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. |

| AHCPHT2002 | Carry out potting operations |
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| Application | This unit of competency describes the skills and knowledge required to carry out potting operations in wine grape nurseries.  The unit applies to workers in wine grape nurseries who work under general supervision, with limited autonomy and accountability for their own work.  No occupational licensing, legislative or certification requirements are known to 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 potting operations | 1.1 Confirm work instructions and identify potential work health and safety (WHS) hazards and controls with supervisor  1.2 Select and use appropriate personal protective clothing and equipment  1.3 Undertake work in accordance with relevant material safety data sheets (MSDS) workplace environmental guidelines  1.4 Ensure potting materials are available  1.5 Blend potting media to ensure consistency  1.6 Clean and treat pots and work areas to minimise risk of pest and pathogen contamination  1.7 Prepare grafted cuttings ready for potting |
| 2. Pot propagated material | 2.1 Identify and collect callused cuttings requiring potting  2.2 Place soil in pots to meet workplace specifications  2.3 Plant cuttings according to workplace specifications  2.4 Label potted cuttings clearly according to workplace procedures |
| 3. Carry out post-potting treatments | 3.1 Transfer potted cuttings to growing environment in accordance with workplace procedures  3.2 Hydrate potted cuttings using workplace methods  3.3 Prepare and apply treatments as directed using safe work practices to minimise risk of hazards  3.4 Collect and dispose of waste according to waste and environmental procedures |
| 4. Complete potting operations | 4.1 Identify problems and anomalies and suggest solutions within workplace practices  4.2 Reset work area for next potting activity  4.3 Clean, maintain and store equipment in accordance with workplace practices  4.4 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. | |
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| Skill | Description |
| Reading | * Interpret textual information from a variety of workplace documents accurately |
| Oral Communication | * Converse clearly using industry-specific language |
| Numeracy | * Calculate numerical information relating to volume of material requirements |
| Navigate the world of work | * Follow clear instructions within defined level of responsibility * Recognise own work performance and seek assistance where required |
| 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 |
| AHCPHT2002 Carry out potting operations | FDFWGG2002A Carry out potting operations | Updated to meet Standards for Training Packages  Code changed to reflect changed training package  Minor changes to elements and performance criteria | 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 AHCPHT2002 Carry out potting 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:   * using personal protective equipment, Material Safety Data Sheets (MSDS) and following other specified work health and safety procedures * handling potting media, treatments and disinfectants safely * selecting and mixing treatments to required concentrations according to instructions * cleaning pots and work surfaces to instructions * ensuring materials are available and ready for potting process * blending potting media consistency according to instructions * grading, waxing or other preparations of cuttings before potting * potting cuttings according to instructions and labelling trays * disposing of waste according to workplace procedures * completing records according to workplace procedures. | |

| 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:   * work health and safety (WHS) hazards and controls, including: * purpose and application of protective clothing and/or equipment * material safety data sheets (MSDS) * correct operating procedures of equipment * safe and effective handling of equipment * safe preparation and handling of potting media * safe preparation and handling of chemicals * procedures for preparing cuttings for potting, including: * grading * waxing * dipping in hormones * hydrating * potting process and standards of potting, including: * resources and materials used for the potting process * selecting, operating, maintaining and storing required equipment according to instructions * planting cuttings, including putting correct amount of media into the pots and placing cuttings with nodes facing upwards * commonly occurring problems with potted cuttings * labelling trays as instructed * watering potted cuttings * process of transferring and placing potted cuttings to growing environment * how to recognise problems and anomalies, and correcting and reporting them as instructed, including: * procedures and responsibilities for reporting problems and anomalies * preparing chemical treatments to required concentration and ensure a homogenous mix * principles of nursery hygiene, including: * cleaning requirements and procedures for work area and equipment * appropriate cleaning techniques * procedures for the maintenance of work area and equipment to meet workplace housekeeping and hygiene standards, including: * recognising, rectifying and reporting environmental non-compliance * environmental issues and controls * waste disposal requirements and procedures * processes for maintaining workplace records: * reporting and recording requirements and procedures. |

| 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: * personal protective equipment * equipment, services and corresponding information * potting products and materials * cleaning procedures, materials and equipment * documentation and recording requirements and procedures * specifications: * work procedures, including advice on company practices, safe work practices, and environmental requirements * instructions, information, MSDS, labelling, 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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