



12.6 BUILDING, IAQ, HUMIDITY & MOLD CONTROL



BUILDING ON FAMILY LEGACY OF
EXCELLENCE | MUTUAL RESPECT | ETHICS | SAFETY | SUSTAINABILITY | FAIR RETURN



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WHAT WE ARE OFFER?

- Full Site Investigation with Testing & Report.
- Proposal to Prevent or Solve the Mold & Humidity Problems.
- Modification & Repair Works.
- Decontamination.

WHAT IS INDOOR AIR QUALITY (IAQ) ?

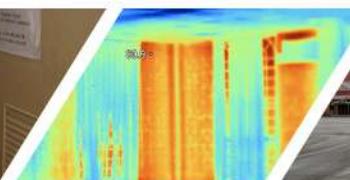
Indoor Air Quality (IAQ) deals with the content of interior air that could affect health and comfort of building occupants. The IAQ may be compromised by microbial contaminants (mold, bacteria), chemicals (such as carbon monoxide, radon), allergens, or any mass or energy stressor that can induce health effects. Recent findings have demonstrated that indoor air is often more polluted than outdoor air (albeit with different pollutants) although this has not changed the common understanding of air pollution. In fact, indoor air is often a greater health hazard than the corresponding outdoor setting. Using ventilation to dilute contaminants, filtration, and source control are the primary methods for improving indoor air quality in most buildings.

OUR EXPERTISE ON PREVENT AND SOLVE HIGH HUMIDITY & MOLD CONTROL PROBLEMS



COLLABRATION WITH

**SPECIALIST FROM THE ASHRAE RESEARCH COMMITTEE,
MASON - GRANT CONSULTING (USA)**





WE ARE EQUIPPED WITH

1. Electronic Balancing Tool with Air Flow Pro Hood
2. Velometer for IAQ Monitoring
3. Temperature & Humidity Data Logger
4. Door Blower for Room Leakage Test
5. Infrared Thermometer for Surface Temperature
6. Air Sampling System
7. Particle Counter
8. Thermal Imager
9. Negative Air Machine
10. Air Scrubber
11. Heater Blower
12. Exhaust Extractor
13. Dust Collector
14. IAQ Meter
15. Formaldehyde Monitoring Kit
16. Particulate Monitoring Kit



OUR SERVICES ARE COMPLYING WITH



OUR CLIENTS



ASSESSMENT OF INDOOR AIR QUALITY BY DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH (DOSH)

PARAMETER

1. Air Temperature
2. Relative Humidity
3. Air Movement

CHEMICAL CONTAMINANTS

4. Carbon Monoxide
5. Formaldehyde
6. Ozone
7. Respirable Particulates
8. Total Volatile Organic Compounds (TVOC)

BIOLOGICAL CONTAMINANTS

9. Total Bacterial Counts
10. Total Fungal Counts

VENTILATION PERFORMANCE INDICATOR

11. Carbon Dioxide