



IAQ Consultants Pte Ltd is an accredited laboratory under the field of Environmental Testing in accordance with ISO/IEC 17025:2005

IAQ Consultants is Singapore's leading Indoor Air Quality experts providing total environmental solutions including testing in compliance to Singapore CP SS554.

# About Us



IAQ Consultants is a leading environmental specialist firm with trained professionals who are competent in conducting multitude environmental testing, building inspections and providing consultancy across various industries.

Our experts provide total environmental solutions including testing in compliance to Singapore CP;SS554 & specialized testing for VOC, HCOH, odor, mold, bacteria etc.

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**Determine the Source • Define the Cause • Deliver the Solution**

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# Services Overview



Our unique combination of professionally trained staff with extensive experience and vast technical knowledge base enables us to deliver TOTAL SOLUTIONS to our clients.

At IAQ, we devise many types of sampling strategies to determine the source. Our forensic investigations assist us in defining the cause/source. With reliable data and analysis, we deliver effective solutions to our clients.

# Services



IAQ Testing  
*(as per local standards)*



Green Mark Testing



Mold Testing



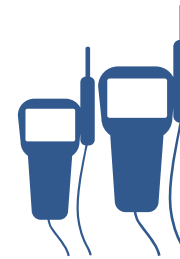
Home Health  
Check



Building Health Check



IAQ DIY Kit



Equipment Rental



HVAC Consulting

# Indoor Air Quality for Commercial Buildings

**Indoor Air Quality** refers to the air quality within and around buildings especially as it relates to the health and comfort of building occupants.

Since people spend about 8 hours at work each day, they can be exposed repeatedly to internally generated contaminants.

Most environment can have more than one source of contamination and there can be a serious risk from the cumulative effects of combined sources.

The cumulative effects can be a cause of **"Sick Building Syndrome (SBS)"** or **"Building Related Illness BRI"** and can cause possible long term health issues.





# Indoor Air Quality for Residential Buildings

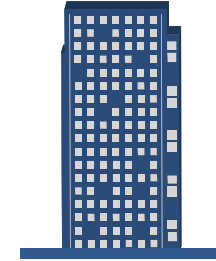
There are many causes of unhealthy indoor air quality at home. One of these is the off-gassing of chemical pollutants from new furniture.

Adequate ventilation is needed to dilute internally generated pollutants. Otherwise, indoor air quality can get worse.

Elevated temperature and humidity levels are also contributing factors to the increase in concentrations of some indoor air pollutants.



