



Australian Government

Assessment Requirements for AHCPER328 Establish organic garden and orchard systems

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, established an organic garden and orchard in a permaculture system, and has:

- acquired and interpreted permaculture system plans for a site
- inspected site for key features, verified against plans and rectified inconsistencies
- prepared a garden and orchard zone and sector plan for garden and orchard
- tested soil for garden and orchard locations and analysed results
- selected plants and plant types suitable for soil and permaculture system design
- developed garden and orchard planting plan and schedule of activities
- prepared garden and orchard site for planting
- acquired, prepared and planted the following:
 - fruit tree guild for an orchard system
 - annual garden bed
- recorded and reported garden and orchard planting activity
- complied with permaculture and organic systems standards.
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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 ethics
- permaculture site planning, including:
 - boundaries of sites drawn at an appropriate scale
 - direction of North (or sunward)
 - location of plants
 - information relevant to a permaculture garden and orchard systems

- drawing skills required for clarity and consistency
- graphic styles
- planting schedules and timelines, including Gantt charts
- zone and sector planning, including:
 - zones for garden and orchard systems (Zones 1 and 2)
 - sector information, including prevailing winds, fire aspect, winter and summer sun angles, best locations for sun-loving and shade-tolerant species
 - microclimate information
 - zone and sector plans drawn as overlays to a site plan
- garden and orchard systems, including:
 - an orchard with 5 to 10 or more assorted fruit trees or shrubs
 - integrated plant and animal systems
 - consideration of and design for plant ecosystem relationships
- soil structure, types and function, including soil tests
- soil maintenance and improvement techniques
- aims and purposes of building organic garden and orchard systems
- design principles for organic garden and orchard systems
- features and characteristics of plants used in organic garden and orchard systems
- preparation, planting and growing requirements for organic garden and orchard systems
- source of planting material, including biosecurity principles
- workplace health and safety policies and principles.
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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 on a permaculture system site or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools and equipment for establishing garden and orchard systems
 - personal protective equipment
 - drawing and planning equipment
- specifications:
 - permaculture system plans and specifications
 - workplace procedures and processes
 - plant materials for organic garden and orchard
 - specific codes of practice for organic growing
 - permaculture principles.

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>