



Australian Government

AHCPER102 Support resource conservation practices

Release: 1

AHCPER102 Support resource conservation practices

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to support resource conservation practices in a permaculture system under supervision, including preparing materials, tools and equipment for resource conservation, undertaking resource conservation activities, storing and stockpiling materials, and cleaning up on completion of work.

This unit applies to individuals who work alongside a supervisor in most situations and exercise limited autonomy within established and well known parameters. They identify and seek help with simple problems.

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

Permaculture (PER)

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 materials, tools and equipment for resource conservation	1.1 Identify and check the required materials, tools and equipment and prepare according to lists provided and/or supervisor's instructions 1.2 Adopt work practices which maximise productivity and time efficiency and minimise waste and resource use 1.3 Follow instructions and directions provided by supervisor and seek clarification when necessary

Element	Performance criteria
2. Undertake resource conservation practices as directed	2.1 Gather information on resource conservation in a permaculture system 2.2 Carry out resource conservation work in a safe and environmentally appropriate manner 2.3 Observe workplace policy and procedures in relation to workplace practice, handling, re-use and disposal of materials 2.4 Report problems or difficulties in completing work to required standards or timelines
3. Store and stockpile materials	3.1 Store all usable and re-usable materials in a designated area 3.2 Prepare and process all usable and re-usable materials
4. Clean up on completion of resource conservation work	4.1 Clean, maintain and store tools and equipment 4.2 Maintain a clean and safe work site while completing resource conservation activities 4.3 Complete any reporting requirements at the end of the job

Foundation Skills

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

Range of Conditions

Unit Mapping Information

New unit - equivalent to QLD841RES02B.

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 AHCPER102 Support resource conservation practices

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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:

- cooperate with team members
- store and stockpile materials
- clean up on completion of work

Knowledge Evidence

The candidate must demonstrate knowledge of:

- permaculture principles and practices
- tools and equipment used
- principles of resource conservation including:
 - reduce, reuse, recycle, repair, repurpose, restore
 - minimal impact living
 - sustainable food production
 - energy efficiency
 - the following types of appropriate energy: solar and wind power
 - the following types of appropriate technology: composting toilets, grey water re-use
 - water catchment, storage and re-use
 - seed collection and seed banking
 - mulching and soil conservation
 - revegetation
- community and social interaction and support, such as:
 - resource banking
 - seed banking
 - co-operatives

- Local Energy Trading Systems (LETS)
- Skill-Share
- techniques used in resource conservation, such as:
 - stock piling resources
 - the following types of processing requirements for resources which cannot be stock-piled: composting, fermentation, drying
 - water storage and treatment
 - capture and storage of energy (heat capture in mass, basic turbine function)
- making connections between everyday living and sustainable use of resources

Assessment Conditions

Assessors must satisfy current standards for RTOs. Assessors must also hold a nationally accredited Certificate III (or higher) in Permaculture to assess this unit of competency and/or have completed a Permaculture Design Course (PDC) and/or have completed the Permaculture Demonstrator Skill Set.

Links

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