 29 CFR 1910.120: Hazardous materials**
Sections a(1), a(3), b(1), b(4)(i), b(4)(ii)(1), c(2), c(5)(ii), e(2), e(3)(ii), e(8), f(2)(i), f(3)(i)(B), j(6)(ii), Appendix B parts B.I.2 and B.II.2 and Table H-120.1
10. **NIOSH Respirator Selection Logic (2004)**
Pages 1, 4, 5, 8, 13, 17, 19, 20 and 22