

Kitchen Grease Extraction Cleaning Guide



The UK's leading provider of
kitchen extraction and deep cleaning services

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Achieving fire safety in commercial kitchens

One of the most important ways of reducing kitchen fires is to prevent the build-up of combustible fat-contaminants within the non-combustible extract ductwork.

The Building Engineering Services Association (BESA) is a trade body and membership organisation that exists to help members and customers specify and deliver better building engineering services and a better built environment. BESA established a standardised kitchen extraction and duct cleaning system under TR19[®] to ensure that a defined, measurable level of cleanliness is attained to achieve safety and comfort in buildings.



By setting a clear, measurable benchmark for cleanliness, TR19[®] ensures that ventilation systems are not merely cleaned to the eye, but maintained to a level that significantly elevates the safety and comfort of indoor environments. This approach not only fosters healthier spaces but also instils a sense of trust and confidence among building occupants and owners alike. In essence, the guiding principle of TR19[®] champions a healthier, cleaner, and safer built environment for all, making it a pivotal standard in the building engineering services sector.

What is TR19[®] Grease?

Originally introduced in 2005, BESA published a new stand-alone document, "TR19[®] Grease – Fire Risk Management of Grease Accumulation within Kitchen Extraction Systems" as a specification document in its own right.

It has more detailed specifications and criteria that must be met by a service provider in order to provide a TR19[®] compliant kitchen ventilation and duct cleaning, to help reduce the growing number of commercial kitchen fires.

BESA said:

"Commercial kitchens have grown in number over recent years and fires within premises involving commercial kitchen extract systems as either a source or contributory factor to the fire has focused the attention of insurers, property owners and landlords to ensuring that kitchen extraction systems are correctly cleaned and maintained.

"With this in mind TR19[®] Grease - Fire Risk Management of Grease Accumulation within Kitchen Extraction Systems, has been produced as a specification document in its own right for the first time in 2019. The risk of fire from the build-up of grease deposits in kitchen extract systems and the expectations of building occupiers and legislators, has resulted in an ever more stringent level of ventilation system cleanliness being required."

A summary of the “TR19® Guide to Good Practice”

The TR19® Guide to Good Practice, developed by BESA, is the industry standard for maintaining the cleanliness of ventilation systems. It's useful to be able to see the key points at a glance – as follows:



1. **Comprehensive Coverage:**

- o Applies to all types of buildings and ventilation systems, including commercial, industrial, and residential.
- o Relevant for both new installations and the maintenance of existing systems.



2. **Design and Installation:**

- o Advocates for designs that facilitate easy access and cleaning.
- o Recommends materials and construction techniques that reduce dust and contaminant build-up.



3. **Inspection and Testing:**

- o Details the frequency and methods for system inspections and cleanliness testing.
- o Establishes criteria for determining acceptable cleanliness levels.



4. **Effective Cleaning Methods:**

- o Covers various cleaning techniques like mechanical brushing, air whips, and vacuuming.
- o Provides best practices to ensure thorough cleaning.



5. **Documentation and Reporting:**

- o Emphasises the importance of keeping detailed records and reports.
- o Includes templates for documenting inspections and cleaning activities.



6. **Health and Safety:**

- o Highlights necessary health and safety measures for cleaning personnel and building occupants.
- o Recommends appropriate personal protective equipment (PPE) and safe handling procedures.



7. **Compliance and Legal Standards:**

- o Aligns with UK health and safety laws, including the Health and Safety at Work Act and COSHH regulations.
- o Encourages adherence to prevent legal issues and ensure occupant safety.

The benefits of following TR19®:

- **Improved Air Quality:** You will maintain a high indoor air quality for the health and well-being of occupants.
- **Fire Hazard Reduction:** You will minimise the risk of fires caused by dust and grease build-up.
- **Regulatory Compliance:** TR19® will help you to meet your legal requirements, avoiding penalties and liabilities.
- **Cost Savings:** Regular maintenance extends the lifespan of ventilation equipment, saving on long-term costs.

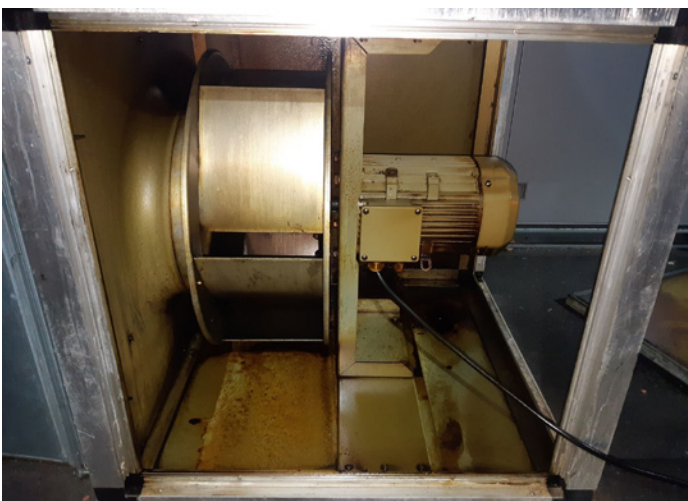
Adhering to the TR19® standards ensures efficient, safe, and legally compliant ventilation systems, promoting a healthier and safer environment for building occupants.



Before clean



After clean



Before clean



After clean

How we help

At Indepth Services, we offer comprehensive services to ensure your ventilation systems comply with TR19® standards. Our services include:



Design and Installation: We design systems that facilitate easy access and cleaning, using materials and construction techniques that minimize contaminant buildup.



Inspection and Testing: We conduct regular inspections and cleanliness testing to maintain optimal performance.



Effective Cleaning: Our team uses the best practices and advanced cleaning methods to ensure thorough maintenance.



Documentation and Reporting: We provide detailed records and reports for your compliance and peace of mind.



Health and Safety: We prioritize health and safety measures for both our team and your building occupants, using appropriate PPE and safe procedures.

Ensuring your ventilation system meets TR19® standards is not just about compliance; it's about creating a healthier and safer environment for everyone in your building. Let us help you to achieve this with our expert services.

Fire safety cleanliness certificate

We provide an insurance industry-approved fire safety cleanliness certificate and detailed post-clean report on completion of the work. As evidence of grease extract ductwork cleaning, this certificate can be shown to insurers and fire and rescue service inspectors.

If you'd like to learn more about how we can assist you in maintaining a safe, clean and legally compliant system, please reply to this email or call us on 020 8661 7888. We would be happy to discuss your specific needs and provide a bespoke solution that meets your unique requirements.

We look forward to the opportunity of working with you.



**Call Today on
020 8661 7888**