



**Australian Government**

# **AHCDES509 Assess landscape sites**

**Release: 1**

## AHCDES509 Assess landscape sites

### Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

### Application

This unit of competency describes the skills and knowledge required to collect and collate initial information, conduct a landscape site assessment and document a site report.

The unit applies to individuals who apply specialist skills and knowledge to assess landscape sites, take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information, and analyse, design and communicate solutions to sometimes complex problems.

All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.

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

### Pre-requisite Unit

Nil

### Unit Sector

Design (DES)

### Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Collect and collate initial information	1.1 Consult with client to confirm objectives of assessment 1.2 Source and verify site plans and maps 1.3 Identify and collect resources for site assessment

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>1.4 Prepare base plan of site and relevant surrounds</p> <p>1.5 Verify location, ownership and site boundaries</p> <p>1.6 Identify and record protected flora and fauna, current land use and environmental threats and problems</p> <p>1.7 Identify and record covenants, legislative and regulatory requirements that could affect the project, design or report</p> <p>1.8 Determine climate and weather conditions from historical data</p>
2. Undertake initial site visit	<p>2.1 Meet site entry conditions and obtain approval where required</p> <p>2.2 Identify hazards and risks associated with site visit according to workplace health and safety procedures</p> <p>2.3 Undertake site orientation</p> <p>2.4 Identify and record existing on-site and adjacent site features that may impact upon the project, plan or report objectives</p> <p>2.5 Identify, measure, and record or confirm site dimensions, levels and gradients</p>
3. Compile a site inventory	<p>3.1 Sample and identify soil types, properties and relevant physical characteristics and record on-site inventory</p> <p>3.2 Record and identify vegetation species, health, age and location, and impact on surrounding environment</p> <p>3.3 Geolocate or triangulate the position of structural elements and confirm existing services and facilities</p> <p>3.4 Record presence, location and extent of site constraints</p> <p>3.5 Record offsite elements including microclimates, trees, buildings and terrain that may affect project design</p>
4. Determine the impact of development for trees on site	<p>4.1 Obtain consulting arborist report to assess trees on site</p> <p>4.2 Determine and record tree protection zones and structural root zones</p> <p>4.3 Document impact of proposed development on each tree</p> <p>4.4 Identify trees exempt from approval requirements</p> <p>4.5 Identify and locate on site plan trees impacted by development, according to regulations applying in the local jurisdiction</p> <p>4.6 Include trees identified by consulting arborist report requiring pruning or removal in development application</p>

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
5. Document a site assessment report	5.1 Interpret soil test 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 according to workplace health and safety procedures 5.4 Document site information 5.5 Incorporate all relevant data into assessment report according to client brief and local, state and federal regulatory requirements 5.6 Document and present assessment report to the client

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.*

<b>Skill</b>	<b>Description</b>
Oral communication	<ul style="list-style-type: none"> <li>Initiate discussions with client, using clear language to discuss and confirm assessment objectives and present assessment report</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Survey and calculate locations of existing features using geolocation or triangulation</li> </ul>

## Unit Mapping Information

<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCDES509 Assess landscape sites	AHCDES503 Assess landscape sites	Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements	Equivalent

<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
		updated	

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>