



Commercial Kitchens / Stainless Steel Wall Cladding / Ventilation / Gas Inter-Lock / Extraction Canopies

Cooking Profile and Extraction Design Statement

Address of premises: 12 Milton Road, Gravesend DA12 2RE

The proposed restaurant will serve traditional Nepalese cuisine, offering approximately 30 menu items. Cooking activities will include the preparation of curries, sauces, and spiced dishes using simmering, sautéing, and pan-cooking techniques, together with tandoori and fried dishes.

Kitchen Equipment:

The commercial kitchen will be equipped with the following primary cooking appliances:

- 1 No. commercial gas cooker range (6–9 burners)
- 1 No. commercial deep fat fryer
- 1 No. traditional tandoor oven

Operating Hours:

- Monday to Friday: 12:00 – 22:30
- Saturday: 12:00 – 22:30
- Sunday and Bank Holidays: 12:00 – 22:00

Extraction System Design Criteria:

The kitchen extraction and ventilation system has been designed to accommodate the cooking processes and equipment detailed above. Due to the inclusion of a commercial deep fat fryer and traditional tandoor oven, together with the preparation of spiced curries and other hot food items, the cooking operations have the potential to generate elevated levels of grease, smoke, and cooking odours.

Accordingly, the extraction system has been designed in accordance with the *EMAQ Guidance on the Control of Odour and Noise from Commercial Kitchen Exhaust Systems (DEFRA, 2018 Update)* and has been specified to manage a high to very high grease loading, very high odour potential, and high to very high smoke generation potential.

The extraction system incorporates appropriately sized canopy extraction, grease filtration, ductwork, fan selection, and odour control measures to effectively capture, contain, and discharge cooking emissions.

The design has been developed to ensure that cooking-related emissions are adequately controlled and that the installation satisfies the requirements of current planning and environmental health guidance.

Regards
Gabriele Cicconi
M&E Consulting Engineer
07751 545 245