



Australian Government

AHCMDC404 Plan and implement a care and maintenance program for medicinal cannabis

Release: 1

AHCMD404 Plan and implement a care and maintenance program for medicinal cannabis

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to plan, implement and monitor a program for the care and maintenance of medicinal cannabis plants during their vegetative and flowering cycles. It requires the ability to determine plant care and maintenance requirements, develop the maintenance plan, communicate the plan and procedures to implement the program, and monitor and evaluate the effectiveness of the program. The program may include the care and maintenance of mother plants that are kept in the vegetative stage and used for cuttings and clones.

The unit applies to individuals at the supervisory or managerial level and who are responsible for managing and monitoring the care and maintenance of plants on a licensed medicinal cannabis production site.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Medicinal Cannabis (MDC)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine care and maintenance requirements for	1.1 Identify and confirm cultivation specifications with senior personnel

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
medicinal cannabis plants	1.2 Determine plant care and maintenance requirements, including climate conditions for growing and flowering cycles 1.3 Determine space requirements for the program, including any parameters that impact on required growing conditions 1.4 Determine legal and regulatory considerations
2. Develop care and maintenance plan	2.1 Identify labour, materials, tools and equipment needs for crop care and maintenance 2.2 Determine identification and quality specifications for medicinal cannabis plants during vegetative and flowering cycles 2.3 Determine monitoring and treatment strategies to maintain health of medicinal cannabis plants 2.4 Develop schedules for care and maintenance activities, including monitoring of plant health, water and nutrient requirements and environmental climate conditions 2.5 Identify hazards, assess risks and determine control limits, measures and corrective actions that ensure health and safety, hygiene, quality and security requirements
3. Implement and monitor care and maintenance program	3.1 Communicate plan and establish roles and responsibilities to all involved 3.2 Communicate and provide training on workplace procedures and schedules, including health and safety, hygiene and security requirements for care and maintenance activities 3.3 Monitor hygiene, quality and record-keeping requirements during care and maintenance activities 3.4 Confirm maintenance activities meet legal and regulatory requirements
4. Evaluate care and maintenance program	4.1 Evaluate program for effectiveness 4.2 Identify and record variances from plan and scheduled activities 4.3 Assess plants for health and quality 4.4 Complete reports on care and maintenance activities to meet workplace and compliance requirements, including deviation investigations as required

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.

Skill	Description
Reading	Interpret a range of textual and numerical information relevant to care and maintenance requirements to determine required actions
Writing	Prepare and logically structure components of the care and maintenance plan
Oral communication	Participate in verbal exchanges to report and present information to a range of personnel
Numeracy	Calculate required resources for maintenance plan for a period of time

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCMDC404 Plan and implement a care and maintenance program for medicinal cannabis	Not applicable	The unit has been created to address an emerging skill or task required by industry	Newly created

Links

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

Assessment Requirements for AHCMDC404 Plan and implement a care and maintenance program for 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 planned and implemented a program for the care and maintenance of medicinal cannabis plants for at least one of their vegetative and flowering cycles, including:

- documented a plan that incorporates each of the following:
 - plant care and maintenance requirements
 - resource requirements
 - identification and quality specifications
 - strategies for monitoring and treating plants
 - schedules for care and maintenance activities
 - risk assessment and control measures and actions
 - regulatory requirements
- communicated and provided training on plant care and maintenance activities
- monitored and evaluated activities against the plan
- reported on care and maintenance activities, including any deviations.

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:

- principles and practices for developing a care and maintenance program for medicinal cannabis during the growing and flowering cycles, including determining:
 - care and maintenance requirements, including water and nutrient requirements and environmental climate conditions for vegetative and flowering cycles, and for preserving mother plants
 - identification and quality specifications
 - application of non-chemical intervention or treatments

- problems performing maintenance activities, and preventative action
- hygiene standards required for maintenance activities
- scheduling for care and maintenance activities
- legal and regulatory requirements required of licensed cultivators of medicinal cannabis, including reporting requirements
- principles of Good Agricultural and Collection Practices (GACP) in relation to the care and maintenance of medicinal cannabis, including:
 - cultivation processes during vegetative and flowering cycles, and preserving mother plants
 - traceability
 - hygiene and sanitation
 - health and safety
 - monitoring, sampling and control
 - documentation processes, including deviation investigations reports
- methods and systems that may be used for developing, monitoring and evaluating maintenance plans, schedules and workplace procedures
- principles of risk assessment, including hazard identification, risk analysis, control limits, control measures and corrective actions and evaluation
- effective training methods used to train staff on workplace procedures.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a medicinal cannabis production site or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - software applications/workplace documentation for developing plans and schedules
- specifications:
 - cultivation specifications
 - workplace procedures relating to the care and maintenance of medicinal cannabis, including security, health and safety, hygiene and sanitation, quality, recording and reporting requirements
- relationships:
 - senior personnel and staff.

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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