

WE  
ARE  
ETA.

*Environmental  
Testing  
Agency.*



ENVIRONMENTAL  
TESTING AGENCY



# Hello!

If you know about us or if this is your first time, let us introduce ourselves. A vast experience in the construction field for commercial and residential properties has helped us build our air quality testing industry foundation. Not only have we found success in this area but also fulfillment from the opportunities of helping people. This has made our passion and knowledge in our field by offering services to identify potential indoor environmental issues.

At The Environmental Testing Agency, we stand by some essential values like integrity, knowledge, transparency, and a quick turnaround time. These values build our core and complement the standard which we uphold. As a team, we welcome the opportunity to earn your trust and deliver you the best service, making your needs our utmost importance.

## What is mold?

Yes, what exactly is mold? Basically, and in a more friendly way, it is a type of fungus that is very likely to appear in areas of a home that have been exposed to water or excessive humidity.

Mold requires a combination of moisture, warmth, and organic matter to develop and feed. Over a thousand variations of molds, both toxic and non-toxic, can thrive in a home or particular place.



Who you gonna call?

ETA, of course!

## Who is at greater risk when exposed to mold?

Even though mold exposure is not healthy for anyone, it could be threatening for certain groups of people that may develop more severe symptoms than others. Those dealing with existing respiratory conditions such as asthma, allergies, or chemical sensitivity, and people with weakened immune systems, infants, young children, the elderly, and pregnant women can be more susceptible.

## Can mold become a problem in your home?



Yes, it can, and yes, it will! Mold will grow and multiply whenever sufficient moisture, humidity, and organic material are present. Its growth can damage furniture and other possessions. The worst part? **Unchecked growth with time can cause severe damage to the structural elements in any home or building.** Be on the lookout for familiar sources of indoor moisture that may lead to mold problems. Flooding, leaky roofs, sprinklers, plumbing leaks, humidifiers, overflow from sinks or sewer backups, steam from shower or cooking, wet clothes drying indoors, and A/C units leaking or not effectively controlling the humidity are just a few to name.



Our Inspection Process: Determining what the problem is, how to fix it, and prevent it in the future is the basis of our 3 step inspection process.



### DETECTION

We'll discover the source of infrastructure damage. This is imperative and also the first step in our process.



### TESTING

We send all samples to an accredited laboratory. Our labs know that this is our priority and will give the most detailed results possible.



### ASSESSMENT

Our certified and licensed assessors will compile a comprehensive report providing our documentation and lab analysis. All information comes with a scope of work.



## Allergens in Homes and Buildings

Allergens are substances that cause allergic reactions and trigger respiratory symptoms making the immune system recognize them as foreign or dangerous. The air spreads allergens around, and as a result, the body reacts by creating a type of antibody called IgE to defend against them. This reaction leads to allergy symptoms. Allergens can settle onto furniture and floors and vary in size, and are measured in microns, also called micrometers.

## Some common allergens include:

- **Dust:** More than just dirt, house dust is a mix of sloughed-off skin cells, hair, clothing fibers, bacteria, dust mites, bits of dead bugs, soil particles, pollen, and microscopic specks of plastic.
- **Airborne Fiberglass:** It can be lined on the inside of ventilation ductwork where the air blows past it, inside the plenum of an HVAC system, laying above ceiling panels, attics, basements, not sealed cracks, and much more.
- **Indoor Rust:** Corrosion of the copper tubing in the coil from the outside is the most common cause of evaporator coil leaks. This corrosion happens when formic acid accumulates on the coil due to the interaction of water, copper, and volatile organic compounds (VOCs) in your indoor air.
- **Scents:** Both good and bad, can affect indoor air quality and trigger asthma symptoms. These can include scented candles, potpourri, perfumes, wax warmers, and cleaning supplies.
  - ▶ Animal proteins and animal dander
  - ▶ Fungal spores
  - ▶ Insect and mite feces
  - ▶ Pollen
  - ▶ Wall-to-wall carpet
  - ▶ Stuffed toys
  - ▶ Indoor plants

You must know that allergens are present everywhere. The best way to improve your air quality is to get rid of sources of allergens and irritants in your home. Take measures to avoid and reduce contact with them. Please check our website or call us for a professional consultation.

## Indoor Air Quality

IAQ refers to the air quality within buildings and structures, especially related to the health and comfort of building occupants. Understanding and controlling common pollutants inside a home or particular place can help reduce the risk of indoor health concerns.

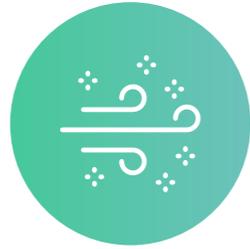
## Poor Indoor Air Quality?

### *These are the Symptoms:*

- Complications on asthma and allergies
- Respiratory problems
- Headaches and nausea
- Sinus congestion, sneezing, and coughing
- Eye, skin, nose, and throat irritations
- Memory loss, dizziness, fatigue, and worst cases even depression

## Smog in our brains?

Several studies identify connections between air pollution, decreased cognition, and well-being. They have found that high levels of air pollution may damage children's cognitive abilities, increase adults' risk of cognitive decline, and possibly even contribute to depression. Still, the cumulative results of these studies suggest that air pollution deserves closer scrutiny as a risk factor for cognitive impairment and perhaps dementia.



# May your air be **as pure and clean** as possible

Nowadays, people are concerned about inhaling viral particles like the Coronavirus. They are more perceptive of their surroundings and the air conditions they breathe.

New research shows that air quality at work may have subtle effects on cognitive function. Poor indoor air quality is associated with subtle impairments in several mental functions, including our ability to concentrate and process information.

Check and consult your home and business periodically with a specialist. No job is too big or too small for us. Make a call, and ETA will be on the way.

**@etamold**



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