Assessing, Sampling, and Controlling Microbial Contamination in the Indoor Environment

Instructors:

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DAY ONE:

8:00AM - 8:30AM	REGISTRATION
8:30AM - 4:30PM	PROGRAM
10:00AM - 10:10AM	AM BREAK
12:00PM-12:45PM	LUNCH
12:45PM - 1:00PM	SIGN BACK IN
2:10PM-2:20PM	PM BREAK
4:30PM	END OF PROGRAM DAY 1

I. Introduction to Indoor Air Quality/MOLD
   - Biological and Microbiological Contaminants Found Indoors, with Emphasis on Fungi

II. Health Effects of Molds

III. Infection Control & Legionella (Legionnaire's Disease)

IV. Inspecting and Sampling Microbiological Contamination Indoors

V. Assessing and Sampling Microbiological Contamination Indoors
   - Demonstration of Sampling Equipment

VI. Cleaning and Controlling Microbiological Contamination in HVAC Systems

VII. Structural Drying of a Building After a Flood
   - Drying Methods & Various Types of Dehumidification Equipment

DAY TWO:

8:00AM - 8:30AM	REGISTRATION
8:30AM - 4:30PM	PROGRAM
10:00AM - 10:10AM	AM BREAK
12:00PM-12:45PM	LUNCH
12:45PM - 1:00PM	SIGN BACK IN
2:10PM-2:20PM	PM BREAK
4:30PM	RETURN HOME

VIII. Introduction to HVAC Systems

- HVAC system, Including Air Handling Units, Filtration System, Cooling Coils, Condensate Drain Pans, Humidifiers, Air Conveyance System and How the System May be Contaminated by Microbes

IX. Designing a Microbiological Remediation Project

- Designing a Microbiological Remediation Project in a Fungal Contaminated Environment

X. Monitoring a Microbiological Remediation Project

- IH Oversight & Testing in a Microbial Remediation Project

XI. Health & Safety Committees & Dealing with MOLD/Moisture Issues

- Health & Safety Committees & Pro-active Approaches to MOLD/Moisture Problems in the Workplace

XII. How Clean Is Clean? Post-abatement Assessment Sampling and Results

- A Post-abatement Assessment Sampling Plan, Strategy of a Microbial Remediation Project and Results Interpretation