



## Preparing for the Council-certified Microbial Investigator (CMI) Examination

### Examination Reference Materials:

The CMI 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](http://www.acac.org))
- AIHA, *Field Guide for the Determination of Biological Contaminants in Environmental Samples*, 2<sup>nd</sup> edition (Fairfax, VA: AIHA, 2005)
- ACGIH, *Bioaerosols: Assessment and Control* (Cincinnati, OH: ACGIH, 1999)
- IICRC, *Standard S500-2006: Standard and Reference Guide for Professional Water Damage Restoration*, 3<sup>rd</sup> edition (Vancouver, WA: IICRC, 2006) **OR** ANSI/IICRC, S500-2015, *Standard and Reference Guide for Professional Water Damage Restoration*, 4<sup>th</sup> edition (LasVegas: IICRC, 2015).
- IICRC, *Standard S520: Standard and Reference Guide for Professional Mold Remediation*, 2<sup>nd</sup> edition (Vancouver, WA: IICRC, 2008) **OR** ANSI/IICRC S520-2015, *Standard for Professional Mold Remediation*, 3<sup>rd</sup> edition (Las Vegas: IICRC, 2015) and IICRC R520-2015, *Reference Guide for Professional Mold Remediation*, 3<sup>rd</sup> edition (LasVegas: IICRC, 2015).
- Nancy Bollinger, *NIOSH Respirator Selection Logic 2004* (Cincinnati: NIOSH, 2004), [www.acac.org/forms/rclibrary/nioshresp2004.pdf](http://www.acac.org/forms/rclibrary/nioshresp2004.pdf)

### Examination Topics:

The 100-question, closed book examination covers **six topics** relevant to microbial investigations and consulting. Approximately twenty 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 CMI application booklet)

1. Biological Agents
2. Potential Exposure-related Health Effects
3. Microbial Investigation Procedures
4. Microbial Sampling Procedures
5. Microbial Remediation Procedures
6. Respiratory Protection

### Recommended Study Procedures:

To prepare for the CMI exam, first read the reference books listed above. 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 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.**



**1. AIHA, Field Guide**

AIHA, *Field Guide*—sections 2.2.4; 3.3; 3.4; 3.4.1; 6.1.5.2; 6.2.1; 6.2.3; 7.1.1; 7.4.1; 7.5.1.1; 9.1.6 and page 59.

**2. ACGIH, *Bioaerosols: Assessment and Control***

ACGIH, *Bioaerosols*—sections 1.2; 2.4.2.2; 2.6.2; 3.2.1; 3.2.2; 3.7; 6.6.1; 7.3.2; 9.2.2; 9.3.1; 9.3.4; 10.1; 10.2; 10.4.3; 10.4.3.1; 10.4.3.2; 11.4.2; 15.2.3.2; 15.5; 16.1; 16.1.2; 18.1.1; 18.1.3; 18.1.4.1; 18.1.4.2; 18.2.4; 18.3.2; 18.3.4; 19.1.1; 19.1.4; 19.4.1.1; 23.1.1; 24.1.3; 26.1.1; 26.4 and Tables 5.4; 5.8; 11.1; 18.1 and 19.3.

**3. IICRC, S500**

**3<sup>rd</sup> Edition (2006)**

Pages 98 and 102; Standards 7.1; 7.3.1; 9.6; 9.10.1 and 12.5.6.1

**4<sup>th</sup> Edition (2015)**

Pages 14, 96, 100 and 146; Standards 8.1 and 10.7.5

**4. IICRC, S520**

**2<sup>nd</sup> Edition (2008)**

Pages:  
6, 63, 65, 66, 67, 73, 75, 76, 78, 80, 103,  
107, 124, 125, 127, 128, 129, 130, 146, 149,  
150, 163, 176 and 176.

Standards:  
3.0, 9.2, 12.1, 12.1.2, 12.1.3, 12.1.5, 12.2.4  
and 13.0.

**3<sup>rd</sup> Edition (2015)**

R520-2015  
Pages 6, 9, 10, 11, 13, 14, 14, 20, 22, 23,  
27, 51, 53, 54, 66, 71, 72, 72, 74, 74, 75, 93,  
93, 94, 97, 110, 121, 157 and 171

S520-2015  
Standards 3, 10.2.1, 12.1, 12.1.2, 12.1.3,  
12.1.5, 12.2.4 and 13.0.

**5. NIOSH, Respirator Selection Logic (2004)**

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