

Condition 4 – Fumes

1. 'We still need the maintenance strategy to include the cleaning / service and maintenance frequencies and requirements for the UVO unit and details of who is responsible for each of the maintenance and cleaning measures outlined in the strategy submitted. The information submitted in the flue maintenance plan document refers to the UVO system but doesn't confirm how frequently the lamps will be inspected, cleaned and replaced: **Maintenance document is within the document.**
2. Also, the diagram in the Flue Pipe Plan seems to show a cowl time terminal which wouldn't be suitable as this would not allow for fumes to discharge directly to air. **A rain resistant jet terminal will be required: Initially it was planned for a rain resistant jet terminal but the diagram showed the cowl time terminal.**
3. I have reviewed the diagram in relation to the flue terminal and the windows of the upper floor apartments, but it is still not clear if the terminal discharges above the window. Bearing in mind the close proximity it will need to discharge above the openable window and not next to or under it. We will need some form of confirmation of this.' - **The flue terminal discharge point will be above the window height. It will now be discharged at 4m from the gutter installed instead of 1.5M initially proposed. The 4M structure will be supported with extra fitting.**

Condition 5 – Plant

1. 'I have reviewed the response which confirms compliance with the recommended mitigation measures in the Lighthouse Acoustic assessment which we can accept. However, we still required a response or the report updating to address point 2 of our previous comments as repeated below: The plant data in section 7.1 includes the manufacturers data for the 1 x extract fan presented in 2 tables but there are 2 separate noise levels and both listed as extract fan. Is one of these octave band data tables for the intake rather than extract or should there just be 1 table? In which case please can this be clarified and revised.' - **This is correct – one table details noise from the exhaust side of the fan in the duct to atmosphere, the**

other table details noise breakout from the side of the fan casing.

Maintenance Plan for UVO Unit

Site Address: 595 CHEETHAM HILL, MANCHESTER, M8 5EJ

Installed By: KAA Canopy Cleaning & Insulation Ltd

Maintenance Contractor: KAA Canopy Cleaning & Insulation Ltd

1. Maintenance Objectives

- To ensure the UVO unit operates at peak efficiency.
 - Maintain compliance with environmental, health and safety regulations.
 - Prevent odour emissions and system faults.
 - Ensure longevity of the unit and associated ductwork.
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2. Access Arrangements

- The UVO unit is located at: at the rear wall of the kitchen.
 - Access is gained via a hatch and ladder.
 - All access points comply with current health and safety regulations.
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3. Maintenance Schedule

Task	Frequency	Description
Visual inspection	Monthly	To check for physical damage, leaks, or airflow blockages.
UV lamp operation check	Quarterly	Confirm lamps are functioning and replace failed lamps as needed.

Cleaning of quartz tubes	Every 6 months	Remove and clean all tubes with isopropyl alcohol or as per manufacturer.
Lamp replacement (full set)	Annually or 8000 hrs	Replace all lamps as recommended by the manufacturer.
Filter inspection (if applicable)	Every 3 months	Check pre-filters and particulate filters; clean or replace as needed.
Electrical connections	Annually	Inspect all wiring, terminals, and ballast units.
Airflow and pressure test	Annually	Confirm correct flow rates and system resistance.
Performance and odour test	Annually	Verify odour levels at discharge comply with local regulations.

4. Record Keeping

- All maintenance activities will be recorded in a Maintenance Log, including:
 - Date of inspection
 - Tasks performed
 - Parts replaced
 - Technician name and signature

- The log will be kept on-site and available for inspection by environmental health officers or local authority upon request.
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5. Replacement Parts

- Only manufacturer-approved parts i.e. UV lamps, quartz sleeve / tubes will be used.
 - A stock of essential parts will be kept on-site or made available within 48 hours by the service contractor.
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6. Emergency Procedure

- In case of system failure, the responsible person must be notified immediately.
 - Emergency call-out response time: within 24 hours.
 - The unit must be switched off if any safety risk is identified until repaired.
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7. Compliance

- This maintenance plan ensures compliance with:
 - DEFRA Guidance on the Control of Odour and Noise from Commercial Kitchen Exhaust Systems
 - Building Regulations
 - Manufacturer's installation and maintenance manual
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Prepared By: Piyush Apte / Manager

Date: 2nd October 2025