



Australian Government

Assessment Requirements for AHCSOL401 Sample soils and interpret results

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:

- collect soil and media samples using appropriate sampling methodology
- file and record analytic results for future use
- implement a nutrient and nutrition program
- prepare soil and media samples for dispatch to soil analysis laboratory
- receive and interpret analytic results

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of soils sampling
 - environmental implications associated with soil surveying activities and the application of analytical results
 - practical understanding of the range of sample collection, testing and analytical methods that may be used to perform soil surveys, and the association of surveying methods with site conditions, environmental implications and intended horticultural use of the surveyed site
 - soil ameliorants and soil improvement techniques for addressing site limitations identified through surveying
 - the capacity of soils to provide water to plants
 - the importance of organic matter in soil in relation to the intended horticultural use
 - the physical and chemical properties of soils in relation to their ability to support specified horticultural production

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>