



Australian Government

AHCPHT311 Install and maintain vertical hanging trellis

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 4.0.

Application

This unit of competency describes the skills and knowledge required to install and maintain vertical hanging trellis.

The unit applies to individuals who install and maintain vertical hanging trellis under broad direction and take responsibility for their own work.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Production Horticulture (PHT)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to install and maintain vertical hanging trellis	1.1 Clarify requirements of the installation and maintenance work with supervisor 1.2 Identify and select tools, equipment and material resource requirements according to scope of work and supervisor instructions 1.3 Recognise workplace hazards and report safety concerns 1.4 Identify environmental and biosecurity implications associated with installation and maintenance work, and minimise impact 1.5 Select, fit, use and maintain personal protective equipment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	applicable to the task and workplace safety requirements
2. Install vertical hanging trellis	2.1 Identify appropriate starting point for installation activities 2.2 Position equipment and materials at commencement and during installation activities to ensure they are ready for use 2.3 Identify appropriate suspension point for vertical hanging trellis 2.4 Attach vertical hanging trellis to suspension point 2.5 Attach base of plant to vertical hanging trellis using loose overhand knot or trellis clip
3. Maintain vertical hanging trellis and plants	3.1 Inspect trellis for signs of disrepair 3.2 Rectify and report disrepair according to workplace procedures 3.3 Evaluate plant growth and attach vertical hanging trellis to new plant growth using trellis clip or twisting method 3.4 Lower and lean plants where appropriate
4. Complete installation and maintenance activities	4.1 Remove and dispose of waste material according to workplace procedures 4.2 Clean and return tools and equipment to required location 4.3 Identify and report unserviceable tools and equipment according to workplace procedures 4.4 Record installation activities according to workplace procedures 4.5 Report installation and maintenance activities to supervisor

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interpret textual information from a range of sources to identify relevant and key information about workplace operations and products
Writing	Use clear language, accurate industry terminology and logical structure to prepare installation and maintenance activity records

Skill	Description
Oral communication	Use clear language to confirm and report installation and maintenance activities, and report safety concerns and tool and equipment unserviceability
Navigate the world of work	Recognise and follow workplace requirements, including safety requirements, associated with own role and area of responsibility
Get the work done	Take responsibility for routine decisions about installing and maintaining vertical hanging trellis, and reflect on outcomes to identify effectiveness of decisions

Range of Conditions

This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Vertical hanging trellis must include at least one of the following:	- plastic trellis - trellis twine or string - trellis netting.
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPHT311 Install and maintain vertical hanging trellis	Not applicable	New unit	No equivalent unit

Links

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

Assessment Requirements for AHCPTH311 Install and maintain vertical hanging trellis

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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 installed and maintained two different vertical hanging trellis on at least two occasions, and has:

- selected, positioned, used and maintained vertical hanging trellis tools equipment and materials
- applied workplace health and safety requirements
- minimised environmental impacts associated with installing and maintaining vertical hanging trellis
- followed industry and workplace biosecurity procedures
- evaluated vertical hanging trellis and plant growth maintenance requirements
- applied plant maintenance techniques, including:
 - clipping or twisting
 - lowering and leaning where appropriate
- removed and disposed of waste material
- recorded and reported installation and maintenance activities and unserviceable tools and equipment

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:

- vertical hanging trellis installation and maintenance tools and equipment and operating instructions
- workplace requirements applicable to health and safety in the workplace for installing and maintaining vertical hanging trellis
- environmental impacts associated with installing and maintaining vertical hanging trellis
- industry and workplace biosecurity procedures
- vertical hanging trellis and plant maintenance:

- purpose
- techniques
- tools, equipment and materials.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - vertical hanging trellis installation and maintenance tools, equipment and materials
 - personal protective equipment applicable to vertical hanging trellis installation and maintenance
- specifications:
 - vertical hanging trellis equipment operating instructions
 - workplace requirements applicable to health and safety in the workplace and installing and maintaining vertical hanging trellis
 - industry and workplace biosecurity procedures applicable to installing and maintaining vertical hanging trellis
- relationships:
 - supervisor
- 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.

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