

Landfill Inert Waste

Learning Outcome	Assessment Criteria	Source
1. Understand the legislative and regulatory requirements for an inert landfill	1.1 Describe the legislative requirements, regulations, codes of practice and guidance applicable to an inert landfill in terms of: <ul style="list-style-type: none"> - Design - Construction - Operation - Closure - Aftercare 	https://www.legislation.gov.uk/nisr/2003/496/regulation/2/made https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/69347/pb13563-landfill-directive-100322.pdf Landfill operators: environmental permits - Landfills for inert waste - Guidance - GOV.UK Develop a management system: environmental permits - GOV.UK Landfill operators: environmental permits - Calculate your financial provision - Guidance - GOV.UK https://www.daera-ni.gov.uk/sites/default/files/publications/doe/waste-policy-financial-provision-waste-management-june-2016.pdf
	1.2 List what is included in a site-specific written management system	
	1.3 Explain why it is important to maintain a site-specific written management system	
	1.4 Describe the principles of financial provision for landfill (including when to take an assessment, the timeframe and financial costs associated with aftercare)	
	1.5 Explain the relationship between permit conditions and operating techniques	No test questions on this AC
2. Understand the requirements for site engineering at an inert landfill	2.1 List the elements of site construction that require regulatory approval	Landfill operators: environmental permits - Construction quality assurance (CQA) - Guidance - GOV.UK



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3. Understand the waste reception procedures for an inert landfill	3.1 Define inert waste in relation to landfill activities.	https://www.legislation.gov.uk/nisr/2003/496/regulation/2/made https://www.daera-ni.gov.uk/sites/default/files/publications/doe/duty-of-care-code-of-practice-june2016.pdf Dispose of waste to landfill - GOV.UK (www.gov.uk) Landfill operators: environmental permits - Accept the right waste - Guidance - GOV.UK (www.gov.uk) Landfill operators: environmental permits - Landfills for inert waste - Guidance - GOV.UK (www.gov.uk)
	3.2 List the types of waste banned from an inert landfill	
	3.3 Describe the legislative requirements, codes of practice and guidance applicable to the reception of inert waste at an inert landfill.	
	3.4 Describe the regulatory requirements and organisational procedures for dealing with unauthorised wastes.	
	3.5 Describe the waste inspection, identification procedures and handling requirements for the types of inert waste received on site.	
	3.6 Describe the uses, purposes and processing requirements for documents relating to the reception and validation of inert waste received on the site.	
	3.7 Describe the records required by legislation and by organisational procedures relating to the reception, inspection, and validation of inert wastes.	
4. Understand how to manage an inert landfill	4.1 Describe the procedures for managing vehicles on a landfill site	HSE – Inspection, Maintenance and Repair HSE – Safety Topics Machinery Monitoring of Landfill leachate, groundwater and surface water: LFTGN 02 Landfill operators: environmental permits - Monitor and report your performance - Guidance - GOV.UK (www.gov.uk) Landfill operators: environmental permits - Restore your landfill site - Guidance - GOV.UK (www.gov.uk)
	4.2 Describe the implications of 'settlement' and 'compaction' within a landfill and the impact on restoration	
	4.3 List the key indicators of surface water pollution from an inert landfill site	
	4.4 Explain how to manage surface water arising within the site	



	4.5 State the requirement for discharge controls	https://www.netregs.org.uk/environmental-topics/water/more-ways-to-prevent-water-pollution/discharges-to-water-and-sewer/ https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit#dust-mud-and-litter https://www.netregs.org.uk/environmental-topics/nuisances/noise-odour-and-other-nuisances/noise-and-vibration-nuisances/
	4.6 Describe the procedures for controlling: <ul style="list-style-type: none"> - Mud and other debris - Noise - Dust 	
5. Understand how to monitor an inert landfill	5.1 Describe the requirements for monitoring an inert landfill	https://www.netregs.org.uk/environmental-topics/waste/operating-your-landfill-site/designing-and-monitoring-landfills/ Landfill operators: environmental permits - Monitor and report your performance - Guidance - GOV.UK (www.gov.uk) Environment Agency – LFGTGN 02 Monitoring of landfill leachate, groundwater and surface water, pres 17 (publishing.service.gov.uk) https://www.gov.uk/guidance/landfill-operators-environmental-permits/landfills-for-inert-waste https://www.gov.uk/government/publications/landfill-epr-502-and-other-permanent-deposits-of-waste-how-to-surrender-your-environmental-permit/landfill-and-deposit-for-recovery-aftercare-and-permit-surrender https://www.gov.uk/government/publications/landfill-epr-502-and-other-permanent-deposits-of-waste-how-to-surrender-your-environmental-permit/landfill-and-deposit-for-recovery-aftercare-and-permit-surrender#Monitor_the_source
	5.2 Differentiate between monitoring for compliance and operational performance	
	5.3 State when landfill gas monitoring and assessment may be required for an inert landfill site	
6. Understand the procedure for closure and aftercare of an inert landfill	6.1 Explain why it is important to develop a restoration and aftercare scheme for an inert landfill.	Landfill and deposit for recovery: aftercare and permit surrender - GOV.UK (www.gov.uk) Landfill operators: environmental permits - Close your landfill site - Guidance - GOV.UK (www.gov.uk) Landfill operators: environmental permits - Guidance - GOV.UK (www.gov.uk) https://www.gov.uk/guidance/landfill-operators-environmental-permits/restore-your-landfill-site
	6.2 Describe the records required in relation to the closure and aftercare of landfill sites.	
	6.3 Describe the process of surrendering an environmental permit for an inert landfill.	



		https://www.daera-ni.gov.uk/articles/regulation-landfills-northern-ireland#toc-4
7. Understand the main causes of accidents in relation to inert landfill activities and how to prevent them	7.1 Identify the causes of accidents in relation to inert landfill activities	https://www.hse.gov.uk/waste/machinery.htm Landfill operators: environmental permits - Develop and maintain management plans - Guidance - GOV.UK (www.gov.uk) Landfill operators: environmental permits - Landfills for inert waste - Guidance - GOV.UK (www.gov.uk) https://www.hseni.gov.uk/articles/provision-and-use-work-equipment-regulations-northern-ireland-1999-puwer
	7.2 Identify the methods used to prevent accidents in relation to inert landfill activities	

