

# Anaerobic Digestion Briefing

## Appendix E

### Safety and Monitoring



[www.ukwin.org.uk](http://www.ukwin.org.uk)

The digestate output from AD will need to accord with protocol PAS 110 which sets out how the standards for the fertiliser quality will be set if the fertiliser is not be considered as waste and come under the regulations for the disposal of waste.

The Environmental Permitting Regulations (England and Wales) 2007 set out the framework within which AD plants can be installed and operated.

These regulations call up related documents as appropriate including, for example, discharge limits for heavy metals.

An AD plant needs to be designed and maintained such that odours are confined within the plant and / or captured by appropriate filtration equipment. Waste entering the plant should only be offloaded in areas maintained at below external atmospheric pressure and buildings and entry arrangements must be designed accordingly.

See:

Environment Agency 'Anaerobic Digestion and Environmental Permitting'

[http://www.environment-agency.gov.uk/static/documents/Business/AD\\_and\\_Environmental\\_Permitting.pdf](http://www.environment-agency.gov.uk/static/documents/Business/AD_and_Environmental_Permitting.pdf)

and

Application Forms and guidance notes

<http://www.environment-agency.gov.uk/business/sectors/32318.aspx>