

## Air Monitoring

### The Basics

As air is invisible there is a tendency to take the quality of the air we breathe for granted. Given that the average person has an air intake of about 3.4 litres of air every minute, the dangers of an inadequate or polluted air supply are only too obvious. This coupled with our rapidly changing environment, and the expectations of clients, building occupiers and legislators, have resulted in ever more stringent levels of ventilation system cleanliness being required.



### Our Service - (Air Hygiene Programme)

Our comprehensive air hygiene programme covers testing for ventilation air quality in compliance with TR/19 ensuring that reasonable yet not excessive levels of cleanliness are maintained, thus keeping costs to a minimum. By method of a vacuum test (V.T) or by deposit thickness test (D.T.T) for ventilation system surface conditions we can establish if a ventilation system requires regular monitoring or cleaning

Including within this service will be an air hygiene logbook to assist with the management control process covering the following items:-

- Details of Plant and areas served
- Categorization of system in terms of risk
- Indications of testing points
- Schedule of filter types per system
- Technical information on system
- Planned maintenance schedules
- D.T.T or V.T results
- Swab Analysis

### Benefits of Our Service

- Air monitoring can establish if a system requires cleaning, preventing any unnecessary expense
- Maintaining a healthy environment by reducing the main contributor to "sick building syndrome"
- All work we undertake is to the specification outlined in the HVCA (Heating & Ventilating Contractors Association) document TR/19

## Ductwork Cleaning

If cleaning is required, verification of cleanliness will be compiled within a log book and include the system cleaned, verification results (VT or DTT tests) pre and post photographic reports and recommendations for future testing and cleaning requirements

The cleaning methods we use are of the latest technology causing the minimum of disruption to building occupants working to the specification as outlined in the HVCA publication- Internal Cleanliness of Ventilation Systems TR/19

