

Solutions for a Healthier Environment



At IAQ, We...



DETERMINE THE SOURCE.
DEFINE THE CAUSE.
DELIVER THE SOLUTION.



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Indoor Air Quality (IAQ) Parameters



IAQ SERVICES

IAQ Audit based on Standard SS554:2009

IAQ Services for BCA Green Mark Certification

IAQ Diagnostic Sampling

Mold Remediation Services

Microbial Speciation

SCOPE OF WORKS

10 Parameters Based on Singapore Standard SS554:2009; Code of Practice for Indoor Air Quality for Air-Conditioned Buildings

Test Parameters	Test Method	Threshold
Operative Temperature (Degree Celsius)	Measurement of Operative Temperature (SAM-018-02)	24°C to 26 °C
Relative Humidity (%)	Measurement of Relative Humidity (SAM-019-02)	<65% (for new buildings) <70% (for existing buildings)
Air Velocity (m/s)	Measurement of Air Velocity (SAM-004-05)	0.10m/s to 0.30m/s
Carbon Monoxide (ppm)	Measurement of Carbon Monoxide (SAM-015-02)	9ppm
Carbon Dioxide (ppm)	Measurement of Carbon Dioxide (SAM-014-02)	700 Above Outdoor
Total Volatile Organic Compounds (ppb)	Measurement of TVOC (SAM-016-02)	3000 ppb
Respirable Suspended Particulate (µg/m3)	Measurement of Particulate (SAM-017-01)	50 µg/m3
Formaldehyde (ppm)	Measurement of Formaldehyde (SAM-006-05)	0.1 ppm
Total viable Bacterial Count (Cfu/m3)	Total Bacterial Count (SAM-002-05)	500Cfu/m3
Total viable Fungal Count (Cfu/m3)	Total Fungal Count (SAM-003-05)	500 Cfu/m3



Speciation Services



Need professional help?

If you are interested in having your indoor air tested or audited to monitor the Indoor Air Quality in your environment, contact us at:

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IDENTIFICATION OF MICROBIAL SPECIES

Our sampling technique and analytical methods as well as advances in human exposure determination, have allowed more precise identification of the source (s) of microbial amplification/reservoir sites, evaluation of the quality of indoor air assessment of potential hazards by identifying the types of resident microorganism in your environment.

At IAQ, we understand that successful resolution to building problems requires more than quality diagnostics and testing. Our support services assist customers in making informed decisions that reduce risks, improve occupant health, and protect financial assets.

From IAQ audit to remediation management and expert witness, IAQ is available to consult at any stage of your project needs.