



Australian Government

Assessment Requirements for AHCDES401 Apply construction techniques to landscape design

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 7.0.

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 applied construction techniques to landscape designs on at least one occasion, and has:

- selected, in consultation with appropriate specialist representatives, appropriate construction methods for structures and features to suit site specific soil properties
- identified and modified natural drainage patterns
- determined appropriate drainage systems for the landscape design
- incorporated into a landscape design constructed elements and drainage that meet the aesthetic and physical requirements of the site
- assessed the need for supplementary water and suitability of available water on site to support landscape design
- identified and specified where required appropriate waterwise irrigation systems
- recognised limits of own expertise and sourced providers of technical services and specialist expertise when required.

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:

- landscape features and elements commonly used in landscape design projects
- specialist and technical services commonly involved in the construction of landscape design projects
- physical soil properties and their impact on constructed features
- natural drainage patterns and modification methods
- movement of water through soil
- purpose and application of drainage systems
- properties of construction materials commonly used in landscape design projects

- construction techniques commonly required for landscape design projects
- purpose and application of hydro zoning
- different methods of irrigation.

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:
 - design concepts, construction drawings, site plans and specifications
 - software and hardware to source and document information
- specifications:
 - construction material manufacturer specifications
- relationships:
 - technical and specialist representatives
- 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>