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Bonded Warehouse – Level 2 Kitchen Extract Information

The sections below are taken from EMAQ Control of Odour and Noise from Commercial Kitchen Exhaust Systems document – Appendix 2.

All information provided is confirmed as the final design.

General ventilation air into the kitchen will be provided by a separate mechanical supply and extract heat recovery system.

The proposed kitchen ventilation system is recirculation only and does not require a ducted connection to outside.

1. Information on premises

Level 2
Bonded Warehouse
18 Lower Byrom Street
Manchester
M3 4AP

2. Plan and drawings

The following drawings show the information required:

- MCE Drawing No. DS8961 – Preliminary kitchen extract layout drawing identifying the kitchen recirculation extract system location.
- Solutions Environmental Drawing SE4508/JH/M07 – General ventilation drawing identifying the external louvres for general kitchen supply and extract ventilation. No Louvres are required for dirty kitchen exhaust ventilation.

3. Pre-filters

- To be provided - Yes
- Manufacturer: Britannia
- G4 Pre Filters
- Aluminium Baffle Filters

4. Electrostatic precipitators

- N/A

5. Carbon Filters

- To be provided – Yes
- Manufacturer: Britannia
- Filter name – TBC by Kitchen Fit out Contractor
- No of Filters – TBC by Kitchen Fit out Contractor
- Dwell time – TBC by Kitchen Fit out Contractor

6. Odour counteractant – Not Provided

7. UV-C system – Not Provided

8. Odour counteractant – Not Provided

9. Cooker hood

Manufacturer: Britannia

Model: REGEN Recirculation Ventless Cooker Hood

System Description: Recirculation kitchen ventilation unit. No dirty kitchen exhaust vents are required to be ducted externally. Incorporates 4 Stage Grease filtration. Filters to be replaced on a regular basis, timescales dependant on amount of kitchen usage.

10. System Operation

- Extract rates – Unknown, Recirculation only unit. No exhaust connection required.

11. Flue Design – Not Applicable

12. Noise Breakout

Not Applicable to this project. Unit is internal only with no exhaust.

13. Maintenance

- Cleaning of washable filters – Regularly, <1 Week.
- Frequency of inspection and replacement – To be Confirmed. Initial inspection should be within 3 months; subsequent inspections/replacements could be extended to 6 months dependant on conditions of filters.
- Inspection and services of fans – 12 months