



**Australian Government**

# **FBPVIT2018 Support mechanical harvesting operations**

**Release: 1**

# FBPVIT2018 Support mechanical harvesting operations

## 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 collect grapes from a mechanical harvester and deliver them to the receival point.

The unit applies to individuals who are required to follow workplace procedures in supporting operations for mechanical harvesting.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, and food 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

Prerequisite unit of competency for this unit is:

- AHCMOM202 Operate tractors

## 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 harvest support activities        | 1.1 Confirm job requirements<br>1.2 Confirm environmental guidelines and identify potential health and safety hazards and controls according to workplace procedures<br>1.3 Select and fit personal protective equipment relevant to the job |

| Elements                                         | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                   |
|                                                  | requirements<br>1.4 Check, maintain and set equipment to meet workplace procedures                                                                                                                                                                                                                                                                                                       |
| 2. Collect grapes from harvester                 | 2.1 Operate machinery and equipment safely with trailer or gondola attached alongside mechanical harvester<br>2.2 Monitor collection activities to confirm performance is maintained according to workplace procedures<br>2.3 Recognise and address non-conformances according to workplace procedures<br>2.4 Maintain equipment in good working order according to workplace procedures |
| 3. Transfer grapes to despatch location          | 3.1 Add treatments to grapes according to workplace procedures<br>3.2 Comply with relevant legislation and quarantine codes of practice<br>3.3 Deliver grapes to receival point to meet workplace procedures                                                                                                                                                                             |
| 4. Complete harvest support activities           | 4.1 Shut down equipment safely and according to operator instructions<br>4.2 Clean equipment according to workplace procedures<br>4.3 Collect, sort and dispose of waste generated by the process or cleaning procedures according to workplace practices<br>4.4 Record workplace information accurately in the appropriate format                                                       |

## 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                    | <ul style="list-style-type: none"> <li>Comprehend information from a variety of workplace documents</li> </ul>                                                        |
| Oral Communication         | <ul style="list-style-type: none"> <li>Converse clearly with workplace personnel to ensure safety of self and others when supporting harvesting operations</li> </ul> |
| Navigate the world of work | <ul style="list-style-type: none"> <li>Apply workplace procedures to own roles and responsibilities</li> </ul>                                                        |

| Skill             | Description                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------|
| Get the work done | <ul style="list-style-type: none"><li>Respond to routine problems by referring to workplace procedures</li></ul> |

## Unit Mapping Information

| Code and title current version                         | Code and title previous version                         | Comments                                                                                                                                                                               | Equivalence status |
|--------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FBPVIT2018<br>Support mechanical harvesting operations | FDFWGG2015A<br>Support mechanical harvesting operations | Updated to meet Standards for Training Packages<br><br>Code changed to reflect industry sector<br><br>Changes to Performance Criteria for clarity<br><br>One prerequisite unit removed | 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 FBPVIT2018 Support mechanical harvesting operations

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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 demonstrated the following on at least two separate occasions when supporting mechanical harvesting operations including:

- accessing workplace information to identify job requirements
- identifying health and safety hazards and controls in the workplace
- selecting, fitting and using personal protective equipment (PPE)
- checking and confirming readiness of equipment before operation
- starting and operating equipment according to instructions
- monitoring harvesting operation to achieve job requirements
- identify and address non-conformances
- treating and delivering grapes according to task requirements
- shutting down equipment according to workplace procedures
- cleaning and storing equipment according to workplace procedures
- sorting, collecting, treating and disposing of waste according to environmental and workplace procedures
- maintaining appropriate records.

## 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:

- key factors that will affect grape and wine quality, including:
  - temperature
  - oxidation
  - material other than grapes collected
  - speed of processing
  - treatment requirement

- health and safety hazards and controls in the workplace
- how to select, fit and use appropriate PPE
- procedures for identifying and addressing environmental issues
- procedures for carrying out pre-operational checks of equipment
- procedures for selecting, attaching, setting up and operating harvesters and tractor trailers used in the workplace
- procedures for collecting grapes to avoid damage to grapes, equipment, vines, trellises or fences
- procedures for shutting down, cleaning and maintaining equipment
- common problems during grape collection activities and methods for avoiding addressing and reporting them, including:
  - equipment breakages or malfunction
  - vine or trellis damage
  - grape quality and quantity
  - matter other than grapes collected
  - load weight
  - treatment application to fruit loads
  - collection accuracy of grapes
  - tipping accuracy of grapes at receival point
  - congestion or backlog at receival point
- recording requirements and procedures
- legislation and quarantine codes of practice related to vineyard products.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - a vineyard workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - appropriate PPE
  - equipment with attached gondola or trailer
  - products and materials to be collected and delivered
  - cleaning procedures, materials and equipment
  - system for recording requirements and procedures
- specifications:
  - work procedures, including advice on company practices, safe work practices and environmental requirements
  - legislative and local quarantine regulations and codes of practice.

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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