



Australian Government

Assessment Requirements for AHCPER215 Assist with garden soil health and plant nutrition

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

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:

- undertake simple soil assessment tests
- add organic or allowable nutrients to improve soil
- Protect soil to maintain moisture and overall soil health

Knowledge Evidence

The candidate must demonstrate knowledge of:

- permaculture principles and practices related to soil health and plant nutrition, such as:
 - working with natural soils rather than importing soil
 - soil as an ecosystem
 - soil as biomass and carbon capture and storage
- principles of sustainable horticultural practices
- soil testing techniques, such as:
 - jar test for texture
 - ribbon test and ball test
 - pH testing
 - surface evaporation test
 - worm count
- basic plant nutrition
- allowable additives to improve soils, such as:
 - compost and worm castings
 - compost teas
 - rock dust

- gypsum
- green manures
- manures/animal bedding materials
- leaf mould
- plantings – green manures, nurse plants
- companion planting
- dynamic accumulators
- chop and drop
- nutrient trapping systems
- greywater use
- organically certified products
- methods of waste disposal causing minimal impact on the environment

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

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>