



Indoor Air Quality Management

INDUSTRIAL HYGIENE

Indoor air quality (IAQ) is a high profile issue that affects million of workers around the world. The World Health Organization estimates that as many as 30% of new and remodeled buildings world wide can be classified as “problem buildings” – where productivity is impaired by poor IAQ.

Many issues can affect building air quality – volatile organic compounds (VOCs), formaldehyde, particulate matter, mold, and moisture intrusion, even poor ventilation. These issues often find their way into courtrooms; and property owners, occupants, attorneys, and lenders are all drawn into the equation.

The EI Group, Inc. (EI) provides comprehensive IAQ services, from initial building screening, to air testing, and problem building resolution. Our scientists have advised US EPA, NIOSH, CDC, and other federal agencies on indoor air quality and have conducted thousands of problem building investigations.

EI's IAQ management services:

- » Baseline Building Air Quality Assessments
- » IAQ Management Plans
- » Airborne Contaminant Monitoring
- » “Problem Building” Investigations
- » Employee Surveys and Communications
- » Mold and Moisture Intrusion Investigation and Remediation
- » Work Plans and Remediation Protocols
- » LEED EQ 3.2 Credit Testing and Analysis
- » Ventilation Assessments

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IAQ
Management

EI's experienced industrial hygiene staff includes Certified Industrial Hygienists, industrial hygiene technicians, environmental scientists, and mechanical engineers with a diverse range of indoor air quality (IAQ) management experience in the workplace environment.

Mold Management

Mold and biological contamination continue to be high profile issues throughout the country. On almost a weekly basis, local and national news media are depicting businesses disrupted and residents ill or displaced from their homes because of mold contamination.

EI provides the following microbial assessment and remediation services:

- » Investigate site for sources of moisture/water intrusion.
- » Collect air, bulk, or tape-lift, or swab samples for mold/fungi.
- » Generate list of contaminated and/or potentially contaminated materials based upon room-by-room visual inspection.
- » Prepare a written report containing a discussion of all observations and findings of the study.
- » Provide general recommendations for immediate and long term corrective action.
- » Prepare a written work plan, conducted by a Certified Industrial Hygienist (CIH), which will incorporate the scope of work as well as remediation guidelines as established by the US EPA and other agencies.
- » Cost estimates for completion of remediation activities.
- » Develop exposure assessments for health professionals evaluating impact on human health.
- » Provide post remediation verification and sampling following the completion of remediation activities.