



Australian Government

FBPVIT3005 Install and maintain vine trellis

Release: 1

FBPVIT3005 Install and maintain vine trellis

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to install and maintain vine trellising.

The unit applies to individuals who are required to follow workplace procedures in completing tasks associated with installing and maintaining a vine trellis and take responsibility for their own work using discretion and judgement in the selection and use of available resources.

All work must be carried out to comply with workplace procedures according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Viticulture (VIT)

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 for trellising activities	1.1 Confirm work instructions and identify potential health and safety hazards and controls according to workplace procedures 1.2 Select, fit and use personal protective equipment according to job requirements 1.3 Check existing trellises for signs of disrepair according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace procedures 1.4 Check, maintain and set equipment according to workplace procedures 1.5 Select materials for trellis installation or repair 1.6 Lay out posts and supports according to workplace procedures 1.7 Run out wire according to workplace procedures
2. Erect and maintain trellises	2.1 Operate trellis equipment according to workplace procedures 2.2 Erect trellis ends and posts and strain assemblies 2.3 Attach and tension foliage and trellis wires according to workplace procedures 2.4 Identify and address non-conformances 2.5 Carry out trellis maintenance and repair activities according to workplace procedures
3. Complete trellising activities	3.1 Shut down equipment according to workplace procedures 3.2 Clean and store equipment and materials according to workplace procedures 3.3 Collect and dispose of waste according to workplace and environmental procedures 3.4 Undertake work in accordance with workplace environmental guidelines 3.5 Record workplace information according to workplace procedures

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	Comprehend information from a variety of workplace documents
Writing	Complete workplace documents in required format

Skill	Description
Oral Communication	Communicate clearly to confirm vine trellis installation requirements
Numeracy	Calculate numerical information relating to estimating and measuring materials
Navigate the world of work	Apply workplace procedures and legislative responsibilities to own role
Interact with others	Use required communication mode to report operational information to relevant personnel
Get the work done	- Plan, sequence and implement tasks according to set routines and procedures - Problem solve issues as they arise

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPVIT3005 Install and maintain vine trellis	FDFWGG2016A Install and maintain vine trellis	Updated to meet Standards for Training Packages Minor changes to Performance Criteria for clarity Code changed to reflect AQF level and industry sector	Equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>

Assessment Requirements for FBPVIT3005 Install and maintain vine 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 safely and effectively installed and maintained a vine trellis at least twice and demonstrated the following:

- identifying health and safety hazards and controls in the workplace
- using and fitting personal protective equipment (PPE)
- carrying out trellis repairs according to workplace procedures
- laying out posts and supports according to workplace procedures
- cutting, securing, positioning and tensioning wires according to workplace procedures
- storing unused materials according to workplace procedures
- collecting and disposing of waste according to workplace procedures.

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:

- purpose, features and components of the trellis system:
 - trellis installation process
 - maintenance requirements of vineyard trellising and how to repair them
 - addressing non-conformances in trellis installation
 - selecting appropriate materials, including type and quantity
- health and safety hazards and controls in the workplace:
 - safe handling of materials and equipment
 - purpose and application of PPE
- how to repair a trellis, including:
 - positioning and depth of posts and strainers
 - positioning and number of wires

- tightness and grade of wire
- practices to lay out posts and supports, including:
 - spacing
 - type
 - numbers
 - positioning
- practices to run out wire including:
 - positioning
 - cutting correct length
 - erecting trellis ends and assemblies
 - securing of ends
- methods of attaching foliage and trellis wires including:
 - spacing
 - alignment
 - height
 - tension
 - fixing method
 - joining systems
- operation of trellising equipment:
 - checking equipment
 - using hand tools
- environmental issues, controls and reporting requirements
- cleaning and storage requirements and procedures for equipment and materials.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a grape growing workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE
 - trellising equipment, services and corresponding information
 - trellising materials
 - cleaning and storing procedures, materials and equipment
 - documentation and recording requirements and procedures
- specifications:
 - work procedures, including advice on company practices, safe work practices and environmental requirements
 - work instructions and schedules.

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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