



Client:

**Exclusive Hotels Collection
The South Lodge**

Products:

**Xtract 4200 Series
Electrostatic Precipitator**

Partners:

**Waterfield Odam & Associates
Southern Heating**



Project Profile



Odour Control at the Exclusive Hotels Collection

Plasma Clean worked with Waterfield Odam & Associates and Southern Heating to provide an odour control solution for the exclusive 5 star South Lodge Hotel in West Sussex.

A UV odour control system was originally considered, but extensive research proved that a Plasma Clean Xtract 4200 system would be the most effective and affordable solution.

The Hotel was undergoing a major refurbishment, and the award winning Camellia restaurant was central to the project. The position of the kitchen meant that the canopy exhaust was only 10 metres from one of the luxury guest rooms, so odour control was a key element in the system design.

The Plasma Clean Xtract is an ozone injection system, which means it does not add to the system back pressure, therefore eliminating the need for additional air handling capacity, resulting in an immediate 10% capital saving even before the system was installed. In addition, further savings on equipment costs and ongoing maintenance made this a winning solution over a UV-approach.

Located in the hotel plant room, the Xtract 4200 injects ozone directly into the kitchen canopies, maximising the dwell time for the ozone to take effect.

The low power system means that running costs are low and the long term maintenance costs are up to 80% lower than UV systems.

'With the Plasma Clean Xtract system installed, there are categorically no odours emitted from the kitchen extraction system'

**Rupert Spurgeon,
General Manager
South Lodge Hotel**

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Project Profile

Volume Flow Rate:
8.9 m³/s



The Plasma Clean Xtract 4200 systems in operation

"The decision to install a Plasma Clean Xtract system to combat kitchen odours at the South Lodge Hotel was an easy one for us to make. The original plan was to install a UV odour control system, which aside from significant installation costs came with a high price tag. We heard about the Plasma Clean Xtract System and it ticked all the boxes; effective long term odour control, low cost, simple to install, and the running and maintenance costs are minimal.

Kitchen odours were a major concern when the South Lodge refurbishment was taking place, but the Plasma Clean Xtract has eliminated any of our worries. With the Plasma Clean Xtract system installed, there are categorically no odours emitted from the kitchen extraction system, so our guests occupying the suites surrounding the restaurant can have an enjoyable stay with us.

I would strongly recommend the Plasma Clean Xtract system to any business who are concerned with odour pollution...these systems are by far the best on the market."

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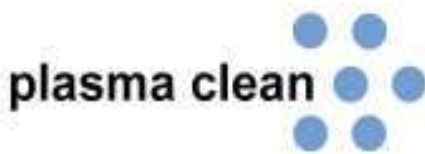
Rupert Spurgeon, General Manager, South Lodge Hotel

Project Profile

Client: The Langley Friery
Middleton, Manchester

Product: Xtract 2100 Series

Partner: Catering Complex



The newly refurbished Langley Friery is located in a shopping precinct with residential properties situated above. Prior to the refurbishment there were odour control issues in the area, with the Environmental Health Officer commenting on the strong cooking odours within the vicinity of the shop. It was therefore necessary for an adequate odour control provision to be installed as part of the shop refit.

The kitchen extraction point is at low level, taking odours away from the kebab and grill equipment. Two Plasma Clean Xtract 2100 units were installed to combat the problem and tests have confirmed that cooking smells have significantly reduced to a level where there is no nuisance to local residents.

The installation was quick and simple, and the size of the units enabled them to be fitted discretely into the false ceiling of the kitchen.

“The installation has been fantastic; the Plasma Clean system has helped improve air quality inside the kitchen and has significantly reduced the odours released from the extraction point. My clothes even smell much less, and that can only be down the Plasma Clean Xtract system. I am really impressed with the system and would definitely recommend it to any fast food take away. It is the most affordable and effective odour control solution I have ever come across.”

COS, Manager- Langley Friery

“I am really impressed with the Plasma Clean Xtract 2100, it is the most affordable and effective odour control solution I have ever come across”

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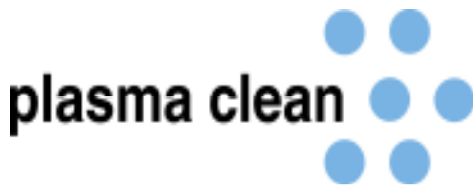


Project Profile

Client: Hydes Brewery
The Joshua Bradley

Product: Xtract 2100 Series

Partners: P&A Services
Combi Vent Engineering



Everyone's happy- Thanks to Plasma Clean

Plasma Clean have recently teamed up with Hydes Brewery and the Tameside Environmental Health Service, to ensure that local residents are not exposed to odours extracted from their new restaurant kitchen.

The family owned Pub Company, has recently unveiled its new flagship pub, The Joshua Bradley at Gee Cross near Hyde, Cheshire. The £3m project converted the imposing nineteenth century building from what was originally a private hall, and Plasma Clean became a key part of this project by installing a Plasma Clean Xtract odour control system.

As the pub is situated within a residential area, the Tameside Environmental Health Service were concerned about the local residents being exposed to odours extracted from the restaurant kitchen. In order for the pub to open and be fully functional, odour control measures had to be put in place to ensure that no strong smells were released into the atmosphere from the kitchen exhaust

As the volume flow rate was greater than 2m³/s, two Plasma Clean Xtract 2100 Units were supplied to cope with the demands of the Joshua Bradley Kitchens. The installation was approved by the Environmental Health Service, so the pub could begin trading to its full capacity. Since the opening, there have been no complaints or concerns from local residents in relation to unpleasant cooking odours.

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Project Profile

Client: Theatre Severn,
Shropshire

Product: Xtract 2100 Series

Partners: Willmott Dixon
G.S Group



"The Plasma Clean Xtract was the only system we found which was cost effective, maintained efficiency and could be easily installed"

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Theatre Severn in Shrewsbury opened its doors in March 2009, but only after Plasma Clean stepped in at the 11th hour, to ensure the theatre restaurant could be part of the grand opening. Due to the low level of the restaurant kitchen canopy extraction point, the Environmental Health insisted that an odour control system was put in place, to ensure an odour free discharge into the atmosphere.

It was recommended by the Environmental Health that Filter Bags would be ideal for this application, but research proved that these would be inefficient due to the high levels of maintenance that the system requires.

Plasma Clean were then approached, and a Plasma Clean Xtract 2100 system was proposed. The system was ideal for the job and was fitted quickly and simply to the existing duct work. The Environmental Health approved the system, ensuring that the restaurant opened with the rest of the theatre; subsequently there have been no issues with any unpleasant cooking odours being extracted from the restaurant kitchens.

"We contacted Plasma Clean for an odour control system for Theatre Severn. Faced with a low level extraction point and EHO intervention to ensure odour free discharge, the Plasma Clean Xtract was the only system we found that was cost effective, maintained efficiency and could be easily installed saving us time and money. We will be using Plasma Clean Xtract systems on our future projects".

HARRY DHANJAL, Operations Manager- Willmott Dixon