



## 1) EXTRACT DUCTWORK CLEANING

It is not possible to provide an absolute rule for the frequency of ductwork cleaning required because of the variation in hours of usage and level of contamination in the system. We recommend that a regular inspection is made and a risk assessment is made to determine the ongoing cleaning frequency (See Table 1 below). Further guidance is available in TR/19: Guide to Good Practice – Internal Cleanliness of Ventilation Systems published by the BESA ([www.thebesa.org.uk](http://www.thebesa.org.uk) ).

Key to determining the required frequency of cleaning is the grease wet film thickness test. TR 19 recommends that the system should be completely cleaned if when tested, the grease wet film thickness exceeds 200 µm (micrometre) on average or 500 µm in any particular place. When a professional kitchen ventilation system cleaning company is engaged, they will measure grease thickness before they start cleaning. If either the 200 µm or 500 µm recommended limits are exceeded then the frequency should be increased until grease thickness can always be maintained at below the limits.

Note – Any ponding of grease deposits is evidence that the thickness limits have been very far exceeded and cleaning is very urgently overdue.

## 2) GENERAL FREQUENCY OF CLEANING.

The cleaning frequency needed for specialist cleaning of extraction 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. The wet field thickness method described in section 6 provides accurate determination of required cleaning frequency. If this is not possible then the below general guidelines based on TR19 should be used.

Note – the classification of usage (light, med or heavy) should be based on cooking type just as much as cooking duration per day.

**NOTE – FAILURE TO MAINTAIN ANY PART OF THE SYSTEM IN LINE WITH TR19 GUIDANCE MAY VOID BWF WARRANTY**



**Table 1: Typical Cleaning Frequencies for Extraction System Components at Different Usage Levels**

<b>SYSTEM COMPONENT</b>	<b>LIGHT USAGE 2-6 Hours/day</b>	<b>MEDIUM USAGE 6-12 Hours / day</b>	<b>HEAVY USAGE 12-16 Hours / day</b>
<b>CANOPY</b> (clean accessible internal and external surfaces, check collection trays)	Every 2-3 weeks	Weekly	Twice weekly
<b>GREASE FILTERS</b> (clean)	Weekly	Twice Weekly	Daily
<b>ODOUR CONTROL SYSTEMS*</b> (check and replace as necessary) Carbon filters Pre-Filters ESP / UV units (specialist cleaning as per manufacturer's instructions attached where relevant)	12 monthly 4 monthly Minimum 12 monthly specialist clean	6 monthly 2 monthly 2 monthly recommended check and adjust frequency as necessary	3 monthly 2 monthly 2 monthly recommended check and adjust frequency as necessary
<b>FANS</b> (check and clean as necessary)	12 monthly	6 monthly	3 Monthly
<b>FRESH AIR FILTERS</b> (check and clean as necessary)	6 monthly	4 monthly	3 Monthly
<b>EXTRACT DUCTWORK</b> (check and clean as necessary)	12 monthly	6 monthly	3 Monthly

\* Refer to manufacturers' guidance for UV/ESP/Ozone Systems

\*B W Fabrications can procure replacement filters, offering a supply and installation, as well as a supply only service. Please contact B W fabrications on the details below.

Please refer to TR/19: Guide to Good Practice – Internal Cleanliness of Ventilation Systems (The BESA [www.hvca.org.uk](http://www.hvca.org.uk)) for more information.