

# Odour Case Study

## Anaerobic Digestion

### Carbon Adsorber for Odour and Ammonia Removal



Environmental Integrated Solutions Ltd were selected to provide a total turnkey odour control solution for a new AD facility located in Hertfordshire. The system extracts 4 air changes an hour from the Reception Hall and Screening Hall. The highly odorous air containing high levels of Ammonia is first treated in a Carbon Adsorber specifically designed to remove Ammonia, before mixing with the extract from the Reception Hall. The combined flow is then treated in the larger Carbon Adsorber which removes the odorous VOC compounds.

Technical Data	
Air Volume ( $\text{Am}^3/\text{hr}$ )	50000
Inlet Odour ( $\text{Ou}_E/\text{Nm}^3$ )	20000
Outlet Odour ( $\text{Ou}_E/\text{Nm}^3$ )	<1500



## Environmental Integrated Solutions

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