



Australian Government

Assessment Requirements for AHCPCM512 Design specialised landscape

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 6.0.

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 designed a specialised landscape on at least one occasion, and has:

- developed a design brief in consultation with client to establish design purpose and requirements
- identified plant species and cultivars using botanical nomenclature
- identified and selected plants appropriate to the design criteria
- used botanical nomenclature when selecting plants
- identified the implications of climate and environment on plant selection and design
- identified and designed with plants appropriate for use in controlled environments where required
- identified and recommended soils and plant nutrition requirements
- identified biological, organic and inorganic plant and plant pest management techniques to be used
- identified weeds and recommended appropriate weed management
- provided garden design solutions
- compiled the recommendations and documented and presented a design plan.

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:

- principles and practices of specialised landscape design, including:
 - aesthetic, ornamental, productive and economic plant groups
 - allied horticultural, environmental and conservation industries and movements
 - botanical geography, including plant families, geographic distribution and links
 - botany, including plant structures and physiology

- ethno-botany, including sustainability and the stories of plants
- horticultural media, information and knowledge-based resources
- how to determine suitability of plants for different environments, such as green buildings, rooftops, conservatories, glass houses and atriums
- irrigation and current progress in new irrigation techniques
- plant families and detailed knowledge of species and cultivars used in garden design, horticulture industry and other ornamental, productive and economic plant industries
- plant taxonomy and nomenclature
- principles and processes of plant culture
- the use and development of plants through history
- turf culture
- types, properties and characteristics of a wide range of soils and growing media.

Assessment Conditions

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

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - industry publications and internet sources of information on plant species, cultivars growing requirements, environmental conditions and functional characteristics
- relationships:
 - client
- timeframes:
 - according to job requirements.

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>