



Australian Government

AHCMDC405 Plan and implement a harvest and pre-processing program for medicinal cannabis

Release: 1

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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 harvest and pre-processing of medicinal cannabis. It requires the ability to determine harvest and pre-processing requirements, develop the harvest and pre-processing plan, communicate the plan and procedures to implement the program, and monitor and evaluate the effectiveness of the program.

The unit applies to individuals at the supervisory or managerial level and who are responsible for managing and monitoring harvest and pre-processing operations 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 harvest and pre-processing requirements for medicinal cannabis	1.1 Identify and confirm cultivation and production specifications with senior personnel 1.2 Determine harvest and pre-processing requirements, including optimum harvest time based on product specifications and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	implementation of Good Manufacturing Practices 1.3 Determine space requirements for the program, including any parameters that impact on manual handling 1.4 Determine legal and regulatory considerations
2. Develop harvest and pre-processing plan	2.1 Identify labour, materials, tools and equipment needs for crop harvest and pre-processing 2.2 Determine identification and quality specifications for medicinal cannabis during harvest and each pre-processing stage 2.3 Determine monitoring strategies to maintain quality of harvested plants and product for each process 2.4 Develop schedules for harvest and pre-processing activities, including monitoring of environmental climate conditions for each process 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 harvest and pre-processing program	3.1 Communicate harvest and pre-processing plan, and establish roles and responsibilities to all involved 3.2 Communicate workplace procedures and schedules, including health and safety, hygiene and security requirements for harvest and pre-processing activities 3.3 Monitor hygiene, quality and record-keeping requirements during harvest and pre-processing activities 3.4 Confirm harvest and pre-processing activities meet legal and regulatory requirements
4. Evaluate harvest and pre-processing program	4.1 Evaluate harvest and pre-processing program for effectiveness 4.2 Identify and record variances from plan and scheduled activities 4.3 Assess quality of pre-processed product 4.4 Complete reports on harvest and pre-processing activities to meet workplace and compliance requirements, including any deviations

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 harvest and pre-processing requirements to determine required actions
Writing	Prepare and logically structure components of the harvest and pre-processing plan
Oral communication	Participate in verbal exchanges to report and present information to a range of personnel
Numeracy	Calculate required resources for harvest and pre-processing plan for a period of time

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCMDC405 Plan and implement a harvest and pre-processing program for medicinal cannabis	Not applicable	The unit has been created to address an emerging skill or task required by industry	Newly created unit

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 AHCMDC405 Plan and implement a harvest and pre-processing 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 harvest and pre-processing of medicinal cannabis for at least one crop harvest, including:

- documented a plan that incorporates each of the following:
 - harvest and pre-processing requirements
 - resource requirements
 - identification and quality specifications
 - strategies for monitoring and treating plants
 - schedules for harvest and pre-processing activities
 - risk assessment and control measures and actions
 - regulatory requirements
- communicated and provided training on harvest and pre-processing activities
- monitored and evaluated activities against the plan
- reported on harvest and pre-processing 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 harvest and pre-processing program for medicinal cannabis, including determining:
 - harvest and pre-processing requirements, including environmental climate conditions for each process
 - identification and quality specifications
 - problems performing harvest and pre-processing activities, and preventative action
 - health and safety considerations, including manual handling
 - hygiene standards required for harvest and pre-processing activities

- scheduling for harvest and pre-processing 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 harvest and pre-processing of medicinal cannabis, including:
 - determining when to harvest for best quality and yield, and based on required active ingredient
 - traceability
 - hygiene and sanitation
 - climate conditions
 - quality controls
 - documentation processes
- principles and regulations for Good Manufacturing Practices (GMP) in relation to pre-processing of medicinal cannabis, including:
 - disposal and destruction of plant material waste
 - entering and exit procedures
 - hygiene and sanitation
 - trimming, drying and milling processes
 - labelling and packaging requirements, including mandatory data
 - secured storage areas for medicinal cannabis material and product
- methods and systems that may be used for developing, monitoring and evaluating harvest and pre-processing 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 and production specifications
 - workplace procedures relating to the harvest and pre-processing 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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