



The Air Hygiene Specialists - Your Complete Solution

Ductwork Cleaning

Kitchen Extract Degreasing

Air Hygiene Risk Assessments

Biociding and Disinfection

Digital Camera and CCTV Surveys
of Ventilation Systems

Pre-Commission Cleans of New
Ductwork Systems

Duct Hygiene Monitoring

Builder's Deep Cleans

Analytical Services

Computer, Pharmaceutical
and Clean Room Services



Overclean The Early Days

Having been started in 1982 and incorporated in 1984, Overclean Ltd. began in a social climate that was coming to terms with the aftermath of Legionella outbreaks. Ductwork cleaning at the time was relatively unheard of; its importance rarely recognised. As a result, the industry was new and its technology fairly basic. It was in this milieu that Overclean Ltd. invented tools to carry out the work intended.

From these early beginnings, Overclean has been at the forefront of ductwork cleaning technology development. Over the course of the last quarter of a century, the technology changed, the techniques have been improved, but the hard work and approach to the task at hand remains the same.

The Company was the first in the country to be awarded ISO 9000 status, a status which it still holds with ISO 9001. It was also one of the first in Europe to work to recognised standards. This means that its quality assurance is not just a product of its continuing hard work but also verifiable by external recognition by the HVCA, BMTrada, NGA and external audits.



Courts



Corporate Headquarters



Council Premises

Email: enquiries@overclean.co.uk

Web: www.overclean.co.uk

The Company is not only a service provider - it is also a fountain of knowledge. Overclean offers its services on a national scale with offices in Honiton, Slough, Manchester and Livingston allowing us to give our customers the most "localised" service. All personnel are fully employed and trained at our own training centre. This ensures a complete and professional service is given to each and every client and project.

Overclean can provide free advice, surveys and expertise drawn from over 80 collective years in the industry.

With a flexible and experienced work force Overclean provides services of the highest standard and is available to suit the customer's requirements including weekends, holidays and off peak hours.



Hospitals



Libraries



Universities

DUCTWORK
CLEANING



PRE-COMMISSION CLEANS OF
NEW DUCTWORK SYSTEMS



KITCHEN EXTRACTS &
DEGREASING



DUCT HYGIENE
MONITORING



AIR HYGIENE RISK
ASSESSMENTS



BUILDERS DEEP CLEANS



BIOCIDING AND
DISINFECTION



ANALYTICAL CLEANS



DIGITAL CAMERA AND
CCTV SURVEYS OF
VENTILATION SYSTEMS



COMPUTER, PHARMACEUTICAL
& CLEAN ROOM SERVICES



Why Clean Ductwork? You Are What You Breathe



This question can be answered from two aspects, from a Health Perspective, and from a Legal perspective. Neither is more important than the other, but one is legally enforceable, the other is enforced by your state of health. There are many reasons why these should be carried out in order to conform to regulations. The requirements justify the purpose of our services.

THE HEALTH PERSPECTIVE

You must safeguard your health. From a health perspective, Overclean Ltd. believes that "YOU ARE WHAT YOU BREATHE". In biological terms, breathing accounts for the majority of the body's physical processes. Respiration is the process of getting oxygen into the body in order to convert food into energy.

Many people believe that respiration means simply to "breathe" and consists of the action of the lungs; but this would be a very basic explanation. Most processes within the body are facilitated with the use of oxygen. All tissues cannot survive without it. In fact, the red blood cells are specifically designed for the transport of oxygen around the body. On a microscopic level, within each cell, there are mitochondria which process external matter, including oxygen into energy.

In our modern age of consumerism; "you are what you eat" is one of our culture's "hot buzz phrases". However, in a similar way, is it not true that "you are what you breathe?".

Hence, as important (if not more; you can live for a week without food, but only a few minutes without air) as the food you eat is the air that you breathe.

So next time you're in your place of work, or walking up the stairs of your apartment block; take a look at the ventilation system supplying your environment – because your health and well being depends upon it.

