

4.0 DEFRA Risk Assessment

A site survey was carried out in September 2022, and all items on the DEFRA risk assessment form were investigated and assessed.

Kitchen Extract

Dispersion will be high level, 1.0m above eaves, 10 - 15m/s scored **10**

Proximity of Receptors was assessed to be between 20m and 100m and receptors are both residential and commercial , it was subsequently scored **5**

Size of Kitchen falls into the large size of kitchen, over 100 covers, so scores **5**

Cooking type includes a high level of fried foods so scored **10**

Total Score is **30** which falls into the 'high level' of odour control, so it is proposed to install 2 x ESP4500 modules in a double pass configuration.