



Australian Government

Assessment Requirements for AHCNSY301 Maintain nursery plants

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:

- prepare for nursery plant maintenance activities
- calculate daily water needs
- implement a range of plant maintenance activities
- monitor plant health
- operate irrigation systems
- recognise stages of plant growth
- record workplace information
- repair or replace user serviceable irrigation components

Knowledge Evidence

The candidate must demonstrate knowledge of:

- the principles and practices of nursery plant maintenance
 - botany and plant physiology as it applies to plant maintenance
 - characteristics of various types of potting media
 - common problems that occur with nursery plants and their treatment
 - effect of different pruning and intervention methods
 - effects of environmental parameters on plant growth
 - factors affecting the growth of nursery plants
 - methods of calculating daily water needs
 - optimum growing conditions for a range of plants in a nursery
 - principles and operations of a range of irrigation systems used in nurseries
 - processes for modifying environmental parameters
 - relationship between plant water needs and environmental parameters

- symptoms of unhealthy plants
- treatments required by plants at different stages and environmental parameters

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>