

Duct Cleaning and Mold Remediation

Indoor Air Quality (IAQ) is of concern to all of us, since we spend a substantial amount of our time indoors, be it at the office, our home or other commercial buildings and establishments.

The first step to consider if you need to do a mold remediation or duct cleaning is to determine if the mold types (species) and levels or condition of your ducts are the source for a current or potential health problem.

It is important before embarking on such tasks to appoint a professional who can conduct an indoor environmental audit that includes a pragmatic series of diagnostic tests to determine the environmental status of your home or office.

What Does Mold Remediation and Duct Cleaning Entail?

Mold Remediation includes a the total environment surface cleaning, including fixtures and fitting i.e. drywall, wood, carpet, upholstery, building furnishings, etc., which may also include internal duct supply and return diffuser.

Based on the IAQ audit results determining the types of mold species residing in your environment and the levels of contamination will determine the remediation protocols.

It is important that the remediation service provider environmentally clean all the contaminated components so unclean sections will not cross contamination your environment.

It is highly recommended that porous surfaces which are highly contaminated should be discarded. Surfaces which can be decontaminated must use proper remediation protocols and as a added protection, a non leaching Anti-microbial chemicals can be applied to prevent or retard future growths. It is important that all chemicals used should be EPA registered for the specific application.

Duct cleaning entails cleaning the various cooling system components of forced air systems. These components include the supply and return air ducts and registers, grilles and diffusers, condensate drain pans (drip pans), fan motor and fan housing, variable area volume (VAV) boxes, fresh air ductwork, and the air handling unit plenum.

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Mold Remediation Duct Cleaning

A HEPA Air scrubber should be deployed to protect individuals from exposure to airborne dislodged contaminants during the cleaning process. A Laser Particulate Counter should be used to monitor the particulate level to ensure all airborne Contaminates are removed

In an office type building, remediation should be performed during off office hours to again minimize the disruption.

About IAQ Consultants Singapore

IAQ provides assessment and consultancy services in the fields of science and environmental through testing, inspection, remediation and application of technology with the aim of achieving a better indoor environmental quality for your environment.

- IAQ Audit in line with SS554:2009: Code for Indoor air Quality in Air Conditioned Buildings
- Building Sciences Evaluation
- Environmental Health Check
- IAQ Is a Accredited Environmental Microbiology Laboratory
- Mold Remediation Services
- HVAC System Remediation

Why IAQ?

IAQ has a vast experience of indoor environment testing, and providing customised solutions specific for the problems encountered. This has earned us a reputation for delivering Solutions for Healthier Environments – because IAQ always attacks the root cause of a problem, not just its symptoms.

We are a multi-disciplinary, environmental testing & consultancy provider. Our experience & knowledge of environmental solutions is rigorously reinforced by the application of local & international standards.

Ride on the IAQ Advantage

Our proven multi-disciplinary approach addresses all potential environmental and social-responsibility requirements, providing our clients with:

- Proven combination of local know-how and international experience
- Effective and cost-efficient solutions, which meet regulatory and corporate requirements
- Single source responsibility

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