A dirty or clogged ventilation system means that your body is not getting the good quality air it needs to keep you healthy. When the air you breathe is poor, your health could be jeopardised. So important is this matter, that regulations have been created to protect it.

The Legal Perspective

Due Diligence

Legal requirements can sometimes be costly. However, their purpose is to ensure and protect those issues discussed in the Health Perspective. This developed into what is now known as The Workplace Health, Safety & Welfare Regulations 1992. Section 5 states that "...devices and systems to which this regulation applies shall be maintained (including cleaned as appropriate) in an efficient working order and in good repair...Where appropriate...devices and systems....shall be subject to a suitable system of maintenance."

Section 6 specifically deals with the maintenance of ventilation, and regulates that "Effective and suitable provision shall be made to ensure that every enclosed workplace is ventilated by a sufficient quantity of fresh or purified air".

In order to safeguard the health and safety of individuals within the workplace, various regulations and directives exist. The Workplace (Health, Safety & Welfare) regulations 1992, 5 & 6 states that every confined space in which people spend their working time must be supplied with sufficient quantity of fresh or purified air. Where environments have mechanical forms of ventilations (such as ductwork) these same regulations say that it must be maintained. Failure to comply with the directives means a breach of regulations.

TR:19, the document which Overclean Ltd. had much influence in constructing, unifies all relevant regulations such as; ACOP (Approved Codes of Practice), Health & Safety Executive, Fire Precautions, Workplace regulations, et al into a single industry standard. It is the standard to which Overclean carries out all its work.



Guide To Services

Ductwork Cleaning



Traditionally, ventilation systems were cleaned for 3 main reasons:-

- 1) Companies concerned about staff health / Absenteeism / SBS
- 2) Fire Hazard
- 3) To maintain clean room environments.

Overclean's main business is ductwork cleaning. The term "ventilate" means to supply fresh air to a room; and this is exactly what ductwork does. Ductwork is the physical system which supplies air to your workplace. It is often the sole source of fresh air for you to breathe. This makes the

cleaning & maintaining of ductwork airways all the more important. The duty to comply with the new Health & Safety Regulations concerning ventilation system maintenance and Cleaning has been in force since January 1st 1996. So yours should have been cleaned at least twice since then if it is an old system.

Today, the importance of this has been supported by the regulations. It is now even more important to clean your ductwork, both for your health and also for legal purposes. Overclean takes this very seriously since your health could be at stake, so for health's sake we make it clean air.



Kitchen Extract Degreasing



There now will be a “responsible person” appointed to maintain a Fire Safety record, who must be able to prove that provisions for Fire Safety and Prevention have been met. This is the order as set out by the Fire Safety Order 2006. Traditionally, this incites “responsible persons” to install fire extinguishers, fire doors and escapes etc, and in most cases, the Kitchen extract system would rarely be considered as a potential source of fire.

In fact, the grease particles in a Kitchen extract system accumulate to produce a very real risk of fire. Not only that, the extract often penetrates deep within a building; which means the risk of fire spreading from the kitchen is that much greater.

Accumulated grease within an extract system forms a hidden combustion load. Under certain circumstances flame or very high temperature within the duct can ignite the grease causing fire to spread rapidly through the duct. Flame and heat within the duct can ignite surrounding materials at various points along the ductwork path and transfer fire in ways that are difficult to predict and control by designers, installers and ultimately fire fighters.

