



Australian Government

AHCPER204 Check and operate permaculture water systems

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to check and operate permaculture water systems.

All work is carried out to comply with workplace procedures.

This unit 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

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 for working with permaculture water systems	1.1 Discuss work requirements with supervisor and seek clarification where necessary 1.2 Assess requirements for water and natural water flows 1.3 Conduct checks on tools and equipment to be used 1.4 Prepare materials required for water systems work
2. Set up water systems equipment	2.1 Handle water systems equipment 2.2 Position water systems equipment

Element	Performance criteria
	2.3 Check pumps, bores and other water delivery mechanisms and report any issues 2.4 Position and secure water control devices
3. Carry out water systems operations	3.1 Operate water systems as required 3.2 Check required head and water levels are achieved and maintained in active systems to ensure sufficient water flow 3.3 Monitor progress of water flow in passive systems 3.4 Carry out water system changes and record 3.5 Shift water system equipment
4. Clean and store water system equipment	4.1 Clean equipment and prepare for storage 4.2 Load equipment for transport 4.3 Store equipment

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 QLD842WAT04B.

Links

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