

KITCHEN VENTILATION STATEMENT

Site address: Unit 2, Fairfield Way, Neath, SA11 3ES

Business Name: Neath Deli & Organic Grocers

To whom it may concern,

The below information details the extraction system for the Neath Deli shop in Neath. The kitchen on the mezzanine level will be producing ready-to-eat foods for takeaway sale at the deli; to include soups, sandwich fillings and curries.

A similar system has been installed at a large number of sites, with increased measures dependant on the DEFRA risk assessment for odour which is site specific.

The kitchen ventilation system will be in line with current legislation including DEFRA guidelines and BESA DW172. The typical system to be installed would be complete with the following:

- Stainless steel canopy with correct overhang for catering equipment specified.
- Canopy constructed using 304 grade stainless steel
- UV
- Fine filtration
- Carbon filtration with 0.1 second dwell time
- Extract fan with motor out of air stream
- Attenuators to achieve recommended noise levels

Initial filtration in the canopy will be baffle grease filters to protect the duct system and canopy. These filters are to be cleaned weekly by the kitchen staff.

The second filtration will be pleated panel fine filtration made with high quality fibre media removing over 50% of particulates at 1mm in size, double the next best alternative filter.

These filters will need to be changed every 6 weeks (or as required) by Partridge Ventilation Limited under a maintenance agreement/contract.

The third filtration will be activated carbon with a 0.1 sec dwell time. Activated carbon removes malodorous gases within the commercial kitchen extract through the chemical absorption process. These filters will need to be changed every 12 months (or as required) by Adapt Fabrications under a maintenance agreement/contract.

The typical system will also include a UV unit to produce ozone and hydroxyl free radicals to oxidise cooking odours through the process of ozonolysis. This system will need to be serviced annually by Adapt Fabrications under a maintenance agreement/contract.

Trusting the above is of assistance and if any further information is required, please contact me.

Many thanks,

Chris Cundill
Neath Deli

HVAC Contractors:

Adapt Fabrications, Neath
Celsius Design, Leamington Spa