



Australian Government

Assessment Requirements for AHCDES501 Design sustainable landscapes

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:

- assess a land area for sustainable use
- conduct soil and water quality tests
- design for the health and sustainability of soils and plants
- implement sustainable practices
- interpret specifications and plans
- outline an integrated approach to land and water management
- prepare a detailed plan or design, specifications and where appropriate a proposal or quotation for sustainable land improvement
- consult with clients
- protect water resources, riparian zones and vegetation in a development area
- research, interpret and apply appropriate legislation and regulations
- select plants and soils for their integrated functional roles
- use a range of graphic techniques for illustrating landscape design components

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of designing sustainable landscapes
 - assessment techniques
 - environmental controls and codes of practice applicable to the business and to the improvement works
 - botany, plant physiology, taxonomy and nomenclature
 - identification and selection of soils, growing media, plants, shrubs and trees
 - irrigation practices

- legislation and regulations relating to soil and water degradation issues and construction
- specific legislation and regulations for landscape design and development
- specific requirements for sustainability
- surface hydrology
- sustainable land and water use principles and practices applicable in the region
- types, properties and characteristics of a wide range of soils and growing media
- workplace health and safety legislation and regulations

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

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