



Australian Government

AHCSOL203 Assist with soil or growing media sampling and testing

Release: 1

AHCSOL203 Assist with soil or growing media sampling and testing

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to assist with the sampling and testing of soil or growing media, including collecting soil or media samples, performing basic tests on soil or media samples, and completing sampling and testing activities.

The unit applies to individuals who assist with soil or growing media sampling and testing under general supervision with limited autonomy or accountability.

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

Pre-requisite Unit

Nil

Unit Sector

Soils and Media (SOL)

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 soil or media samples for testing	1.1 Confirm with supervisor soil or growing media to be sampled 1.2 Select soil or growing media sampling tools and materials 1.3 Follow environmental and biosecurity procedures when sampling and testing soil and growing media, to minimise impact 1.4 Select, fit and use personal protective equipment applicable to the

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	task 1.5 Take samples as instructed 1.6 Assist with labelling and recording samples as required
2. Perform basic tests on soil or media sample	2.1 Recognise basic features of soil or growing media 2.2 Assist with testing and inspecting physical properties of samples 2.3 Assist with testing chemical properties of samples 2.4 Relate soil or growing media test results to suitability for plant requirements
3. Complete sampling and testing activities	3.1 Remove and dispose of waste material 3.2 Clean and return tools and materials to required location 3.3 Identify and report unserviceable tools and materials according to workplace procedures 3.4 Record soil or growing media test results according to workplace procedures

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.

Skill	Description
Reading	<ul style="list-style-type: none">Interpret textual information from a range of sources to identify relevant and key information about soil and growing media sampling and testing
Writing	<ul style="list-style-type: none">Use clear language and accurate industry terminology to prepare and record soil and media test results
Oral communication	<ul style="list-style-type: none">Use clear language to confirm soil and media to be sampled and to report tool and materials unserviceability

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSOL203 Assist with soil or growing media sampling and testing	AHCSOL202 Assist with soil or growing media sampling and testing	Minor changes to application Element and performance criteria added Foundation skills added Assessment requirements updated	Not equivalent

Links

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