

15 Ash Street, Dundee. DD1 5AR VAT No 327 2180 76

Tel: 01382 221460

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## **Risk Assessment For Odour**

Odour control must be designed to prevent odour nuisance in a given situation. The following score methodology is suggested as a means of determining odour control requirements using a simple risk assessment approach.

| 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 odour control   | More than 35        |

<sup>\*</sup>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 20m 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            |
|                                  |              |       | takeaway.                                      |
|                                  | Medium       | 3     | Between 30 and 100 covers or medium            |
|                                  |              |       | sized takeaway.                                |
|                                  | Small        | 1     | Less than 30 covers or small takeaway.         |
| Cooking type (odour Very High 10 |              | 10    | Pub (high level of fried food), fried chicken, |
| and grease loading)              |              |       | burgers or fish and chips. Turkish, Middle     |
|                                  |              |       | Eastern or any premises cooking with solid     |
|                                  |              |       | fuel.  |
|                                  | High         | 7     | Vietnamese, Thai, Indian, Japanese, Chinese    |
|                                  |              |       | or Steakhouse.                                 |
|                                  | Medium       | 4     | Cantonese, Italian, French, Pizza (Gas Fired)  |
|                                  | Low          | 1     | Most Pubs( no fried food, mainly reheating     |
|                                  |              |       | and sandwiches) Tea Rooms.                     |



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## **Site Details**

| Contractor | R Y Thomson & Son |  |
|------------|-------------------|--|
| Site Name  | Seaview           |  |
| Site       | 38 Cunzie Street  |  |
| Address    | Anstruther        |  |
|            | KY10 3DF          |  |
| Evaluation | 28/03/24          |  |
| Date       |                   |  |

Below is an evaluation for the site based on the criteria on the previous page.

| Criteria        | Rating   | Score | Details  |
|-----------------|----------|-------|--|
| Dispersion      | Moderate | 10    | Discharge 1m above eaves at 10-15m/s velocity. |
| Proximity of    | Close    | 10    | Residential Building approx 4m distance.       |
| Receptors       |          |       |  |
| Size of Kitchen | Small    | 1     | Small Takeaway                                 |
| Cooking Type    | High     | 7     | Indian Takeaway                                |

| Impact Risk | Odour Control Requirement | Significance Score |
|-------------|---------------------------|--------------------|
| High        | High Level Odour          | 28                 |