

# LANH14 - SQA Unit Code H5A2 04

## Co-ordinate the provision of water for crops or plants



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### Overview

This standard is for those whose work role is to co-ordinate the provision of water to crops or plants outdoors or in protected conditions.

This standard covers the coordination of your own work load, it may in some instances involve coordinating the work of teams.

You will require considerable knowledge of the principles of plant growth and development and plant health.

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### Performance criteria

*You must be able to:*

- P1 assess the risks associated with the site and the required activity
- P2 ensure the working methods for the provision of water are established and clearly communicated
- P3 inspect plants and assess the need for the provision of water
- P4 check and confirm that the supply of water to the plants is in accordance with specifications
- P5 identify the need for adjustments to watering systems in accordance with specifications
- P6 ensure adjustments to watering systems are in accordance with the requirements of the plants
- P7 ensure equipment is used and maintained in a safe and effective condition
- P8 ensure appropriate records are completed as required by relevant legislation and the organisation
- P9 your responsibilities under current environmental and health and safety legislation, codes of practice and company policies

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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 why it is important to check the condition of plants in accordance with specifications
- K4 the stages of plant development
- K5 methods, systems and sources for supplying water to the crop
- K6 use of technology to manage watering systems
- K7 how to establish that the supply of water to the plants is suitable
- K8 requirements which the plants have for water
- K9 types of adjustments that can be made to the watering system
- K10 problems which may occur in the delivery of water to the plants and how these should be resolved
- K11 the correct use of equipment for supplying water
- K12 the routine maintenance requirements of watering systems
- K13 the main advantages and disadvantages of the different watering systems
- K14 the importance of maintaining effective communication with those involved in the work
- K15 appropriate records to be kept and their significance
- K16 your responsibilities under current environmental and health and safety legislation, codes of practice and company policies

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### Glossary

**Specifications:** drawings, schedules, method statements, Standard Operating Procedures (SOPs), manufacturers' guidelines.

**Instructions:** verbal or written.

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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** LANPH5

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**Relevant occupations** Nursery Worker; Fruit and Vegetable Production Worker; Horticultural Technician

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**Suite** Horticulture

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**Keywords** crops; plants; water