

## Our Mission Statement

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To offer our clients an unmatched expertise in the fields of indoor air quality assessments, water loss consulting, and thermal imaging, and to promptly conduct these services in a cost-effective manner, and with an unparalleled level of professionalism and discretion.

## Indoor Air Quality

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According to the EPA, three major reasons for poor indoor air quality (IAQ) in buildings are the presence of indoor air pollution sources; poorly designed, maintained, or operated ventilation systems; and uses of the building that were unanticipated or poorly planned for when the building was designed or renovated.

An initial IAQ assessment consists of interviewing building occupants, a thorough visual inspection (surface contaminants, areas of elevated moisture, etc), and air monitoring (CO, CO<sub>2</sub>, temp, RH, etc).

Once identified, most IAQ problems can be corrected by:

- Pollutant source removal or control
- Improved ventilation
- Air filtration

## Mold

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Issues related to mold growth are the basis of many indoor air quality (IAQ) complaints. Prolonged exposure to elevated levels of airborne mold spores will cause symptoms in most individuals. These symptoms include, but are not limited to, irritation of mucous membranes (eyes, nose, throat, etc), headaches, and upper respiratory problems.

When determining if you have a 'mold problem,' the following is considered:

- general health of building occupants
- cause of mold growth
- type(s) of mold growth
- amount of mold growth (visible & hidden)

Consulting with a qualified Indoor Environmental Professional (IEP) can definitively answer all of these questions.

Once the assessments are complete, and laboratory results obtained, IAQ Diagnostics will design a specific scope-of-work to correct your areas of concern.

All mold remediation recommendation given by IAQ Diagnostics are in accordance with the IICRC S520 - *Standard and Reference Guide for Professional Mold Remediation*.

Indoor Air Quality Diagnostics, Inc  
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## Indoor Air Quality Diagnostics, Inc

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- **Indoor Air Quality Assessments**
  - **Mold & Allergens Testing**
  - **Bacteria & Chemicals Testing**
  - **Water Loss Consulting**
  - **Thermal Imaging**
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## Thermal Imaging & Water Loss Consulting

### Thermal Imaging

IAQ Diagnostics performs thermal imaging services for property owners, builders, general contractors, insurance companies, and hospitals throughout the Midwest. Thermal imaging allows us to:

- ❖ Visually document building materials initially affected by a water loss.
- ❖ Locate the source of water intrusion (leaks, etc).
- ❖ Identify areas causing condensation.
- ❖ Assist the water restoration company and decrease drying time.
- ❖ Provide clearance scans to confirm the structure has been completely and properly dried.

### Water Loss Consulting

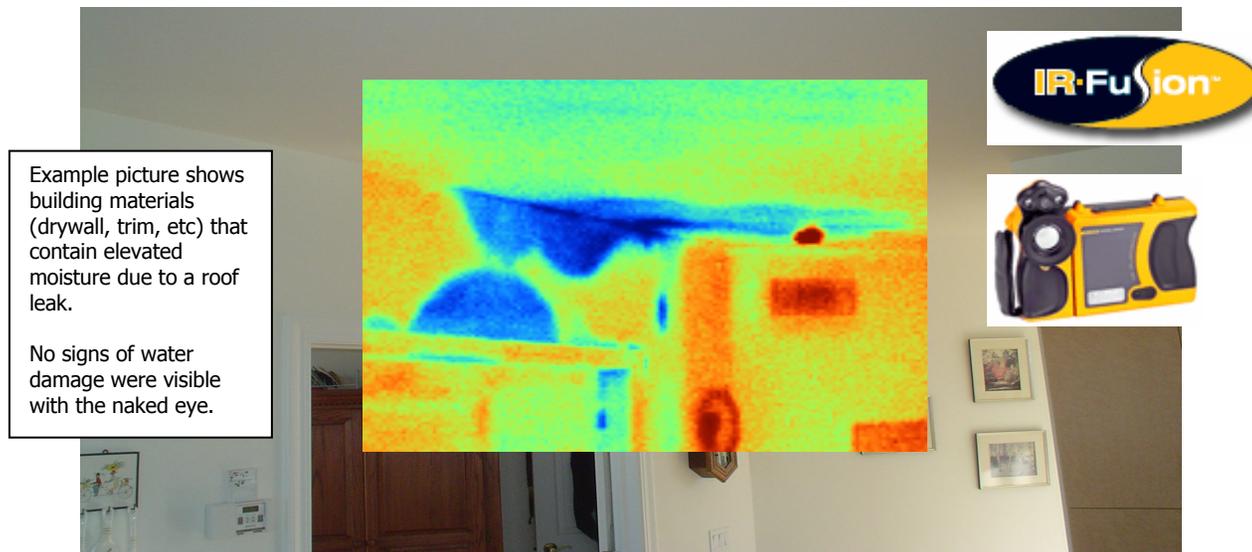
IAQ Diagnostics provides water loss consulting services from the initial occurrence until the property is completely dried.

Our presence on a job site ensures that:

- ❖ All affected areas are identified and documented.
- ❖ Unsalvageable building materials are properly removed and discarded.
- ❖ Drying equipment is either relocated or removed from the site when a section of the structure is dry (i.e. decrease equipment costs).
- ❖ The structure is completely and properly dried.

All recommendations given by IAQ Diagnostics are in accordance with the IICRC S500 - *Standard and Reference Guide for Professional Water Damage Restoration*.

When your building suffers a water loss, our goal is to **DECREASE YOUR LIABILITY** and **SAVE YOU MONEY**.



### Interpreting Thermal Imaging Pictures

IAQ Diagnostics overlays thermal imaging pictures onto digital pictures to clearly portray the area in question.

Building materials that contain elevated moisture are typically cooler than the surrounding dry material due to evaporation. The cooler building materials are shades of **BLUE**, while the warmer materials are shades of **RED** (see picture above).

Moisture meters (and dry standards) are used to confirm the presence, or absence, of elevated moisture for suspect building materials.

## Choosing an Indoor Environmental Professional (IEP)

Choosing the right IEP will *save you money*.

1. **Beware of companies that perform both mold assessments and mold remediation.** Offering both services is a conflict of interest because their company directly profits by convincing you that your 'mold problem' requires extensive remediation.
2. **Certifications, degrees, and experience.** Not all companies offer highly trained IEPs. However, IAQ Diagnostics' IEPs have the following degrees and certifications:
  - Bachelor Science – Microbiology
  - Certified Indoor Environmentalist (CIE)
  - Water Restoration Technician (WRT)
  - Applied Thermography Training (ATT)
3. **Avoid companies that use terms such as "toxic mold" and/or "black mold".** These are inflammatory expressions commonly used by the media, and should be avoided by respected IEPs.
4. **Avoid home inspectors who perform mold assessments.** Many home inspectors have begun offering mold testing services, but are often unable to interpret the laboratory results or design you a scope-of-work for the remediation.

## Services Offered

Partial list of services offered by IAQ Diagnostics

- Indoor Air Quality Assessments
- Mold & Allergen Testing & Consulting
- Particulate Monitoring
- Water Loss Consulting
- Thermal Imaging
- Bacteria/Coliforms (sewage) Testing & Consulting
- Volatile Organic Compounds (VOC) Testing
- Radon Testing

Laboratory results are typically obtained within two (2) to seven (7) business days depending on the services needed.