

ODOUR, NOISE AND VIBRATION STATEMENT

112A Camden Road, NW1 9EE

This document is provided in support of a planning application ref: 2021/15/6, to illustrate the proposal compliance with the Camden borough council policy; protecting neighbour from disturbance through odour, noise and vibration from the kitchen flue.

For Odour

The contractor will be require to supply and install kitchen flue to meet the requirement as follows:

1. Grease filters and pre-filters at the start of any extract process so that any odour control system downstream is more effective.
2. Fine filtration or Electrostatic precipitation (ESP) followed by carbon filtration (carbon filters rated with a 0.4-0.8 second residence time).
3. Fine filtration or ESP followed by a UV ozone system to achieve the same level of control as 1.
4. Fine filtration or ESP followed by wet scrubbing to achieve the same level of control as 1. Although this is unlikely in a food/takeaway type premises
5. With maintenance of the ventilation system and odour control system to ensure these performance levels are always achieved.

For noise/vibration

There should be no vibration transmitted through the structure to neighbouring properties, this will require the use of anti-vibration damping mountings.

Proposed double fan model

S & P 500 double fan model - TCBBx2 / TCBTx2 Series (See attached technical data sheet)

Externally install with double silencer.

Summary

It is our opinion the proposed equipment would meet the requirement and that odour, noise and vibration can be sufficiently mitigated.

Please let me know if you need further information