



Australian Government

Assessment Requirements for AHCPHT512 Manage a controlled growing environment

Release: 1

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Modification History

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

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has managed a controlled growing environment on at least one occasion, and has:

- researched, evaluated and recorded relevant information about production requirements, growing requirements of the crop, and controlled growing environment factors
- developed a controlled growing environment plan to cover staff training, budgets, operating procedures and remedial actions
- developed environmental monitoring procedures
- evaluated, documented and reported the achievements towards management objectives.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- principles and practices for managing controlled growing environments, including:
 - controlled environmental conditions for crop plant physiology, growth stages and product quality and quantity
 - legislation and regulations relevant to controlled growing 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

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - industry publications and internet sources of information relevant to the management of a controlled growing environment and development of a controlled growing environment plan
 - production plan
- specifications:
 - legislation and regulations relevant to controlled growing environment systems
- relationships:
 - management and staff
- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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