Public Protection and Regulatory Services

Risk Assessment for Odour

The following 'Risk Assessment for Odour' has been derived from criteria outlined by DEFRA 2005, Guidance on the Control of Odour and Noise from Commercial Kitchen Exhaust Systems Appendix C, which was subsequently updated by EMAQ in 2018. 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/Medium	Low Level Odour Control	Less than 20
High	High Level Odour Control	20-35
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	**Rating**	**Score**	**Details**
Dispersion	Very Poor	20	Low level discharge, discharge into courtyard or restriction on stack
	Poor	25	Not low level but below eaves, or discharge at below 10 m/s
	Moderate	10	Discharging 1 m above eaves at 10-15m/s
	Good	5	Discharging 1m above ridge at 15m/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. Turkish, middle eastern or any premises cooking with solid fuel
	High	7	Vietnamese, Thai or Indian, Japanese, Chinese, Steakhouse
	Medium	4	Cantonese, Italian, French, Pizza (gas fired)
	Low	1	Most pubs (no fried food, reheating, sandwiches), Coffee shop.

Site Details

Your Name	Mousa Mohamad
Business Name	Eastern touch
Business Address	2-4 Station Approach, E Boldon, NE36 0AB

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

Criteria	**Rating**	**Score**	**Details/ Comments**
Dispersion	good	5	
Proximity of Receptors	close	10	
Size of Kitchen	medium,	3	
Cooking Type	high	7	

Impact Risk	**Odour Control Requirement**	**Significance Score**
High 25		

A full copy of the guidance from Defra can be found at [Withdrawn] Guidance on the control of odour and noise from commercial kitchen exhaust - GOV.UK (www.gov.uk)

EMAQ's updated guidance can be purchased from Control of Odour and Noise from Commercial Kitchen Exhaust Systems (ricardo.com)