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 tools, equipment and materials for propagation tasks, assist with preparing propagation material, assist with monitoring health of propagation material and growing conditions and report abnormalities, 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.  All work is carried out to comply with workplace procedures, according to national and state/territory medicinal cannabis and health and safety regulations, legislation and standards that apply to the workplace.  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  1.4 Fit and use personal protective equipment according to health and safety and hygiene requirements  1.5 Apply personal hygiene and equipment sanitation procedures  1.6 Prepare media safely for the propagation process being undertaken according to supervisor instructions  1.7 Have tools, equipment and materials on hand prior to safely entering secured area |
| 2. Assist with preparing propagation material | 2.1 Assist with taking cuttings, sowing seed or preparing tissue culture as required  2.2 Place cuttings, seed or tissue into prepared media to required level  2.3 Assist with labelling propagation material according to workplace procedures  2.4 Place media in propagation system using safe practices  2.5 Assist with water and nutrient requirements according to specifications  2.6 Assist with temperature, lighting and humidity monitoring requirements according to specifications  2.7 Record required data according to workplace procedures |
| 3. Assist with monitoring propagation material and climate conditions | 3.1 Assist with monitoring health of propagation material according to monitoring schedule and report abnormalities  3.2 Check for signs of disease or pests and report potential or presence of disease or pests  3.3 Assist with monitoring water, nutrient and climate control levels according to specifications and report levels that are out of acceptable range  3.4 Keep propagation system clean and free from propagation material waste at all times  3.5 Maintain records according to workplace procedures |
| 4. Clean up after propagation | 4.1 Clean propagation system before safely leaving secured area  4.2 Place propagation material waste in designated containers and dispose of materials safely according to workplace procedures  4.3 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 climate conditions |
| Numeracy | * Interpret numeral 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.education.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 the propagation of medicinal cannabis for at least one propagation cycle, including:   * prepared the required tools, equipment and materials * applied propagation techniques for at least two each of following methods: * plant grown by seed * cuttings of a plant * tissue culture * labelled propagation material with the required information and correct terminology * checked, monitored and accurately recorded health of propagation material and climate conditions during the propagation cycle * maintained, cleaned and sanitised work area and equipment * complied with security and waste disposal requirements. | |

| Knowledge Evidence |
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| * medicinal cannabis during the propagation cycle including: * anatomy * signs of health * signs of 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 * health and safety, including manual handling * quality controls * propagation techniques, including cuttings, grafting, seed sowing and tissue culture * preparation of propagation media * water and nutrient requirements * climate requirements in controlled growing systems, including lighting, temperature and humidity * monitoring plant health and climate conditions * disease and pest control * disposal and destruction of propagation material waste * identification and traceability * recording and reporting * biosecurity measures * workplace security requirements * function and operations of tools and equipment used during the propagation of medicinal cannabis plants * function and operations of growing 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: * 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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