



Australian Government

AHCDES503 Assess landscape sites

Release: 1

AHCDES503 Assess landscape sites

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to carry out a landscape site assessment and develop recommendations.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Design (DES)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Collect and collate initial information	1.1 Consult client and confirm objectives of assessment 1.2 Source and verify site plans and maps 1.3 Identify and acquire required resources 1.4 Prepare base plan of the site and relevant surrounds 1.5 Verify location, ownership and site boundaries 1.6 Identify and record current land use and environmental threats and problems

Element	Performance criteria
	1.7 Identify and record covenants that could affect the project, design or report 1.8 Determine climate and weather conditions from historical data
2. Undertake initial site visit	2.1 Meet site entry conditions and obtain approval if required 2.2 Identify site hazards and assess risks for current visit 2.3 Undertake site orientation 2.4 Identify and record existing on-site and adjacent site features that may impact upon the project, plan or report objectives 2.5 Identify, and measure and record or confirm site dimensions, levels and gradients
3. Compile a site inventory	3.1 Identify soil and growing media types, properties and relevant physical characteristics and record on-site inventory 3.2 Record the species, health, age and location of vegetation 3.3 Locate structural elements and confirm existing services and facilities 3.4 Record the presence, location and extent of other relevant site constraints 3.5 Sample areas of homogeneous soils and growing media to send for testing and analysis of soil content and contamination as requested by client or as required in the brief provided
4. Determine the impact of development for trees on site	4.1 Obtain the consulting arborist report to assess trees on site 4.2 Determine and record tree protection zones 4.3 Document the impact of proposed development on each tree 4.4 Identify trees that are exempt from approval requirements 4.5 Identify and locate on the site plan trees impacted by development, according to regulations applying in the local jurisdiction 4.6 Include trees identified by the consulting arborist report as requiring pruning or removal in a development application
5. Document a site assessment report	5.1 Interpret soil and growing media tests results and analyse for further testing requirements 5.2 Record specific recommendations of remedial action for site problems 5.3 Formulate recommendations for appropriate risk controls of site hazards 5.4 Store and maintain survey and assessment data 5.5 Document site information 5.6 Incorporate all relevant data into the assessment report in accordance with client needs and the requirements of relevant legislation and regulations

Element	Performance criteria
	5.7 Deliver a copy of the report to the client and advise the client of content and implications of the report

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCDES503A Assess landscape sites.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCDES503 Assess landscape sites

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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:

- collect and collate information on site features
- consult with and advise clients
- document assessment and recommendations in a site plan and assessment report
- identify vegetation and soils
- interpret and produce plans
- maintain assessment data records
- sample soils and growing media
- verify existing site details

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of assessing landscape sites
 - current land use and environmental threats to and problems with site
 - interpretation of results from assessment and testing
 - local, state and federal regulations
 - measurement and surveying techniques
 - plant nutrition
 - protocols of site access
 - soil and growing media types, structure, texture and soil pH
 - soil chemical and physical properties
 - soil field tests and soil sampling techniques
 - techniques to ameliorate soil properties
 - vegetation common within the region, using botanical and regionally accepted common names, age, health and conditions of vegetation

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

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