

CIWM/WAMITAB Continuing Competence

	On farm anaerobic digestion facilities including use of the resultant biogas	4MBTFAD6	including SR2010No15 SR2012No11 and SR2012 No12	VRQ Unit 6b: Biological Processing Within the Wastes and Resources Management Industry	WM1b – Manage the reception of hazardous waste WM2 - Manage the movement, sorting and storage of waste HSS3 – Monitor procedures to safely control work operations MSCE9 – Manage the environmental impact of your work WM4g - Manage site operations on a biological, anaerobic digestion treatment facility non-hazardous waste WM21c - Manage the transfer of outputs and disposal of residues from biological, anaerobic digestion treatment operations
Medium	On farm anaerobic digestion facilities including the use of the resultant biogas	4MBTFAD6	SR2010No16 SR2012No9 and SR2012No10	VRQ Unit 6b: Biological Processing Within the Wastes and Resources Management Industry	WM1b – Manage the reception of non-hazardous waste WM2 - Manage the movement, sorting and storage of waste HSS3 – Monitor procedures to safely control work operations MSCE9 – Manage the environmental impact of your work WM4g - Manage site operations on a biological, anaerobic digestion treatment facility non-hazardous waste WM21c - Manage the transfer of outputs and disposal of residues from biological, anaerobic digestion treatment operations
Medium	Storage of digestate from anaerobic digestion plants	4MBTSAD6	SR2010No17	VRQ Unit 6b: Biological Processing Within the Wastes and Resources Management Industry	WM1b – Manage the reception of non-hazardous waste WM2 - Manage the movement, sorting and storage of waste HSS3 – Monitor procedures to safely control work operations MSCE9 – Manage the environmental impact of your work MSCE8 – Manage Physical Resources WM21c - Manage the transfer of outputs and disposal of residues from biological, anaerobic digestion treatment operations

Anaerobic Digestion

Revision Summary

Version 1, January 2019

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Introduction

About WAMITAB

WAMITAB is an awarding organisation and charity that develops qualifications for those working in cleaning; street cleansing; facilities management; resource management and recycling and parking from operative through to management level.

Since it was formed in 1989, WAMITAB has evolved in line with the convergence between the sectors with a clear focus on promoting and supporting environmental sustainability. With over 120 qualification pathways and 70 quality assured centres, WAMITAB offers an unrivalled specialist network to support staff development.

What is Continuing Competence?

The CIWM/WAMITAB continuing competence scheme is designed to ensure that the technically competent person (holds a certificate of technical competence, units or a qualification that is part of the CIWM/WAMITAB Operator Competence Scheme) on a waste site has knowledge and skills that keep pace with changes made across the waste management industry, such as the introduction of new legislation, technologies and techniques.

The CIWM/WAMITAB continuing competence scheme requires technically competent people in England and Wales to pass an assessment that demonstrates individuals have kept their competence up to date.

Keeping competence up to date is becoming increasingly important across the UK as society starts to recognise the crucial role that waste and resource management industry professionals play in ensuring that the 434 million tonnes of waste generated every year can be treated, reused and recycled to produce a product that will contribute to further economic growth.

About this Revision Summary

WAMITAB recognise the diverse needs of learners within the sectors we represent. To support those individuals undertaking their Continuing Competence test, we have developed this revision summary.

This revision summary is designed to support you preparation by linking the learning outcomes with the areas that may come up during the Continuing Competence test.

4. Emissions Control and Abatement



Learning Outcomes

- 4.1 Know the requirements for monitoring and managing point source emissions to air.
- 4.2 Know when fugitive emissions to air are likely to occur.
- 4.3 Know the main methods of preventing fugitive emissions to air.
- 4.4 Know the factors that determine the degree of odour pollution.
- 4.5 Know the options for odour monitoring.
- 4.6 Know the methods used to prevent odour pollution and minimise its impact.
- 4.7 Know what information should be included in an odour management plan.
- 4.8 Know where there is a risk of bioaerosols release from the anaerobic digestion process and how to mitigate it.
- 4.9 Know the requirements for control of emissions to surface water, groundwater and the sewer relevant to an AD facility.
- 4.10 Know the control measures to suppress dust creation and dispersion.
- 4.11 Know control measures to minimise the emission of noise and vibration.
- 4.12 Know what information is required relating to noise and vibration.
- 4.13 Know what maintenance and checks should be undertaken to prevent emissions.



Where do I find this information?

- [Environment Agency \(2013\) How to comply with your environmental permit. Additional guidance for anaerobic digestion.](#)
- [Environment Agency \(2011\) H4: Odour Management](#)
- [Natural Resources Wales \(2014\) H4: Odour Management](#)

Notes



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