The need for specialist cleaning of extract systems will depend on the level of usage of the cooking equipment, types and quantity of cooking and other risk factors such as vulnerability of the system to ignition and of the building and its occupant/users to system fire, hygiene, vermin and mechanical hazards. Typical cleaning intervals are shown in the table below:



Behind Grease Filters in Canopy Before Cleaning



Behind Grease Filters in Canopy - After Cleaning

FREQUENCY OF CLEANING

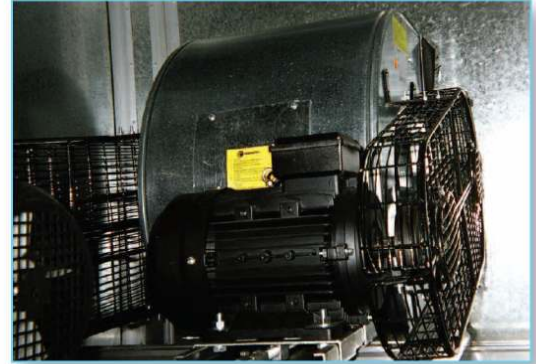
Heavy Use	(12-16 hours per day)	3 monthly
Moderate Use	(6-12 hours per day)	6 monthly
Light use	(2-6 hours per day)	12 monthly

Air Hygiene Risk Assessments



Hasman© is an acronym for "Health And Safety Management". This form of Data collection is a sophisticated database system designed to accurately and methodically record the status of the ductwork, as well as the costs into an electronic air hygiene log book.

Using this technology designed specifically for client's needs, we are able to record the main asset elements of the systems on your site and their status. We give a complete risk assessment of your system's present state using photography, as well as a budgetary analysis of the costs involved in remedying dirty or defective ductwork.



Computer, Pharmaceutical & Clean Room Services



Overclean offers this service for areas served by ventilation systems that require a high standard of cleanliness such as Hospital Operating Theatres and Computer Room.

Overclean's Clean Room service enables the client to achieve classification to the required standard in accordance with PD6607 2000 pt. 1 Environmental Cleanliness in Enclosed Spaces.

A meticulous programme is developed for the clinical clean of the area and as many particles are removed from the air as possible. The cleanliness is tested with a laser particle counting machine and an instant print-out and interpretation of the readings can be given to ascertain the classification of cleanliness obtained.

Once the required level of cleanliness has been achieved, the introduction of a regular monitoring programme will detect any decline in air quality. This is vital in areas where computers are in use or in the Operating Theatre.

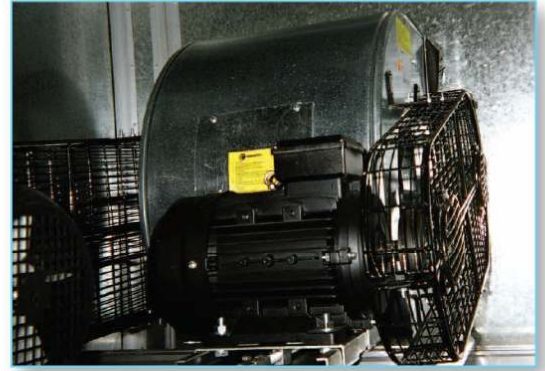


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Pre-Commission Cleans of New Ductwork Systems



New does not mean clean! Although your newly erected ventilation system left the factory spotlessly clean, bagged up and conforming to TR19, unfortunately in the intermediate time during erection, builders dust and other will get into the system and that may cause bacteria, fungal growth and dirt coming out of the grills when it is switched on.

You should ensure this is not the case, and that your new premises comply fully with the Health, Safety & Welfare regulations with our pre-commission cleaning service, validating and certifying your air system

Overclean can offer you this service to ensure this has not occurred and a Cleanliness Certificate will be issued to display in your building covering this place in your handover documentation

Duct Hygiene Monitoring



In order to protect their investment after having spent considerable effort planning and budgeting to achieve hygienic air systems our customers of long standing are increasingly asking us to provide them with maintenance / and disinfection and cleaning schedules covering all systems in their buildings. A table of menu options dependent on the different system requirements is given below:-

by checking, using a 'bespoke' monitoring programme, whether recleaning is actually necessary. LEV's of course have to be checked by law every 14 months minimum for adequate capture / airflow under EHUL

As can be seen, there are several types of system requiring different maintenance regimes according to their different contamination rates and usages. Hence, considerable financial sums may be saved

