

Indoor Air Quality

Environmental Safety Technologies is among the industry's most trusted names in Indoor Air Quality and Environmental Microbiology.



***Environmental
Safety
Technologies***

Indoor Air Quality

Why use Environmental Safety Technologies?

Since 1993, Environmental Safety Technologies has been among the industry's most trusted names in Indoor Air Quality (IAQ) and Microbiology.

Investigations

Determine the extent of contamination and potential exposure.

IAQ Assessments

Assess both the physical and environmental condition of your home or building.

Professional Consultation

Microbial remediation protocol development, project management and consultation.

Environmental Testing and Analyses

Sampling and Laboratory analyses to properly assess not only the health risk associated with your space, but also the efficacy of remediation efforts and the effects of reconstruction.

Expert Reporting and Recommendation

PhD Microbiologist and Certified Industrial Hygienist laboratory result interpretation and recommendations.

Indoor Air Quality Assessments

Before air monitoring can be deemed necessary, a Certified "Indoor Environmental Professional" (IEP) (refer to the American Industrial Hygiene Association or Indoor Air Quality Association) should conduct a walkthrough visual inspection. The purpose of this inspection is to determine the source of contamination and potential exposure as well as developing a sampling strategy, if necessary.

Air monitoring may be necessary if:

- There is evidence of contamination. The purpose of such air monitoring is to assess the extent and type of contamination throughout a building.
- An individual displays symptoms of respiratory illness or has been diagnosed with a disease that is or may be attributed to fungal exposure (e.g., aspergillosis).
- The presence of mold is suspected (musty odors, excessive humidity, etc.) but cannot be identified by a visual inspection (mold growth behind walls). The purpose of such air monitoring is to determine the location and/or extent of contamination.

MOLD REMEDIATION - WHAT YOU SHOULD KNOW

1. The governing body for Remediation and Remediators, the **Institute of Inspection Cleaning and Restoration (IICRC)**, has published guidelines for dealing with Mold and Moisture remediation efforts.
2. Property owners should contact a certified "Indoor Environmental Professional" (IEP) to ensure that remediation efforts are conducted safely with occupant protection ensured throughout the remediation process.
3. Whether or not remediators are trained to make the determination of condition, to do so creates a conflict of interest. Ethical considerations make such determination inappropriate and legislation may make it illegal. Even if qualified, remediators should not act as an Indoor Environmental Professional (IEP) on projects in which they provide remediation services.
4. Mold remediation contractors should NOT act as their own Indoor Environmental Professional (IEP) or become a substitute for an independent Indoor Environmental Professional (IEP).
5. Post remediation verification should be conducted by an independent third-party.



Kentucky's Only Accredited Environmental Microbiological Laboratory

Environmental Safety Technologies staff hold certifications from these nationally recognized organizations:

- American Industrial Hygiene Association (AIHA)
- American Indoor Air Quality Council (AIAQC)
- American Society of Healthcare Engineers (ASHE)
- Association of Energy Engineers (AEE)

Our staff have the highest qualifications, including:

- Ph.D. Microbiologist
- Certified Indoor Air Quality Professional (CIAQP)
- Certified Indoor Environmental Consultant (CIEC)
- Certified Indoor Air Quality Consultant (CIAQC)
- Certified Industrial Hygienist (CIH)
- Certified Healthcare Contractor (CHC)

Environmental Safety Technologies has coordinated with healthcare organizations across the United States consulting on thousands of environmental projects, including:

- Indoor Air Quality (IAQ)
- Industrial Hygiene
- *Legionella* potable water and cooling tower testing
- Pre-construction, construction and renovation; Infection Control Risk Assessment (ICRA)
- Building Science Evaluations
- Environmental Risk Assessments

Comprehensive Industrial Hygiene Services

- Contaminant Evaluation and Testing
- Hearing Conservation/Noise Monitoring
- Indoor Air Quality Evaluations
- Safety and Health Audits
- Accident and Injury Investigation
- Personal Protective Equipment
- Respiratory Protection
- Health and Safety Plans



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