Modification history

|  |  |
| --- | --- |
| Release | Comments |
| Release 1 | This version released with FBP Food, Beverage and Pharmaceuticals Training Package version 2.0. |

| FBPVIT2002 | Carry out potting operations |
| --- | --- |
| 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 | Viticulture (VIT) - Nursery |

| Elements | Performance Criteria |
| --- | --- |
| 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 supervisor1.2 Select and use appropriate personal protective clothing and equipment1.3 Undertake work in accordance with relevant material safety data sheets (MSDS) workplace environmental guidelines1.4 Ensure potting materials are available1.5 Blend potting media to ensure consistency1.6 Clean and treat pots and work areas to minimise risk of pest and pathogen contamination1.7 Prepare grafted cuttings ready for potting |
| 2. Pot propagated material | 2.1 Identify and collect callused cuttings requiring potting2.2 Place soil in pots to meet workplace specifications2.3 Plant cuttings according to workplace specifications2.4 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 procedures3.2 Hydrate potted cuttings using workplace methods3.3 Prepare and apply treatments as directed, using safe work practices to minimise risk of hazards3.4 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 practices4.2 Reset work area for next potting activity4.3 Clean, maintain and store equipment in accordance with workplace practices4.4 Record workplace information according to workplace procedures |

| 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. |
| --- |
| Skill | Description |
| Reading | * Reads and interprets instructions and specifications for potting vines and consolidates information to determine requirements
 |
| Writing | * Prepares relevant reporting and other documentation using clear language, correct spelling and industry terminology
 |
| Numeracy | * Performs basic calculations when preparing treatments and estimating materials for potting
 |
| Oral Communication | * Uses clear language and oral concepts when clarifying and confirming work requirements
 |
| Navigate the world of work | * Recognises organisational expectations and follows explicit protocols and procedures within defined level of responsibility
 |
| Get the work done | * Follows clearly defined instructions and sequencing, and monitors own progress for the task, seeks assistance when necessary
* Makes low-impact decisions around immediate clearly defined tasks
* Recognise and act on opportunities for continuous improvement in accordance with workplace practices
 |

|  |
| --- |
| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPVIT2002 Carry out potting operations | FDFWGG2002A Carry out potting operations | Updated to meet Standards for Training PackagesMajor changes to elements and Performance Criteria | Not equivalent unit |

|  |  |
| --- | --- |
| 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 FBPVIT2002 Carry out potting operations |
| --- | --- |
| 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 potting operation process on at least two separate occasions, including:* 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 procedures
* completing records 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:* 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 |
| --- |
| 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. |

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