

Odour and Fume Extraction Statement

Premises: 24 Sherborne Street, Manchester M3 1FE

Use: Proposed Café (Class E) – Upper Floor

1.

Odour Risk Assessment

Following DEFRA's guidance on the control of odour and noise (Annex B), the proposal has been assessed as low to medium risk, based on:

- Small-scale café use (no high-fat frying, grilling, or heavy cooking).
 - Limited opening hours (8AM-8PM).
 - Low volume of food production focused on hot drinks, pastries, and light reheated meals.
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2.

Fume Extraction and Ventilation System

Equipment & Layout:

- A canopy extraction hood with integrated carbon and HEPA filters will be installed in the kitchen area.
- Air will be ducted internally through the riser to the roof, with discharge 1m above eaves level, in line with DEFRA recommendations.
- No side-wall or window-level flue terminations are proposed.

External Equipment Appearance:

- A vertical flue will be mounted at the rear/side of the building, extending above roofline.
- Finish: Matte black or grey powder-coated steel for minimal visual impact.

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Noise Control Measures

- The extraction system will include acoustic insulation on ducting and a silenced fan unit.
- Noise emissions from the equipment will be selected and acoustically treated to ensure:
 - Rating level is at least 5 dB(A) below background LA90 at the nearest residential façade.
- A full noise impact assessment will be required, referencing:
 - Measured background noise levels
 - Equipment noise levels (manufacturer's spec)
 - Acoustic attenuation methods

4.

Manufacturer's Specifications

- Technical data sheets from the extraction unit,
 - [CLICK HERE FOR DATA](#)
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5.

Cleaning & Maintenance Regime

To ensure system efficiency and odour control:

- Filter replacement: Monthly (or as per manufacturer's recommendation).
 - Duct inspection: Quarterly visual inspection with annual deep cleaning.
 - Service contract: With a qualified ventilation contractor for regular servicing.
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6.

Replacement Air

- The café will use a passive air intake system, with trickle vents to ensure sufficient replacement air volume.
 - Alternatively, a mechanical intake fan may be installed if pressure imbalances are detected during commissioning.
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