



Australian Government

AHCSOL202 Assist with soil or growing media sampling and testing

Release: 2

AHCSOL202 Assist with soil or growing media sampling and testing

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to assist with the sampling and testing of soil or growing media sampling and testing.

This unit applies to individuals who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

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

Soils and media (SOL)

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 soil or media samples for testing	1.1 Discuss task requirements with supervisor and seek clarification where necessary 1.2 Prepare tools and materials for collecting samples 1.3 Take and prepare samples as instructed 1.4 Assist with labelling and recording samples if required
2. Perform basic tests on soil or media sample	2.1 Recognise basic features of a soil profile 2.2 Assist with testing or inspecting physical properties of samples

Element	Performance criteria
	2.3 Assist with testing chemical properties of samples 2.4 Relate soil test results to suitability of the soil or media for growing

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 AHCSOL201A Determine basic properties of soil and/or growing media.

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 AHCSOL202 Assist with soil or growing media sampling and testing

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:

- collect soil and media samples
- perform basic descriptive tests for soil texture, salinity and pH
- describe soils or media using commonly used descriptive terms
- assist with the use of simple soil testing equipment for testing pH and salinity
- prepare records of soil sampling results as required

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for recognising soils or growing media properties
 - basic soil or media field tests
 - soil or media chemical properties
 - soil or media physical properties
 - soil or media plant relationships
 - soil sampling techniques

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>