Modification history

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| Release | Comments |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0. |

| AHCPHT2015 | Support mechanical harvesting operations |
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| 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 work under general supervision, with limited autonomy and accountability for their own work.No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and food safety regulations, legislation and standards that apply to the workplace. |
| Prerequisite Unit | Nil |
| Unit Sector | Production horticulture (PHT) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare for harvest support activities | 1.1 Confirm work instructions and identify potential work health and safety (WHS) hazards and controls in accordance with workplace procedures1.2 Select and use personal protective clothing and equipment relevant to the job role1.3 Set up equipment to confirm readiness for use in accordance with operator instructions1.4 Check that equipment supports harvest requirements according to work health and safety practices |
| 2. Collect grapes from harvester | 2.1 Drive tractor safely with trailer or gondola attached alongside mechanical harvester2.2 Monitor collection activities to confirm performance is maintained within specification2.3 Recognise, rectify and report problems and out-of-specification performance according to workplace procedures2.4 Maintain equipment in good working order according to operators instructions |
| 3. Transfer grapes to despatch location | 3.1 Add treatments to grapes according to workplace processes3.2 Deliver grapes to receival point to meet workplace schedules |
| 4. Complete harvest support activities | 4.1 Shut down equipment safely and according to operator instructions4.2 Clean equipment according to workplace procedures4.3 Collect, sort and dispose of waste generated by the process or cleaning procedures according to workplace practices4.4 Undertake work in accordance with workplace environmental guidelines4.5 Record workplace information accurately in the appropriate format |

| Foundation SkillsThis 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. |
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| Skill | Description |
| Reading | * Interpret textual information from a variety of workplace documents accurately
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| Oral Communication | * Converse clearly using industry-specific language
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| Navigate the world of work | * Follow clear instructions within defined level of responsibility
* Recognise own work performance and seek assistance where required
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| Get the work done | * Recognise and act on opportunities for continuous improvement in accordance with workplace practices
* Respond to routine problems using step-by-step instructions and procedures
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| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPHT2015 Support mechanical harvesting operations | FDFWGG2015A Support mechanical harvesting operations | Updated to meet Standards for Training PackagesCode changed to reflect changed training packageChanges to performance criteria to better define performanceRemoval of prerequisites as no longer required by industry | Equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4> |

| TITLE | Assessment requirements for AHCPHT2015 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:* accessing workplace information to identify task requirements
* selecting, fitting and using personal protective clothing and equipment
* checking and confirming readiness of equipment before operation
* complying with workplace health and safety procedures
* starting and operating equipment according to instructions
* monitoring harvesting operation to achieve task requirements, and taking corrective action in response to any problems and anomalies
* treating and delivering grapes according to task requirements
* shutting down equipment according to operator instructions
* sorting, collecting, treating and disposing of waste according to environmental and workplace procedures
* maintaining appropriate records.
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| Knowledge Evidence |
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| 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
* work health and safety (WHS) hazards and controls, including:
* selecting, fitting and using appropriate personal protective clothing and equipment
* identifying and reporting potential workplace health and safety hazards
* handling, preparing and adding chemicals
* procedures for identifying, rectifying and/or reporting 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 and/or addressing and/or reporting them, including:
* equipment breakages or malfunction
* vine or trellis damage
* grape quality and quantity
* matter other than grapes (MOG) 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.
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| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:* physical conditions:
* a workplace or an environment that accurately represents workplace conditions
* resources, equipment and materials:
* appropriate personal protective clothing and equipment
* tractor with attached gondola or trailer
* products and materials to be collected and delivered
* cleaning procedures, materials and equipment
* documentation and recording requirements and procedures
* specifications:
* work procedures, including advice on company practices, safe work practices, quality and environmental requirements
* legislative and local quarantine regulations and codes of practice
* instructions, information, specifications 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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