



Australian Government

AHCMDC305 Undertake harvest and pre-processing of 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 carry out harvest and pre-processing processes for medicinal cannabis according to the harvest and pre-processing plan. It requires the ability to prepare for harvesting and pre-processing activities, assess readiness of medicinal cannabis for harvest, monitor and adjust environmental climate conditions, dispose of plant material waste, and maintain recording and reporting requirements according to regulatory and quality requirements.

The unit applies to individuals who are skilled in carrying out harvest and pre-processing operations on a licensed medicinal cannabis production site. They may work independently or as part of a team.

No licensing, regulatory 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. Prepare for harvest and pre-processing of medicinal cannabis	1.1 Confirm harvest and pre-processing plans and specifications with supervisor 1.2 Identify health and safety hazards, assess risks and implement

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	control measures 1.3 Prepare self and required approved materials, tools and equipment, including personal protective equipment, according to hygiene and sanitation and health and safety procedures 1.4 Check work area is clean and free of waste on entering secured area
2. Harvest medicinal cannabis	2.1 Check and record weights and quantities of plants to be harvested against specifications 2.2 Check plant health prior to commencing harvesting tasks, including any signs of disease or pests, and report abnormalities or presence of disease or pests 2.3 Check climate control, including temperature, humidity and airflow levels, according to specifications and adjust as required 2.4 Cut flowering stems and place in harvest containers according to specifications and workplace procedures 2.5 Handle harvested stems in a way that minimises damage to flower and avoids contact with growing media 2.6 Calculate weight of harvest stems and transfer to the drying room using safe practices and according to entry and exiting procedures 2.7 Remove remaining plant material from growing media and dispose of according to workplace and regulatory requirements 2.8 Record required data and observations according to workplace quality procedures, including any deviations in recorded quantities and weights
3. Pre-process medicinal cannabis	3.1 Comply with entry and exit procedures when moving in and out of the drying room according to workplace and quality requirements 3.2 Apply personal hygiene and equipment sanitation procedures 3.3 Check climate control, including temperature, humidity and airflow levels, according to specifications and adjust as required 3.4 De-stem flower using required equipment according to specifications and safe practices 3.5 Dry remaining stems and flowers according to specifications and required climate conditions 3.6 Apply milling process for extraction as required 3.7 Remove and dispose of plant material waste according to

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace and regulatory requirements 3.8 Record required data and observations according to workplace quality procedures, including any deviations in recorded quantities and weights
4. Pack and store medicinal cannabis product	4.1 Label and pack product according to specifications and workplace and regulatory requirements 4.2 Store product safely and securely in required climate conditions until ready for distribution 4.3 Record required data and observations, including reports for compliance according to workplace procedures
5. Complete post harvest and pre-processing activities	5.1 Check work areas are clean and sanitised before safely leaving secured areas 5.2 Check material waste is safely disposed of according to workplace and regulatory requirements 5.3 Record and report on harvest and pre-processing activities, including any non-compliance or potential problems

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 textual and numerical information from a range of sources to identify relevant information about harvest and pre-processing requirements, workplace procedures and regulatory requirements
Writing	Use clear language and industry terminology to complete workplace records and reports and labels on products
Oral communication	Use clear language and industry terminology to report on harvest and pre-processing activities
Numeracy	Interpret numerical data from testing and climate control gauges, and make adjustments

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCMDC305 Undertake harvest and pre-processing of 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 AHCMD305 Undertake harvest and pre-processing 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 harvesting and pre-processing operations for at least six medicinal plants for at least two harvest stages, including:

- selected and prepared the required tools, equipment and materials for both harvesting and pre-processing operations
- identified risks and applied control measures
- maintained safe, clean and sanitised work area
- checked plants for signs of health issues, disease and pests prior to harvest
- applied the required harvesting, trimming and drying techniques according to specifications
- packaged and labelled product with information and data required by regulations
- transferred and stored packaged product in secured area
- monitored and adjusted climate control against specifications for each process
- monitored and recorded counts and weight for each process, and checked for deviations
- complied with security and waste disposal requirements
- maintained accurate records and reports on harvesting and post-harvesting data and activities, including any non-compliance and 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:

- organisational medicinal cannabis harvest and pre-processing plan
- forms of medicinal cannabis product produced by organisation
- process for conducting health and safety risk assessment, and control measures relevant to harvest and pre-processing processes
- medicinal cannabis during harvest stage, including:
 - plant morphology

- signs of common health issues, including mould, and their remedies
- signs of common diseases and pests, and their control
- function, operation and maintenance of tools and equipment used during the harvest and pre-processing operations, including approval and operational checks
- function and operation of climate systems, including their control systems
- regulatory and workplace requirements related to harvest and pre-processing processes for medicinal cannabis, including:
 - hygiene and sanitation
 - health and safety, including manual handling
 - physical security of cannabis, including secure storage areas
 - disposal and destruction of plant waste
 - recording and reporting requirements
 - identification and traceability
 - biosecurity
- principles of Good Agricultural and Collection Practices (GACP) in relation to the harvest of medicinal cannabis, including:
 - determining when to harvest for best quality and yield, by using visual and physical signs and/or testing
 - harvesting techniques
 - quality controls
- principles of Good Manufacturing Practices (GMP) in relation to pre-processing of medicinal cannabis, including:
 - climate conditions
 - disposal and destruction of plant material waste
 - entering and exit procedures
 - hygiene and sanitation
 - trimming, drying and milling techniques
 - labelling and packaging requirements, including mandatory data
 - secured storage areas for medicinal cannabis material and product
- procedures for entering and exiting drying room.

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:
 - personal protective equipment
 - plants for harvesting

- tools, equipment and materials required for harvest and pre-processing processes
- tools, equipment and materials for cleaning and sanitation
- drying room
- labelling and packaging material
- secured storage area
- workplace recording and reporting system
- specifications:
 - harvest and pre-processing plan and specifications
 - workplace procedures relating to harvest and pre-processing operations for medicinal cannabis, including security, health and safety, hygiene and sanitation, quality, recording and reporting requirements
- relationships:
 - supervisor.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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