



Australian Government

AHCBEK206 Assemble and maintain beekeeping components

Release: 1

AHCBEK206 Assemble and maintain beekeeping components

Modification History

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

Application

This unit of competency describes the skills and knowledge required to safely assemble and disassemble beehives, identify and repair damaged components, and treat hive components according to biosecurity and legislative requirements.

The unit applies to beekeepers who work under routine supervision. 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 assemble or repair hive components	1.1 Confirm construction plans, hive components, other materials and equipment required for hive assembly, repair and treatment with supervisor 1.2 Check and inspect stored hive components for availability and suitability for use 1.3 Remove faulty components from store and replace, repair or discard according to workplace procedures 1.4 Identify health and safety hazards and take action according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace procedures 1.5 Select, ensure serviceability, fit and use personal protective equipment
2. Assemble or repair hive components	2.1 Inspect hives to identify necessary repairs, scope of job, materials and tools required 2.2 Treat hive components where inspection or testing indicated presence of pests or diseases according to supervisor instructions, biosecurity procedures and product label 2.3 Assemble or repair hive components according to workplace procedures 2.4 Apply treatments to preserve hive components appropriate for materials used and according to workplace procedures, product label and safety data sheets 2.5 Mark hive components with beekeeper identifier according to state or territory legislation 2.6 Report problems or difficulties in completing work to required standards or timelines to supervisor 2.7 Maintain a clean and safe work site while working
3. Clean up on completion of work	3.1 Return, store or dispose of materials according to workplace waste management and biosecurity procedures 3.2 Clean, maintain and store equipment 3.3 Report work outcomes 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 basic hive plans and specifications - Interpret safety data sheets for treatments and preservatives used on hive components

Skill	Description
Writing	Complete workplace documentation using appropriate terminology and in required format
Numeracy	- Identify and interpret numerical information and symbols, including quantity, date, time, temperature, area and volume found on plans and product specifications - Perform basic mathematical calculations required to interpret hive plans, including quantity, distance, area and volume
Navigate the world of work	Recognise workplace expectations and follows explicit procedures, and seeks clarification when required
Get the work done	Follow clearly defined instructions and sequencing, and monitors own progress for the task, seeks assistance when necessary

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBEK206 Assemble and maintain beekeeping components	AHCBEK204 Construct and repair beehives	Minor change to Title and Elements to reflect current industry terminology 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 AHCBEK206 Assemble and maintain beekeeping components

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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 on at least one occasion the individual has demonstrated that they have assembled and maintained beekeeping components including:

- identified hive components for assembly or repair
- identified materials, equipment and tools required for assembly work
- identified health and safety hazards and risks and applied relevant actions
- checked components for suitability and biosecurity risk to the environment or apiculture products
- removed, repaired or replaced unsuitable materials from the store
- constructed and repaired hive components according to workplace procedures, including correct selection and safe use of tools
- applied biosecurity and preservation treatments according to product labels, safety data sheets and workplace procedures
- marked hive components according to legislative requirements
- disposed of waste materials according to workplace biosecurity and waste management procedures
- cleaned and maintained and stored equipment and unused materials after completion of work
- maintained workplace records and reporting 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:

- purpose, materials and properties of hive components
- principles and techniques for construction, repair and preservation of hive components
- tools and equipment used for assembly work, including:
 - safe use
 - appropriate personal protection equipment

- maintenance and storage
- biosecurity issues with used hive components and treatments including:
 - pests and diseases and treatment options
 - sanitising new and used components
- hive components preservation materials and techniques, including:
 - plastic components
 - timber components
 - paints
 - chemical dips
 - wax dips
- interpretation of chemical labels and safety data sheets for treatments and preservatives
- legislative requirements for identifying hive ownership
- mandatory and workplace record keeping systems.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - hand tools and equipment
 - new and used hive components
 - preservatives and treatments relevant to the type of materials used in the hive
 - use of appropriate personal protective equipment
- specifications:
 - workplace procedures relating to assembly and maintenance of beehives
 - manufacturer's operating instructions for tools and equipment used in beehive construction, assembly and preservation
 - product labels and safety data sheets for preservatives and treatments
 - access to specific legislation/codes of practice for hive identification and bee biosecurity
 - construction plans showing hive components.

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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