



Australian Government

AHCPER404 Plan and implement permaculture works

Release: 1

AHCPER404 Plan and implement permaculture works

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to plan and implement permaculture works through preliminary planning, scope of works, work health and safety policies and procedures, equipment and materials, works schedules, specifications and environmental impacts. Activities also include organising and directing works implementation.

All work is carried out to comply with workplace procedures.

This unit applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex 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 for permaculture works	1.1 Confirm and verify client preferences and contract requirements 1.2 Verify scope of works 1.3 Verify specific statutory obligations 1.4 Conduct a site visit to confirm details of permaculture works

Element	Performance criteria
	plan 1.5 Identify safety hazards and work health and safety obligations associated with the permaculture works 1.6 Verify the availability, quantity and costs of plants and other materials listed in the project schedules 1.7 Verify resources and tools and equipment required for permaculture works 1.8 Confirm availability with suppliers, contractors and appropriate personnel 1.9 Verify site access and establishment issues and follow plan for environmental impacts
2. Follow a permaculture works plan	2.1 Follow safety plan for permaculture works 2.2 List tools and materials required, including amounts and their sources 2.3 Follow the staged program of works to provide a sequential allocation of material resources and works tasks with specifications to meet determined project timelines 2.4 Determine the establishment period and maintenance period of works 2.5 Incorporate seasonal factors and impacts in the staging strategy to allow for planting supply and care, wet day access, machinery use, fire hazards and establishment period
3. Implement the permaculture works	3.1 Take delivery of materials and equipment 3.2 Assemble human resources on site and allocate team leaders 3.3 Undertake works briefing and safety briefing 3.4 Supervise permaculture works 3.5 Complete permaculture works according to the permaculture works plan

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 QLD124BUI04B

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 AHCPER404 Plan and implement permaculture works

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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:

- write reports for supervisors, clients and contractors
- assess a site for opportunities and constraints associated with implementation of permaculture works
- implement a staged permaculture works plan
- determine tools and equipment required
- calculate amounts of materials required

Knowledge Evidence

The candidate must demonstrate knowledge of:

- permaculture principles and practices
- permaculture works, such as
 - implementing permaculture designs
 - following a permaculture works plan as part of a permaculture project
 - constructing permaculture structures and features
 - implementing permaculture earthworks
- practical understanding of the environmental issues associated with undertaking permaculture works, such as:
 - use of materials that come from sustainable sources
 - duty of care in conserving site's natural values
 - work practices
 - the use and movement of machinery, storage of materials, removal of weeds and movement of soil and other materials into, across and beyond the site
- principles of ecology, including specific plant and animal relationships and habitat requirements

- statutory compliance and obligations, such as:
 - compliance with legislation, ordinances, regulations or bylaws relating to the works or the work site
 - Site responsibilities include OHS, industrial relations and equal opportunity and employment
- site evaluation techniques including methods of analysing soils, waterways and their condition
- practical understanding of the advantages and disadvantages of a range of permaculture procedures
- selection and use of appropriate combinations of machinery and tools
- work health and safety hazards associated with undertaking permaculture works and the controls necessary to remove or minimise risks associated with them
- contract documentation including specifications, plans of permaculture works, services, supplies and surveyors documents
- scope of works determination
- works' breakdown into tasks
- scheduling and time line generation
- task specifications and evaluation

Assessment Conditions

Assessors must satisfy current standards for RTOs. Assessors must also have a nationally accredited Certificate IV or Diploma of Permaculture. Completion of a Permaculture Design Course (PDC) or non-accredited Permaculture Diploma is not sufficient at this level.

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