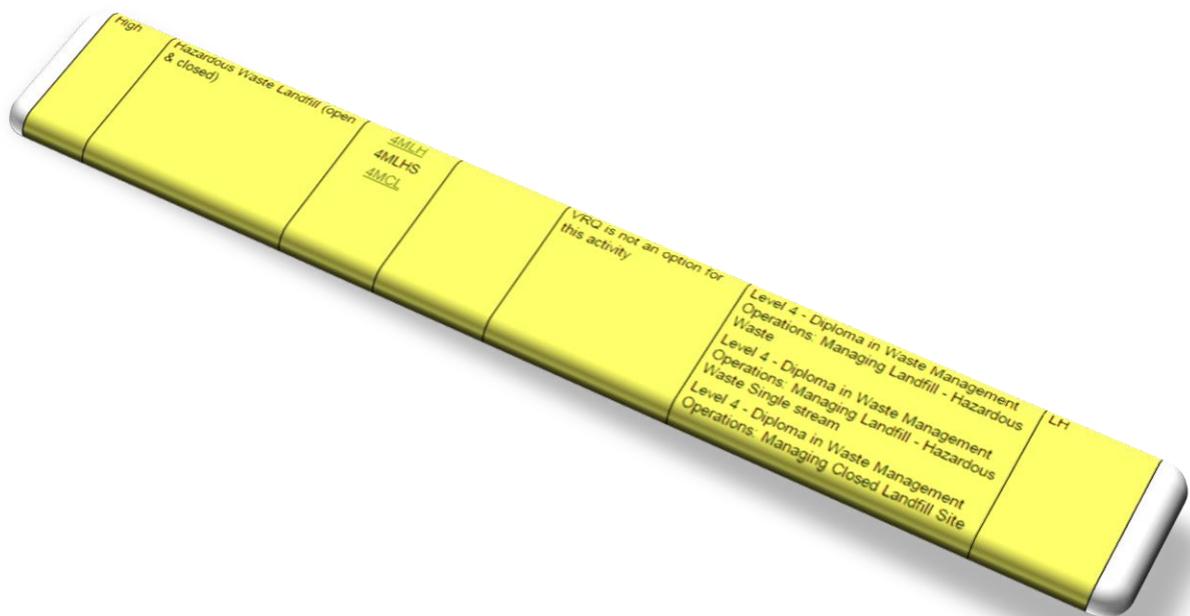


# CIWM/WAMITAB Continuing Competence



## Landfill Hazardous

### Revision Summary

Version 1, January 2019

Part of the CIWM/WAMITAB  
Operator Competence Scheme

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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.

# 1. Background



## Learning Outcomes

1.1 Know the legislation relevant to landfill:

- Design
- Construction
- Operation
- Closure
- Aftercare

1.2 Know what is included in a site specific written management system and the importance of maintaining it.

1.3 Know the principles of financial provision for landfill.

1.4 Know the timeframe and financial costs for the aftercare period according to guidance.

1.5 Know what is required of a Technically Competent Manager for hazardous landfills.



## Where do I find this information?

- [Environment Agency \(2009\) Landfill: How to comply with your environmental permit](#)
- [Natural Resources Wales \(2014\) Landfill: How to comply with your environmental permit](#)
- [Environment Agency \(2014\) Financial provision for landfill](#)
- [Natural Resources Wales \(2014\) Understanding the landfill directive](#)
- [Council Directive 1999/31/EC](#)
- [WAMITAB \(2018\) CIWM/WAMITAB Operator Competence Scheme](#)

## Notes

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### 3. Waste Acceptance



#### Learning Outcomes

- 3.1 Know how waste acceptance procedures and criteria apply to hazardous waste landfills.
- 3.2 Know which wastes are banned from landfill and when to reject wastes.
- 3.3 Know the requirements for disposal of asbestos.
- 3.4 Know the requirements for on site verification and sampling of waste received.
- 3.5 Know how to identify if a waste is hazardous or not.
- 3.6 Know the information required on a hazardous waste consignment note.
- 3.7 Know what paperwork is required for accepting hazardous waste to landfill.



#### Where do I find this information?

- [Environment Agency \(2010\) Waste acceptance at landfills](#)
- [Council Directive 1999/31/EC](#)
- [Environment Agency \(2011\) Consignment notes – rejected consignments and movements by pipelines, ships, cross-border movements and carrier schedules](#)
- [The Hazardous Waste \(Wales\) Regulations 2005](#)
- [Environment Agency \(2009\) Landfill: How to comply with your environmental permit](#)
- [Natural Resources Wales \(2014\) Landfill: How to comply with your environmental permit](#)
- [Natural Resources Wales \(2014\) Understanding the landfill directive](#)
- [Environment Agency \(2015\) Waste Classification – Technical Guidance WM3](#)
- [Environment Agency \(2018\) Hazardous waste: consignment note guidance](#)
- [The Hazardous Waste \(England and Wales\) Regulations 2005](#)

#### Notes

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## 7. Landfill Management Activities



### Learning Outcomes

7.1 Know how and where stability of the landfill may be a problem and what the recommendations for managing stability are.

7.2 Know how to manage vehicles on landfill sites, including articulated vehicles, in line with WISH/HSE guidance.

7.3 Know why it is important to cover waste with suitable materials.

7.4 Know the importance of understanding settlement within a landfill.

7.5 Know how settlement and compaction can impact:

- the restoration plan
- the gas/ leachate management

7.6 Know the requirements for establishing and maintaining a network of stable, permanent survey control stations.

7.7 Know the types of waste that might damage landfill liners and restoration layers.



### Where do I find this information?

- [Environment Agency \(2014\) Using geomembranes in landfill engineering](#)
- [Health and Safety \(2013\) Workplace transport safety](#)
- [Environment Agency \(2014\) Guidance on using landfill cover materials](#)
- [Environment Agency \(2009\) Landfill: How to comply with your environmental permit](#)
- [Natural Resources Wales \(2014\) Landfill: How to comply with your environmental permit](#)

### Notes

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# 11. Health and Safety



## Learning Outcomes

11.1 Know what Dangerous Substances or areas of explosive atmospheres may exist on a landfill site.

11.2 Know what should be identified within a Dangerous Substances and Explosive Atmospheres Regulations 2002 (DSEAR) risk assessment for a landfill site.

11.3 Know the operator responsibilities in relation to Area Classification and marking of zones.

11.4 Know how to control ignition sources in order to reduce fire risk on a landfill site.

11.5 Know what training and information is required for employees and contractors in relation to Dangerous Substances and Explosive Atmospheres Regulations 2002 (DSEAR).

11.6 Know the control measures for reducing the impact of whole body vibration as a result of driving vehicles on landfill sites.



## Where do I find this information?

- [HSE \(2019\) The Dangerous Substances and Explosive Atmospheres Regulations](#)
- [HSE \(2019\) Landfill fires – controlling the risk](#)
- [Environment Agency \(2014\) Guidance on the management of landfill gas](#)
- [ESA \(2007\) Waste Management Industry Landfill Operations Involving Potentially Explosive Atmospheres](#)
- [Health and Safety \(2019\) Landfill fires – controlling the risk](#)
- [ESA \(2005\) DSEAR Implementation for the waste management industry](#)
- [Health and Safety \(2019\) Landfill fires – controlling the risk](#)
- [Health and Safety Executive \(2016\) Controlling vibration risks](#)

## Notes

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