

SWAN

38 Stanway Road  
Whitefield  
MANCHESTER  
M45 8FX

**DEFRA Risk Assessment**

Project No:- C707

Project Name:- CLIMAT

Site Address:- ROOF TERRACE, BLACKFRIARS TOWER

Date:- Sept 2022

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| Impact Risk   | Odour Control Requirement     | Significance Score* |
|---------------|-------------------------------|---------------------|
| Low to Medium | Low level odour control       | Less than 20        |
| High          | High level odour control      | 20 to 35            |
| Very high     | Very high level odour control | more than 35        |

based on the sum of contributions from dispersion, proximity of receptors, size of kitchen and cooking type:

| Criteria                                | Score     | Score | Details                                                                 |
|-----------------------------------------|-----------|-------|-------------------------------------------------------------------------|
| Dispersion                              | Very poor | 20    | Low level discharge, discharge into courtyard or restriction on stack.  |
|                                         | Poor      | 15    | Not low level but below eaves, or discharge at below 10 m/s.            |
|                                         | Moderate  | 10    | Discharging 1m above eaves at 10-15 m/s.                                |
|                                         | Good      | 5     | Discharging 1m above ridge at 15 m/s.                                   |
| Proximity of receptors                  | Close     | 10    | Closest sensitive receptor less than 20m from kitchen discharge.        |
|                                         | Medium    | 5     | Closest sensitive receptor between 20 and 100m from kitchen discharge.  |
|                                         | Far       | 1     | Closest sensitive receptor more than 100m from kitchen discharge.       |
| Size of kitchen                         | Large     | 5     | More than 100 covers or large sized take away.                          |
|                                         | Medium    | 3     | Between 30 and 100 covers or medium sized take away.                    |
|                                         | Small     | 1     | Less than 30 covers or small take away.                                 |
| Cooking type (odour and grease loading) | Very high | 10    | Pub (high level of fried food), fried chicken, burgers or fish & chips. |
|                                         | High      | 7     | Kebab, Vietnamese, Thai or Indian.                                      |
|                                         | Medium    | 4     | Cantonese, Japanese or Chinese.                                         |
|                                         | Low       | 1     | Most pubs, Italian, French, Pizza or steakhouse.                        |