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**Overview**

This standard is about the maintenance of open drains to a given specification

This specification includes the route, profile, depth and grade of the drain together with the treatment of excavated material and the acceptable tolerances. The specification also includes the requirements of both the law and the employing/client organisation

Drainage systems may be pre-marked by others but in many cases you will be required to mark the drains yourself

This standard is for those maintaining an existing open drainage system

# LANTw6 - SQA Unit Code H2RH 04

## Maintain open drainage systems

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### Performance criteria

*You must be able to:*

- P1 assess the risk associated with the site and the proposed works
- P2 select and implement appropriate working methods in accordance with the assessed risks
- P3 maintain drains to the given specification
- P4 make effective use of the available resources
- P5 select, prepare and use tools and equipment that are appropriate to the work, safely and effectively
- P6 maintain the security of the machinery and equipment on site
- P7 maintain the health and safety of yourself and others at all times in accordance with current legislation
- P8 follow organisational and industry environmental good practice and minimise environmental damage

# LANTw6 - SQA Unit Code H2RH 04

## Maintain open drainage systems

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### Knowledge and understanding

*You need to know and understand:*

- K1 how to identify hazards and assess risks
- K2 how to interpret risk assessments
- K3 emergency planning and procedures relevant to the site
- K4 how to interpret plans and **specifications** for drainage system
- K5 how to clear drains and re-dig collapsed sections of drains
- K6 how to maintain drains in a range of soils
- K7 how to excavate material amongst standing trees
- K8 the techniques that can be used for minor debogging
- K9 how to recognise specified aspects of the site that should be preserved
- K10 the implications of terrain, soil texture and structure, season and weather
- K11 the implications of flow rate in drainage systems
- K12 how to follow organisational and industry environmental good practice and minimise environment damage
- K13 your responsibilities under current environmental, health and safety legislation and codes of practice

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<b>Scope/range</b> <b>related</b> <b>knowledge</b> <b>understanding</b>	<b>to</b> <b>and</b>	<b>Specification</b> covering:
		1 route
		2 profile
		3 depth
		4 grade
		5 flow rate
		6 treatment of excavated material
		7 tolerance of specification

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## Maintain open drainage systems

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**Developed by** Lantra

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**Validity** Current

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**Status** Original

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**Originating organisation** Lantra

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**Original URN** 029NTw2.2

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**Relevant occupations** Arboriculture and forestry; Coppicing; Gardener; Park ranger; General Farm Worker

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**Suite** Treework; Horticulture; Agricultural Crop Production

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**Key words** Drains; maintain; woodland; tree; debogging; site; soil;