



Mayfield Thermography Consulting Service (MTCS) provides consulting services to the Indoor Air Quality Industry for the primary purpose of identifying moisture anomalies in all types of structures. MTCS provides services for both commercial and residential clients as well as city, county and state governmental departments.

Only since about 2000, has the general public become aware of the dangers of mold growth, or even the possibility that it might occur in their home or other buildings. Concerns over “EIFS” (exterior insulation and finish systems) and “stucco”; make these building methods the perfect candidate for infrared moisture detection. MTCS can detect moisture anomalies and provide an in-depth report outlining moisture intrusion anomalies and then refer clients to contractors who specialize in water intrusion repairs.

New studies by the Mayo clinic have linked over 90% of all sinus problems to the inhalation of common molds.

As the knowledge about health problems with mold and fungi grow, many problems dealing with mold have come to light. Without stopping the source of the moisture intrusion that has led to the mold growth, the problem will likely return.

The EPA, Texas Department of Health and other respected resources concerning these problems all agree, and all say the same thing:

“MOISTURE CONTROL IS THE KEY TO MOLD CONTROL”

After inspecting hundreds of structures and looking at architectural designs, MTCS has developed a proprietary inspection methodology utilizing special infrared equipment and proprietary lenses.

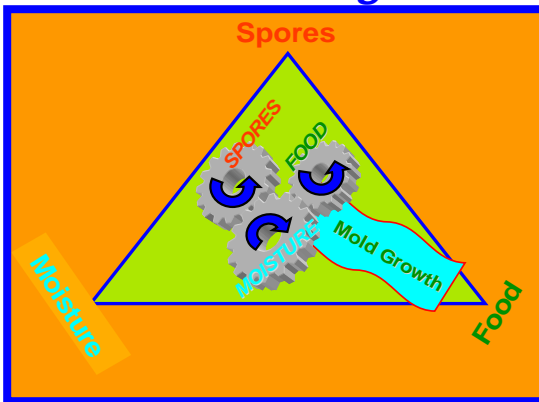
MTCS can provide clients with a demonstration of this technology and how it will significantly impact the approach now taken toward building and property management regarding mold control and water leakage.

Most inspections are disruptive to home or business and result in costly, stopgap repairs...possibly requiring further maintenance and expense in the future. The MTCS infrared inspection service easily identifies moisture problems nondestructively.

MTCS can better protect your investment or future investment by locating moisture anomalies the first time!

Mold Growth requires three components to exist, known as the:

Mold Triangle



- **Mold Spores**
(We live in a mold environment, mold spores are everywhere)
- **Moisture**
(Water)
- **Food Source**
(All organic materials)

Moisture (Water) is the ONLY controllable variable in the Mold Triangle

Current moisture detection methods only determine if there is an elevated moisture level at the specific location being tested. This frequently does not find the source or all of the moisture anomalies.

MAYFIELD THERMOGRAPHY CONSULTING SERVICE has the **KEY** by nondestructively identifying the client’s moisture intrusion anomalies!

Call for details and Infrared Inspection pricing

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The proper steps to fix a mold problem are as simple as a **STAR**:

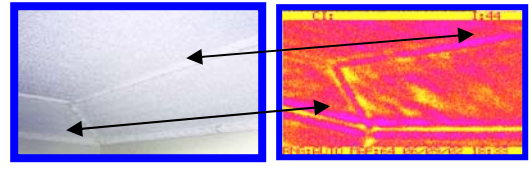


S = Stop the Growth (*Control the Moisture*)

T = Test the Organism

A = Access the Extent of Moisture Intrusion and Mold (*Control Moisture / Control Mold*)

R = Remediate the Damage by (*Decontaminating*) the area, **call MTCS for details!**



Based on the **Mold Triangle** (front page), it takes spores, water and food to establish a colony of mold. Unfortunately little can be done to eliminate spores from our environment; therefore, control comes from **Stopping the source of moisture** necessary to sustain fungal growth. Don't just try to kill the organism with bleach, fungicides, or by painting over it. You have to control the moisture, otherwise mold re-growth is probable.

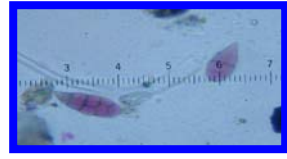
Next, **Test the organisms** to determine what types of mold are present as this information may be important for evaluation of adverse health effects and also serves as the benchmark for developing remediation plans. Don't lose important documentation by removing the organisms prior to testing. Find out if you have potentially harmful organisms before you expose people and adjacent property.

Making an **Assessment of the extent of Moisture Intrusion and Mold Contamination** is crucial in determining the scope of remediation. In addition to the number of colony forming units (CFU's), it is important to determine how far the spores may have spread, especially if they are from a toxic species that produces **Mycotoxins**. Assessing the extent of contamination is often the cornerstone of your remediation plan, but **Controlling Moisture is the key to long term success!**

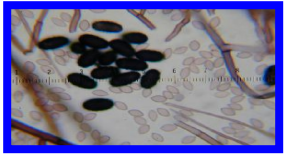
Clean-up of moisture and mold damage and related contamination is often based on the type of mold, the extent of damage, protection of personnel, and protection of adjacent property. **Remediation** efforts recommended by others could range from simple soap and water clean-up (why add more water- isn't that what originally created the problem?) to expensive programs involving specialized equipment, procedures, professional project management, and protocols. MTCS recommends DECONTAMINATION with "Structural Decon" and "Contents Decon" in conjunction with limited remediation at a cost saving of at least 60% over conventional remediation practices. This is the only process which will neutralize all mycotoxins. **Call MTCS for details!** In all cases, knowledge of exposure risks is critical when attempting to remediate potentially hazardous biological organisms.

Who benefits?

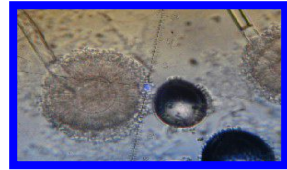
1. Commercial and residential occupants
2. Real estate buyers and sellers
3. Individuals who are ill
4. Environmental illness patients
6. Law firms defending companies and individuals
5. Physicians seeking treatment for patients with mold allergies
7. Buildings that need a sealed structure
8. Insurance companies responding to claims
9. Home builders



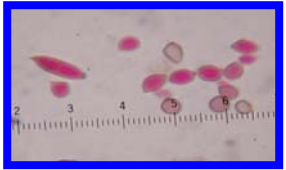
Alternaria Spores



Stachybotrys Spores



Aspergillus Spores



Cladosporium Spores

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