



Australian Government

Assessment Requirements for AHCPER415 Plan and implement permaculture works

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 9.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has, on at least one occasion, planned and implemented permaculture works and has:

- confirmed and verified planned permaculture works and associated resources and constraints
- developed a staged implementation plan for permaculture works, which must include:
 - amounts and source of resources and materials
 - a schedule of resources, materials and work tasks
 - tools and equipment required
 - plans for establishment and maintenance phases
 - seasonal factors and their impact
 - planned contingencies
 - a documented works plan
- implemented a permaculture works plan, including:
 - communicated works activities and safety requirements to work teams
 - oversaw supply and delivery of resources
 - supervised works progress
 - implemented contingencies for discrepancies
- monitored environment impact and controls and resource usage and costs
- checked completed works against plan and confirmed and signed off works with client and stakeholders
- reported completion according to workplace procedures.
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Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- permaculture principles and practices
- permaculture works, including:
 - 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, including:
 - 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, including:
 - compliance with legislation, ordinances, regulations or bylaws relating to the works or the work site
 - site responsibilities, including work health and safety, 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 timeline generation
- task specifications and evaluation.
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Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated for a permaculture system design or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools, equipment, materials and resources for permaculture works
 - site safety equipment
- specifications:
 - workplace policies, procedures, processes
 - manufacturer operating instructions for equipment and machinery
 - budget
 - client brief and permaculture system design
 - specific legislation, regulations and codes of practice for work sites
 - environmental management plan
- relationships:
 - client and stakeholders
 - work team/contractors
- timeframes:
 - according to time specified in schedules.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>