**Landfill Non-Hazardous**

**Content Changes 2016-2018 Revision Guide**

***All page numbers refer to the 2016-2018 Revision Guides with red covers.***

*Section 1: Financial Provision, page 16*

*NEW Learning Outcome 1.6: Know technical competence requirements for non-hazardous waste landfills.*

Waste operators need to outline in their written management system how that plan to demonstrate technical competence. This should include reference to which approved industry scheme they will use.

If landfill operators plan to comply with the CIWM/WAMITAB Operator Competence Scheme, they must remember that there is no 12 month grace period for new permit applications. Furthermore, when a landfill operator achieves their primary competence qualification, they must take the Continuing Competence test every two years to maintain their knowledge.

*NEW Learning Outcome 3.6: Know what paperwork is required for accepting non-hazardous waste to landfill.*

Non-hazardous waste loads must only be accepted on site if they are accompanied by a Waste Transfer Note or a written document with the same information. A Waste Transfer Note includes a description of the waste, the current holder of the wastes details and the person collecting the wastes details. Copies of the waste transfer notes should be kept for two years.

*NEW Learning Outcome 4.8: Know the procedure for dealing with deep and shallow fires.*

Operators can deal with a hot spot by switching off or turning down their systems for extracting gas from the landfill in case these systems are drawing air into the landfill and thereby feeding oxygen to the hot spot.

*Section 5: Levels, page 36*

On site leachate sampling, verification and compliance testing should take place to confirm:

* The description of the leachate.
* Consistency with pre-acceptance information.
* Compliance with permit.

*Section 7: Settlement and Compaction, page 50*

***Settlement:*** *the amount by which a landfill surface sinks below its original level, due to compaction by its own weight and degradation of waste. This can impact the profile of the final landform.*

*Section 9: Records, Submissions and Notifications, page 59*

* Operators are responsible for ensuring that hazardous waste produced or handled by businesses causes no harm or damage.
* Consignees returns must be send to the environmental regulator and waste producer or holder every quarter.

*Section 11: Ignition Sources, page 68*

One of the control measures that should be taken to reduce the risk of fire on a landfill site is that they should operate a permit to work system for hot work.

*Section 11: Training, page 69*

DSEAR requires information, training and instruction on emergency arrangements as well as the hazardous properties of all flammable liquids, vapours and dusts to be made available at the workplace for employees and non-employees.

*Section 11: Body Vibration, page 70*

Exposure to vibration should be reduced to as low a level as is reasonably practicable by:

* Introducing control measures (e.g. different tyres or suspended seats to minimise exposure) whenever an employee’s daily exposure to vibration is likely to exceed the exposure action value.
* Not exposing employees above the exposure limit value.

