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. |

| AHCMDC303 | Undertake care and maintenance of medicinal cannabis |
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| Application | This unit of competency describes the skills and knowledge required to care for and maintain medicinal cannabis plants during their growing and flowering cycles according to the care and maintenance plan. It requires the ability to assess plant growth for care and maintenance requirements, apply trimming and training techniques to achieve best flower production and monitor and control plant health and climate conditions throughout the growing and flowering cycles.  The unit applies to individuals who perform skilled maintenance work on medicinal cannabis plants on a licenced medicinal cannabis production site. They may work independently or as part of a team.  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 care and maintenance of medicinal cannabis | 1.1 Confirm maintenance plan and monitoring schedules with supervisor  1.2 Identify health and safety hazards, assess risks and implement control measures  1.3 Prepare self, required tools, equipment and materials, including personal protective equipment according to hygiene and sanitation and health and safety procedures  1.4 Have tools, equipment and materials on hand prior to safely entering secured area |
| 2. Maintain medicinal cannabis plants | 2.1 Check plant growth to determine maintenance needs  2.2 Trim and shape plants to allow airflow and set up framework for flowering  2.3 Secure and train plants onto support structures  2.4 Use tools and equipment safely and cautiously around growing systems  2.5 Repot and transfer pots between growing and flowering areas using safe practices  2.6 Check water and nutrient requirements after pruning and potting and use control system to adjust and maintain to the required levels  2.7 Record required data and observations according to workplace procedures |
| 3. Monitor plant health and climate control during growing and flowering stages | 3.1 Check plant health according to monitoring schedule and adjust water and nutrients as required  3.2 Check for signs of disease or pests and if required, apply treatments according to workplace procedures  3.3 Check climate control, including temperature, lighting and humidity levels according to specification and adjust as required  3.4 Monitor growing system for safety, hygiene and plant waste to be removed  3.6 Record required data and observations according to workplace procedures |
| 4. Complete care and maintenance activities | 4.1 Check growing system is clean before safely leaving secured area  4.2 Remove and place plant waste in designated containers and dispose of materials safely according to workplace and regulatory requirements  4.4 Record and report on maintenance activities |

| 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 information about maintenance requirements, monitoring schedule, workplace procedures and regulatory requirements |
| Writing | * Use clear language and industry terminology to complete workplace records and reports |
| Oral Communication | * Use clear language and industry terminology to report on maintenance activities |
| Numeracy | * Interpret numeral data from sampling and growing system gauges and make adjustments to fertigation and climate controls |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCMDC303 Undertake care and maintenance 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 AHCMDC303 Undertake care and maintenance 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 undertaken the care and maintenance of medicinal cannabis for at least one growing and flowing cycle, including:   * selected and prepared the required tools, equipment and materials * identified risks and applied control measures * applied the required trimming and shaping techniques to at least six medicinal cannabis plants that maintained right balance of growth and flower production * applied the required training techniques to at least six medicinal cannabis plants onto support structures * monitored plant health by visual inspection and sampling * monitored, controlled and made required adjustments to climate conditions during the growing and flowing cycles based on specifications and plant needs * maintained safe, clean and sanitised work area and equipment * maintained accurate records and reports on maintenance data and activities. | |

| 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:   * organisational care and maintenance plan for medicinal cannabis * process for conducting health and safety risk assessment and control measures that may be used during plant maintenance processes * regulatory and workplace requirements related with the care and maintenance of medicinal cannabis plants, including: * hygiene and sanitation * health and safety, including manual handling * physical security of cannabis * disposal and destruction of plant waste * identification and traceability * recording and reporting * biosecurity * principles of Good Agricultural and Collection Practices (GACP) in relation to the care and maintenance of medicinal cannabis plants during growing and flowering cycles, including: * trimming, shaping and training techniques for optimum flower production and reduce risk of disease * 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 * quality controls * function, operation and maintenance of tools and equipment used during the care and maintenance of medicinal cannabis plants * function and operation of 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: * personal protective equipment * medicinal cannabis plants during their growing and flowering stages * tools, equipment and materials required for maintenance tasks * tools, equipment and materials for cleaning and sanitation * sampling equipment * workplace recording and reporting system * specifications: * maintenance specifications * monitoring schedule * workplace procedures relating to the maintenance of medicinal cannabis including, health and safety, hygiene and sanitation, recording and reporting and security regulatory 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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