



CK Direct

15 Tresham Road

Orton Southgate

Peterborough

PE2 6SG

Proposed Ventilation Services

The premises plan to install a new back of house kitchen which will require a kitchen extraction system designed in accordance with BESA DW172 2018

Edition and EMAQ Control of Odour and Noise from Commercial Kitchen Exhaust Systems.

The extract system will have a stainless-steel wall mounted extract canopy manufactured by CK Direct. The canopy shall be served by an extract and fresh air ventilation system with all plant, ductwork, odour control and noise control located on the flat roof area above the kitchen.

The canopy shall have a set of grease separators for the removal of the initial grease from the cooking process before it enters the duct system.

The extract air shall be pulled through the canopy to the duct system, for the removal of grease and odour will be installed a double carbon and pre filter unit.

The odour control has been specified on the EMAQ risk assessment scoring process.

Dispersion – Good - Score 5
Proximity of Receptors – Close - Score 10
Size of Kitchen -Small - Score 1
Cooking type – Very High - Score 10

Total Score 26 –High-level odour control required. Double carbon and pre filter required.

The extract duct shall terminate via high level high velocity Swedish cowl.

The fresh air duct shall enter the building via a bird beak located on the flat roof.