*Revised List of Sources*

|  |  |
| --- | --- |
| **Page** | **Source** |
| 14,15,16,19,22,23,29,37,41,42,43,44,50,51,63,66,68 | [Environment Agency (2009) Landfill: How to comply with your environmental permit](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/296861/geho0409bput-e-e.pdf) |
| 16 | [Environment Agency (2014) Financial provision for landfill](https://www.gov.uk/government/publications/financial-provision-for-landfill) |
| 16 | [Natural Resources Wales (2014) LFD1 Understanding the landfill directive](https://www.gov.uk/government/publications/financial-provision-for-landfill) |
| 16 | [WAMITAB (2018) CIWM/WAMITAB Operator Competence Scheme](https://wamitab.org.uk/wp-content/uploads/2018/09/CIWM-WAMITAB-Operator-Competence-Scheme-Version-9-Final.pdf)  |
| 19,47,52 | [Environment Agency (2014) Using Geomembranes in landfill engineering](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/321514/LFE5.pdf)  |
| 22 | [Environment Agency (2011) Treatment of waste for landfill](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/321200/Treatment_of_waste_for_landfill.pdf) |
| 23,24,25,26 | [Environment Agency (2010) Waste acceptance at landfills](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/296422/geho1110btew-e-e.pdf) |
| 26 | [GOV.UK (2019) Dispose of business or commercial waste](https://www.gov.uk/managing-your-waste-an-overview/waste-transfer-notes) |
| 29,31,32 | [Environment Agency (2014) Guidance on the management of landfill gas](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/321606/LFTGN03.pdf)  |
| 30 | [Environment Agency (2010) Guidance for monitoring trace components in landfill gas](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/321609/LFTGN04.pdf) |
| 32 | [Environmental Services Association (2012) Landfill gas](http://www.esauk.org/reports_press_releases/esa_reports/LandfillgasICoP2012web.pdf) |
| 32,42 | [Environment Agency (2007) Review and investigation of deep-seated fires within landfill sites](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291590/scho0307bmcp-e-e.pdf)  |
| 35,36,37 | [Environment Agency (2014) Guidance for the treatment of landfill leachate](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/322411/Guidance_for_the_Treatment_of_Landfill_Leachate_part_1.pdf)  |
| 36 | [Environment Agency (2011) Horizontal Guidance H1](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/496405/withdrawn_H1_Annex_J3.pdf) |
| 38 | [Environment Agency (2014) Hydrogeological risk assessment for landfill](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/321636/HRA_review_29_4_09.pdf) |
| 48 | [Health and Safety (2013) Workplace transport safety](http://www.hse.gov.uk/pubns/indg199.pdf) |
| 49 | [Environment Agency (2014) Guidance on using landfill cover materials](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/321537/LFE6_guidance_on_using_landfill_cover_materials.pdf) |
| 35,55,56 | [Environment Agency (2014) Guidance on monitoring landfill leachate, groundwater and surface water](https://www.gov.uk/government/publications/monitoring-of-landfill-leachate-groundwater-and-surface-water-lftgn-02)  |
| 59 | [Environment Agency (2013) How to comply with your environmental permit](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/496261/withdrawn_How_to_comply_-_LIT_7123.pdf) |
| 59 | [GOV.UK (2019) Hazardous waste](https://www.gov.uk/dispose-hazardous-waste/consignee-returns)  |
| 62 | [Environment Agency (2011) Understanding the landfill directive](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/296536/LIT_8286_f89fa7.pdf)  |
| 69 | [Health and Safety Executive (2019) The Dangerous Substances and Explosive Atmospheres Regulations](http://www.hse.gov.uk/fireandexplosion/dsear.htm)  |
| 68 | [Health and Safety (2019) Landfill fires – controlling the risk](http://www.hse.gov.uk/waste/landfillfires.htm) |
| 70 | [Health and Safety Executive (2016) Controlling vibration risks](http://www.hse.gov.uk/vibration/wbv/risks.htm)  |

***Please note:*** *this information was correct at the time of publishing. If you find these links are broken, type the document title into a search engine.*

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| **About this sheet***The Continuing Competence Free Update Sheet is designed to be used by purchasers of the Continuing Competence Revision Guides for the 2016-2018 period.* *It will highlight any changes in technical guidance and sources used as a basis for the Continuing Competence question bank to support the revision of users.* |

**Frequently Asked Questions (FAQs)**

*How much does the test cost?*

Each test costs **£139** irrespective of the number of Activity Specific Tests chosen (a maximum of three activity specific tests can be taken at one time).

*What form of personal identification can I use at the test centre?*

* A valid signed passport of any country with your photograph and signature.
* A valid signed UK photo card driving licence (full or provisional).
* If you have none of these, you may present a Citizen’s ID Card.

*How can I find out if I have passed the test?*

At the end of the test you will receive your score report which provides the scores for each component of the Generic Knowledge Test and the score for each Activity Specific Test you have taken.

There is an example on the back of your score report showing how to work out if you’ve passed. Alternatively, you can go to <https://wamitab.org.uk/competence/continuing-competence/test-score-calculator/> and type in your scores.