



Australian Government

AHCWAT201 Set up, operate and maintain water delivery systems for compost

Release: 1

AHCWAT201 Set up, operate and maintain water delivery systems for compost

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to set up, operate and maintain water delivery systems for composting.

It applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Water (WAT)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to set up a water delivery system	1.1 Confirm details of location 1.2 Select and use hoses, tools and equipment and components 1.3 Identify appropriate water sources on site 1.4 Identify workplace health and safety hazards associated with task 1.5 Select and use appropriate personal protective equipment 1.6 Measure and mark out water delivery lines 1.7 Set up water delivery system

Element	Performance criteria
2. Operate a water delivery system	2.1 Commence water delivery 2.2 Set water application rate 2.3 Check all pipes, hoses and all joints and confirm they are secure and leak free 2.4 Check and operate pumps
3. Check the efficiency of a water delivery system	3.1 Check the water application rate and distribution 3.2 Inspect water delivery system for operating faults and dry areas 3.3 Look for variations from required rate or settings, leaks, operating faults and dry areas at any stage in process 3.4 Carry out remedial action 3.5 Record the amount of water delivered to location

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCWAT201A Set up, operate and maintain water delivery systems for compost.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCWAT201 Set up, operate and maintain water delivery systems for compost

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- identify hazards and adopt safe work practices
- interpret site water management plan and site operating plan or map
- observe faults and variations from required settings
- operate pumps
- record water application data
- set out and operate watering systems

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices compost water delivery systems
- characteristics and operation of joints, hoses, valves and sprinkler components
- components of water delivery system
- methods and techniques of water delivery
- procedures for safe use of equipment, such as powered and hand tools, as used in water delivery system maintenance
- reporting and recording requirements
- standard industry risk-control measures to minimise risk associated with setting up and operating a water delivery system
- workplace health and safety and environmental legislation and enterprise requirements

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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