A full assessment of all systems can be provided, (without necessarily requiring the commencement of any cleaning on a well-run site) thus bringing the whole asset register up to the legal minimum compliance of section 5 of the Regulations. All details are compiled using our Hasman Risk Assessment technologies creating an Air Hygiene Logbook

	JAN 2008	JUNE 2008	JAN 2009	JUNE 2009	JAN 2010	JUNE 2010
SYSTEM 1 (SUPPLY)	CLEAN AND DISINFECT (C1)+(D1)	MONITOR (MICRO) (M1)	DISINFECT (D1)	MONITOR (NADCA) (M1)	DISINFECT (D1)	MONITOR (MICRO) (M1)
SYSTEM 2 (SUPPLY)	MONITOR (M+N) (MICRO+NADCA) (M1)	MONITOR & DISINFECT (M+N) MICRO+NADCA (M1)	MONITOR (M+N) (MICRO+NADCA) (M1)	MONITOR & DISINFECT (M+N) MICRO+NADCA (M1)	MONITOR (M+N) (MICRO+NADCA) (M1)	CLEAN AND DISINFECT (C1)+(D1)
SYSTEM 3 (EXTRACT)	MONITOR (NADCA) (M1)	MONITOR (NADCA) (M1)	MONITOR (NADCA) (M1)	MONITOR (NADCA) (M1)	MONITOR (NADCA) (M1)	CLEAN (C1)
SYSTEM 4A (RECIRCULATION ELEMENT)	MONITOR (NADCA) (M1)	CLEAN AND DISINFECT (C1)+(D1)	MONITOR (MICRO) (M1)	MONITOR (NADCA) (M1)	MONITOR (MICRO) (M1)	CLEAN AND DISINFECT (C1)+(D1)
SYSTEM 4B (SUPPLY ELEMENT)	MONITOR (MICRO) (M1)	DISINFECT (D1)	TOTAL CLEAN AND REMEDIAL WORKS (C1)	MONITOR (NADCA) (M1)	DISINFECT (D1)	PART CLEAN OF ONLY SOME PARTS OF SYSTEM (C1)
SYSTEM 5 (LEV)	NIL	AIR FLOWS AND SAMPLING (AS1)	NIL	AIR FLOWS AND SAMPLING (AS1)	NIL	AIR FLOWS AND SAMPLING (AS1)

Builder's Deep Cleans



Before handing over a new or refurbished building, the rubble, debris and dust from all the associated services working on site can be removed by Overclean in a specifically designed programme to a zoned plan of action.

Often working areas such as Kitchens, factories, workshops require to be periodically cleaned from floor to ceilings taking in roof structures, lights, shelving, cabinets, racks and immovable equipment. Overclean can undertake these works with the minimum of fuss and disruption



Analytical Services



There is a growing need for detailed knowledge of the internal status of ventilation systems. There are ever increasing requirements to assess the air-quality and duct-hygiene internally served by air movement equipment.

To this end we provide the following measurement services:

Risk Assessment Services

- Dust-loading of ductwork surface using HVCA V.1 techniques. (VT 1. Method statement).
- Deposit thickness test HVCA: V2.
- Microbiological assessment of ductwork surface using techniques. (1. Method statement).
- Swab-test for bacteria, yeast & fungi in accordance with TM26
- Content analysis to pinpoint the type and source of contamination.
- Agar settlement plates to determine airborne bacteria/yeast/moulds levels and strains in Operating Theatres & high isolation areas.
- Laser particle analysis of dust present in the air, measured against Government Standard to assess independently how well your building's ventilation systems + AC are working.
- CO2, CO, humidity, temperature, airflow and most other commissioning services are available on request
- CCTV and digital camera reporting services.
- Hasman © Risk Assessment programme to fully record the main asset elements of the system on your site. We give you a complete assessment of your system's state with a summary of costs of remedial work in the form of an Air Hygiene Log.
- A continuing programme of analytical research is carried out by Overclean in collaboration with leading test houses & laboratories.

