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 5.0. |

| AHCMDC202 | Assist with propagation of medicinal cannabis |
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| Application | This unit of competency describes the skills and knowledge required to provide assistance in propagating medicinal cannabis as part of cultivation processes. It requires the ability to prepare self, tools, equipment and materials for propagation tasks, assist with preparing propagation material, assist with monitoring health of propagation material and environmental climate conditions and report abnormalities, record and report on propagation activities, and clean up on completion.  The unit applies to individuals who carry out a range of routine propagation tasks on a licenced medicinal cannabis production site under the direction of a supervisor.  No licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Medicinal Cannabis (MDC) |

| 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 medicinal cannabis propagation tasks | 1.1 Confirm propagation tasks and specifications with supervisor  1.2 Recognise health and safety hazards and report safety concerns  1.3 Collect required tools, equipment and materials for the task, and check for functionality  1.4 Fit and use personal protective equipment according to health and safety and hygiene requirements  1.5 Apply personal hygiene and tools and equipment sanitation procedures  1.6 Check propagation work area is clean and free of waste on entering secured area |
| 2. Assist with preparing propagation material | 2.1 Identify propagation material to be used and confirm quantity and weights with supervisor  2.2 Prepare media for the propagation process being undertaken according to supervisor instructions  2.3 Assist with taking cuttings, sowing seed or preparing tissue culture as required  2.4 Place cuttings, seed or tissue into prepared media to required level  2.5 Assist with labelling propagation material according to workplace procedures  2.6 Place media in propagation growing system using safe practices  2.7 Assist with water, nutrient and carbon dioxide requirements according to specifications  2.8 Assist with temperature, lighting and humidity monitoring requirements according to specifications  2.9 Record required data according to workplace quality procedures, reporting any deviations from quantity and weights |
| 3. Assist with monitoring propagation material health and environmental climate conditions | 3.1 Confirm quantity and weights of propagation material to be monitored with supervisor  3.2 Assist with monitoring health of propagation material according to monitoring schedule and report abnormalities  3.3 Check for signs of disease or pests and report potential or presence of disease or pests  3.4 Assist with monitoring water and nutrient requirements, applying re-wetting techniques as required  3.5. Assist with monitoring climate control levels according to specifications and report levels that are out of acceptable range  3.5 Keep propagation growing system clean and free from propagation material waste at all times  3.6 Maintain records according to workplace quality procedures, reporting any deviations from quantity and weights |
| 4. Clean up after propagation and monitoring activities | 4.1 Clean and sanitise propagation work area before safely leaving secured area  4.2 Weigh, record and place propagation material waste in designated containers according to workplace and regulatory requirements  4.3 Dispose of material waste safely according to workplace procedures  4.4 Check, clean and sanitise and store tools and equipment, reporting identified repair requirements to supervisor |

| 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 range of sources to identify relevant and key information about specifications and workplace procedures |
| Writing | * Use clear language and industry terminology to complete workplace records and labels |
| Oral Communication | * Use clear language and industry terminology to report abnormalities of propagation material health and environmental climate conditions, repair requirements and any deviation from recorded quantities and weights |
| Numeracy | * Conduct simple counts and weight calculations of propagation material * Interpret numerical data from climate control gauges |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCMDC202 Assist with propagation of medicinal cannabis | Not applicable | New unit | No equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet:  <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72> |

| TITLE | Assessment requirements for AHCMDC202 Assist with propagation of medicinal cannabis |
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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 assisted with propagation tasks of medicinal cannabis for at least two propagation cycles, including:   * prepared, cleaned and applied sanitation procedures to self, the required tools, equipment and materials, and work area * applied propagation techniques for at least two of following methods: * plant grown by seed * cuttings of a plant * tissue culture * performed regular counts and weight checks of propagation material * labelled propagation material with the required information and correct terminology * checked, monitored and accurately recorded health of propagation material and environmental climate conditions during the propagation cycle * identified common propagation material health issues and signs of disease and pests * maintained accurate workplace records on propagation activities * complied with security and waste disposal requirements * communicated any abnormalities, tools and equipment repairs or deviations from quantities and counts. | |

| Knowledge Evidence |
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| * medicinal cannabis during the propagation cycle including: * plant morphology * signs of common health issues, including nutrient deficiencies or excesses, environmental stress such as water, temperature and humidity stress, mould * signs of common disease and pests * common problems associated with performing propagation activities and process for reporting these * principles of Good Agricultural and Collection Practices (GACP) in relation to the propagation of medicinal cannabis plants, including: * hygiene and sanitation, personal, tools and equipment and propagation work area * health and safety, including manual handling * quality controls * propagation techniques, including cuttings, grafting, seed sowing and tissue culture * preparation of propagation media, including pre-wetting with appropriate nutrient solutions and draining to avoid excess moisture * water, nutrient and carbon dioxide requirements, including re-wetting techniques used when monitoring * environmental climate requirements in controlled growing systems, including ideal target lighting intensity, temperature and humidity levels for propagation method and growing media * monitoring plant health and environmental climate conditions * disposal and destruction of propagation material waste * identification and traceability * recording and reporting requirements * biosecurity measures * workplace security requirements * function and operations of tools and equipment used during the propagation of medicinal cannabis plants, including operational checks * function and operations of propagation growing systems, including their control systems.,. |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * skills must be demonstrated on a medicinal cannabis production site or an environment that accurately represents workplace conditions * resources, equipment and materials: * propagation growing system * personal protective equipment * cuttings, seeds or tissue culture for propagation * tools, equipment and materials required for propagation method * tools, equipment and materials for cleaning and sanitation * workplace recording and reporting system * specifications: * propagation specifications * workplace procedures relating to the propagation of medicinal cannabis including, health and safety, hygiene and sanitation, recording and reporting, and security requirements * relationships: * supervisor.   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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