



Australian Government

AHCBEK203 Open and reassemble a beehive

Release: 2

AHCBEK203 Open and reassemble a beehive

Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to open and reassemble a beehive to carry out routine bee husbandry and related tasks.

The unit applies to individuals that undertake routine beekeeping tasks. This includes identifying and providing solutions to a limited range of predictable problems.

State and territory legislation, regulations and local government by-laws apply in some jurisdictions to beehive ownership and compliance with biosecurity codes of practice.

Pre-requisite Unit

Nil

Unit Sector

Beekeeping (BEK)

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 to open a beehive	1.1 Confirm the activity to be undertaken according to job requirements. 1.2 Identify health and safety hazards and take action according to workplace procedures 1.3 Select, ensure serviceability, fit and use personal protective equipment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Identify and select tools and equipment required according to workplace procedures 1.5 Check tools for serviceability and ensure faults are rectified or reported to supervisor 1.6 Assess weather conditions and nectar flow and adjust planned activities to minimise risk of robbing and stress to bees 1.7 Comply with site quarantine and biosecurity requirements according to workplace procedures 1.8 Use safe manual or mechanical handling techniques to minimise to prevent injuries and damage to hives
2. Open the beehive	2.1 Apply smoke to control bees throughout the process 2.2 Carry out work from a safe position in relation to beehive 2.3 Open beehive using hive tool and remove components according to workplace procedures 2.4 Place the components safely to ensure they remain clean and free from contaminants according to biosecurity and workplace procedures
3. Reassemble the beehive	3.1 Replace components according to workplace procedures and brood manipulation requirements 3.2 Reassemble the hive according to workplace procedures 3.3 Close the hive and secure according to workplace procedures

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 and workplace procedures
Navigate the world of work	Comply with and implement explicit instructions and workplace procedures
Get the work done	Plan and implement beehive tasks making limited decisions on sequencing and timing

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBEK203 Open and reassemble a beehive Release 2	AHCBEK203 Open and reassemble a beehive Release 1	Minor changes to Performance Criteria for clarity Updated Performance Evidence and Knowledge Evidence	Equivalent 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 AHCBEK203 Open and reassemble a beehive

Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that on at least two occasions the individual has demonstrated that they have safely opened and reassembled a hive, including:

- identified health and safety hazards and risks and applied appropriate controls
- selected, checked serviceability, fitted and used appropriate personal protective equipment (PPE)
- selected appropriate tools and equipment, and checked serviceability
- complied with hive quarantine and biosecurity requirements
- assessed the weather and other factors to minimise the risk of robbing and stress to bees
- worked from a safe position and used smoker, tools and equipment to move, open and dismantle a hive according to workplace procedures
- ensured hive components were kept clean and free from dirt
- replaced hive components and brood, reassembled the hive according to workplace procedures.

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 of opening and reassembling beehives
- bee behaviour when manipulating and dismantling a beehive
- the use of smoke to control bee behaviour
- hive components, location and purpose
- beekeeping tools and their application for dismantling a hive
- basic principles of hive hygiene, biosecurity and quarantine
- safety hazards, risks and controls when working bees including:

- PPE
- manual and mechanical handling techniques
- effect of weather and nectar flow on bee behaviour.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - an active apiary with live bees
- resources, equipment and materials:
 - live bees
 - hive tools
 - hive components
 - PPE
 - mechanical handling equipment
- specifications:
 - workplace procedures related to opening and reassembling beehives
 - access to specific bee related quarantine regulations and biosecurity codes of practice.

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

Links

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