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## Overview

This standard is for those who responsible for supervising and implementing plans for the installation of land drainage systems.

If you are working with chemicals or machinery you should be trained and hold current certification where required in line with relevant legislation

You must carry out your work in a way which will minimise the impact on the natural environment and enhance its nature, conservation and recreational value.

## Performance criteria

- You must be able to:*
1. assess the risks associated with the site and the proposed land drainage installation
  2. confirm that suitable clothing and personal protective equipment (PPE) is worn
  3. inspect, assess and report on the site prior to installing land drainage systems
  4. confirm plans for the installation of land drainage systems are consistent with the purpose and function of the site and the specifications
  5. determine the resources required to implement the installation of land drainage systems
  6. confirm that the appropriate tools, equipment and machinery for the installation of land drainage systems are prepared and used safely and correctly
  7. check the working methods are established and clearly communicated to all those involved in the installation of land drainage systems
  8. minimise the risk to the public and operators
  9. implement planned operations for the installation of land drainage systems
  10. supervise and monitor planned operations to ensure they meet the specifications and agreed time schedule
  11. confirm that the disposal of waste and excess materials minimises environmental risk in accordance with relevant legal requirements
  12. confirm work is carried out in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and organisational policies

## Knowledge and understanding

*You need to know and understand:*

1. how to identify hazards and assess risks when supervising and implementing plans for the installation of land drainage systems
2. the type of clothing and personal protective equipment (PPE) suitable for the activity
3. how to select, prepare, use and maintain the required tools, equipment and machinery safely and correctly
4. the importance of inspecting, assessing and reporting on the condition of the site prior to installing land drainage systems
5. the importance of maintaining communication with those involved in, or affected by, your work and how this should be done
6. the principles and methods relating to the choice and operation of machinery for installing land drainage systems
7. the importance of drainage systems working correctly and efficiently
8. the principles of drainage design
9. the principles and calculations relating to drainage specifications
10. why it is important to keep working areas clean and tidy
11. how to handle, transport and dispose of waste in accordance with relevant legal and organisational requirements
12. why it is important to complete work to the agreed schedule
13. the records which need to be completed and retained and why
14. what risks to the public and operators may be present during the installation of land drainage systems and how to minimise them
15. the relevant legal requirements controlling the disposal of waste and excess materials
16. the importance of following relevant environmental and ecological best practice to help minimise the impact of your work on the environment
17. your responsibilities under relevant environmental and health and safety legislation, codes of practice and organisational policies

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## Glossary

Instructions – verbal or written

Specification – drawings, schedules, method statements, Standard Operating Procedures (SOPs), manufacturers' guidelines, organisational policies

LANH68

Supervise and implement plans for the installation of land drainage systems



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<b>Developed by</b>	Lantra
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<b>Date Approved</b>	31 Jan 2019
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<b>Validity</b>	Current
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<b>Status</b>	Original
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<b>Originating Organisation</b>	Lantra
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<b>Relevant Occupations</b>	Estate Worker, Gardener, Greenkeeper, Groundsman, Landscaper
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<b>Suite</b>	Environmental Conservation, Horticulture
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<b>Keywords</b>	drain; pipe; water
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