



Australian Government

**Assessment Requirements for AHCSOL501
Monitor and manage soils for production
projects**

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:

- identify particular soil properties that are relevant to the workplace and research for further enquiry
- apply information from soil testing to production and/or management plan
- develop and conduct soil improvement programs
- document the soil management plan or production plan
- interpret soil analytical data for the purposes of developing management or production plans
- review and analyse ongoing soil monitoring programs

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for managing soils for production
 - basic soil field tests
 - interpreting laboratory results
 - plant nutrition through soil management
 - soil chemical properties
 - soil conservation strategies and sustainable production techniques
 - soil physical properties
 - soil sampling techniques
 - soil types
 - techniques to ameliorate soil properties

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>