Overclean's Investment in Training



The Overclean's ductwork cleaner's training programme, leads the way in providing competent cleaning technicians, who are fully conversant, before they enter field operations.

We are also active participants in the HVCA's training programme and we support the EVHA training.

Overclean was the first company in Europe to establish an in-house fully fitted training centre. All aspects of ventilation from the Air Handling Unit to the final supply diffusers are covered.

The training centre covers all known methods of ductwork cleaning and contributes to our own research and development programme on new techniques. We use the latest electronic rotary brush machines, air whip techniques, and many other methods of ductwork cleaning. It should be noted that Overclean developed these initial methods in the early 80's and spearheaded technical breakthroughs. Our continuing development programme takes us into the next millennium and ensures that Overclean stays at the top of the field.

Overclean realise that our Clients have to ensure that they engage a competent Company and may have to prove due diligence in the selection of that company.

Overclean consider that only fully trained operatives can enable us and therefore our clients to fully comply with the current regulations and approved codes of practice.

We believe only fully employed and trained personnel can achieve this. Overclean do not employ temporary or sub-contract labour at any time, nor do we use self-employed labour. We look after our staff in the manner of a family-owned company.






































































Overclean's Impressive Client List





As one of the longest established Companies huge in Europe in ductwork cleaning, Overclean has a well-respected list of satisfied clients.

Overclean has undertaken some of the most difficult cleaning operations in the UK and always to our client's satisfaction - one reason that Overclean is an approved supplier to Government Agencies.

List of Past Clients

Shell Fuels		HMP Blantyre House		Devon County	
BBC		HMP Longlartin		Council	
Manchester United		HMP Maidstone		Bristol City Council	
Football Club		HMP the Verne		South Somerset	
Manchester City		Imperial College London		Council	
Football Club		Blundell's School		Romec	
Greater Manchester		Millfield School		Longcross	
Police		Wellington School		Honeywell Controls	
Battersea Dogs Home		University of Exeter		Systems	
The Orange Group		University of		Nalco	
British Airways		Wolverhampton		Norland Building	
London Underground		University of Glamorgan		Services	
		University of		Haden Building	
The National Library		Westminster		Services	
of Wales		University of Plymouth		Alfred McAlpine	
The British Library		Sheffield Hallam		Building Services	
The National Gallery		University		Bovis Lend Lease	
The Natural History		University College		GlaxoSmithKline	
Museum		Lewisham		Crown House	
The Royal Veterinary		Keele University		Interserve	
College		University of Bristol		Indtherm	
		University of Bath		Senior Hargreaves	
Lewisham City Hospital				MITIE Engineering	
Royal Devon & Exeter		The Barbican,		Services	
Hospital		Canary Wharf		Emcor Facilities	
Tavistock Hospital		The Methodist Hall		Services	
Huddersfield Royal					
Infirmary		The International Maritime			
Great Ormond Street		Organisation			
Children's Hospital					
Nottingham City		Aldi			
Hospital		Tesco			
		Marks & Spencer			
HMP Portland		The Quadrant Shopping			
HMP Gloucester		Centre, Bournemouth			
HMP Rochester		Cribbs Causeway Shopping			
HMP Cookham Wood		Centre, Bristol			
HMP Dartmoor					

Logo Key

Ductwork Cleaning -	
Monitoring -	
Kitchen Ext -	
Biociding -	
Building Deep Clean -	
Risk Assessment -	

Meet the Overclean Team - The Air Hygiene Specialists

The technical expertise of Overclean Ltd. is probably its greatest asset. Not only have they been with the company for the majority of its life but they are also one of the most influential and respected in the duct hygiene industry. The company has strongly influenced the development of TR: 19, the industry standard for ductwork cleanliness in the UK, but also had a hand in founding and participation in the European Ventilation Hygiene Association (EVHA).

Ensuring high standards of both professional service and professional work is the aim of the team, who work beyond duty to ensure Overclean's customers are satisfied.



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