



Australian Government

**Assessment Requirements for AHCDES505
Prepare a 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 prepared a landscape design on at least one occasion and has:

- developed a design brief in consultation with client to establish design purpose and requirements
- consulted with clients
- interpreted architectural designs and details
- negotiated and established design budget
- assessed landscape sites
- applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures
- researched, interpreted and applied local council, legislative and regulatory requirements relevant to landscape design and construction
- designed scaled concept drawing and construction plans
- specified hard landscaping requirements
- used industry standard graphic techniques to illustrate landscape design components
- identified and selected plants for the landscape design
- identified dimensions and qualities of materials
- applied national construction code and Australian standards relevant to landscape design and construction
- determined survey levels, site grading and drainage requirements
- implemented professional landscape design practices
- assessed design against client budget
- operated Computer-Aided Design (CAD) software
- drafted plans by hand.

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 preparing a landscape project design, including:
 - interpreting client budget and design requirements
 - an understanding of own role and the use of specialist advice, including structural engineers and hydrologists
 - landscape construction and design costing and budgeting principles
 - landscape construction and engineering principles relevant to landscape design
 - hard landscaping requirements, including irrigation
 - national construction code and Australian standards relevant to landscape design and construction
 - drafting techniques for landscape plans and drawings
 - functional analysis techniques relevant to landscape design
 - scaled concept drawings, landscape plans and construction drawings
 - determining survey levels, site grading and drainage requirements
 - environmental implications of landscape project works
 - products and materials relevant to landscape design and construction
 - botany, plant physiology, taxonomy and nomenclature relevant to landscape design
 - how to identify and treat soils for application in landscape works
 - plant identification, selection and culture, and planting schedule
- workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to landscape design and construction
- local council, legislative and regulatory requirements relevant to landscape design and construction.

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:
 - client brief and budget
 - landscape site
 - site information and data applicable to sustainable landscape design and construction
 - computer hardware and CAD software
- specifications:
 - national construction code and Australian standards relevant to landscape design and construction

- local council, legislative and regulatory requirements applicable to landscape design and construction
- workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures applicable to landscape design and construction
- relationships:
 - clients
- 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>