# Effects of Poor IAQ on Health & Building Assets



General Symptoms  
such as Headache



Upper Respiratory  
Irritation/Pain



Breathing Problems  
such as Asthma



Mold found  
on Walls



Peeling  
Wallpaper



Water Damaged  
Painted Walls



Lung Issues like  
Coughing & Bronchitis



Skin Itchiness  
& Dryness



Irritated Eyes resulting  
to Dryness & Itchiness



Damaged  
Ceiling Boards

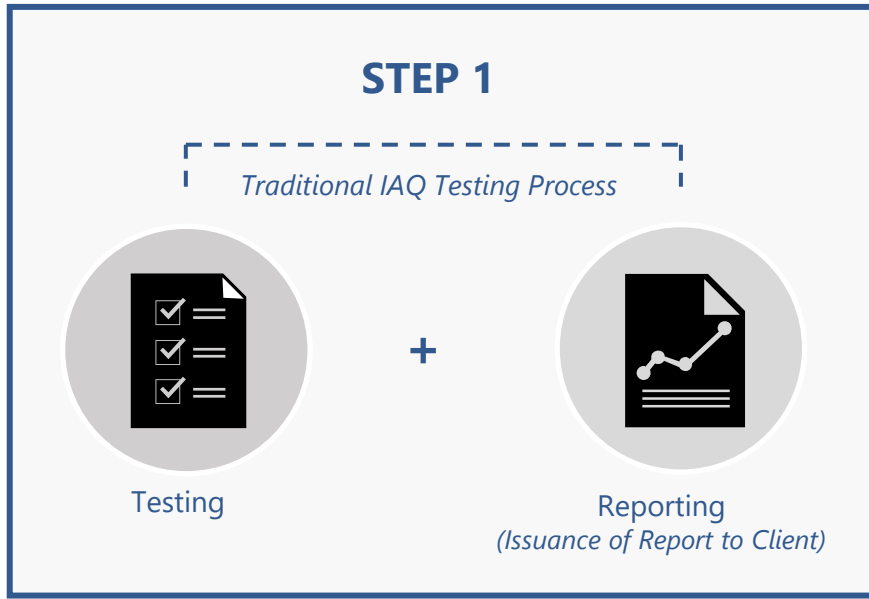


Mold on  
Furniture

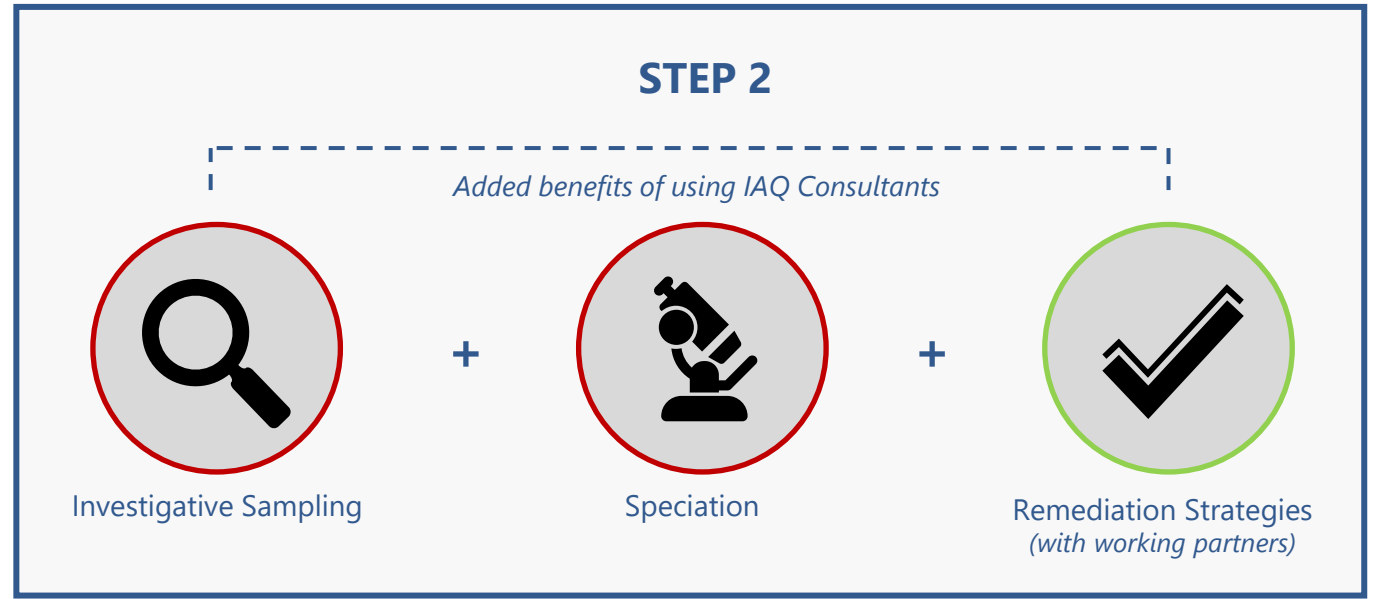


Damaged  
Carpets

# Our Approach



IAQ Consultants is SAC-SINGLAS Accredited and we take the job one step further. Our laboratory is the best in the region for providing detailed and accurate speciation of microbial samples.



In our commitment to guarantee you the solutions needed, we employ the latest diagnostic and leading edge technologies, instruments and sampling equipment. The combination of our advanced technology and experience puts us as forerunners in providing you with quality data and analysis.



# Investigative Sampling

Advanced processes under investigative sampling includes:

- Identification of Species
- Inspection of Building Materials
- Moisture Measurements
- Data Logging
- Surface Sample Collection

These processes deviates from the traditional IAQ testing and assist in establishing the root cause/source of the problem and proposal of rectification of action.



**Investigative Sampling**



Data Logging to Monitor  
Temperature & Humidity



Investigation of  
Building Materials



Identification of Species



Surface Sampling



AHU & Duct Inspection



Moisture Measurement

# Mitigation Strategies

Upon identification of root cause or source of the problem, a remediation plan will be drawn up with our strategic partner.

IAQ's involvement in mitigation works will be as a project management or provide consultancy services.



## Mitigation Strategies



ACMV



Mold Removal



Bio-Decontamination



Cleaning of Mechanical Components



Long-term Monitoring Solution

# Applications



## Office

- Increased Productivity
- Employee Welfare
- Reduced Absenteeism
- Identify Potential Environmental Issues



## Hospitals

- Infection Control
- Hospital Acquired Infection (HAI)
- Avoid Cross Contamination



## Manufacturing

- Avoid Cross Contamination
- Improve Quality of Product
- Reduce Absenteeism



## Hotels

- Guest Experience
- Commitment to Customer Satisfaction
- Hotel Branding
- Hypoallergenic Rooms



## Schools

- Improved Learning
- Health & Comfort for Students & Staff
- Healthy Schools, Healthy Kids



## Residential

- Healthy Living
- Pleasant Stay
- Keeps Interior Materials Last Longer
- Reduce Maintenance Cost

# Clients



Note: This list is not exhaustive and highlights just some of our valued clients. The logos and trademarks presented here belong to their respective companies. Nothing herein shall be construed as an endorsement or recommendation by these entities listed above.

# Connect With Us

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IAQ Consultants

# IAQ

Accreditation & Membership:

**IAQ CONSULTANTS**

**Indoor Air Quality  
Environmental Specialists**

