



Australian Government

Assessment Requirements for AHCPHT503 Manage a controlled growing environment

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:

- develop a management plan to cover staff training, budgets, operating procedures and remedial actions
- develop environmental monitoring procedures
- evaluate and document the achievements towards management objectives
- identify the growing requirements of the crop
- prepare specifications for controlled growing infrastructure

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for managing controlled growing environments
 - controlled environmental conditions in regard to crop plant physiology, growth stages, and product quality and quantity
 - legislation and regulations relating to the controlled environment systems
 - market requirements for crop quantity and quality
 - monitoring, analysis and recording systems
 - plant physiology and biochemistry
 - quality production methods and techniques for a range of controlled environment plants
 - staff training requirements
 - techniques and methods of implementing optimal growing conditions for a range of horticultural crops

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>