



**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>