



Australian Government

Assessment Requirements for AHCBEK302 Manipulate honey bee brood

Release: 2

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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 one occasion the individual has demonstrated that they have manipulated a honey bee brood including:

- established the purpose for manipulating brood and determined appropriate actions and sequencing of a honey bee brood to achieve a desired outcome
- identified hazards, assessed the risks and implemented safe work procedures for handling bees
- selected, checked serviceability, fitted and used appropriate personal protective equipment
- selected and used tools, materials and equipment for manipulating bee brood
- complied with apiary biosecurity and quarantine procedures during the activity
- opened hives, removed frames and set aside with minimal disturbance to brood and queen
- repositioned frames safely according to plan with minimal damage or unintended disturbance to brood
- monitored the hive after manipulation
- cleaned up work area and disposed of waste appropriately
- updated and maintained workplace and statutory records.

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 honeybee brood manipulation
- biosecurity and quarantine requirements when manipulating bees
- bee behaviour and handling techniques
- different types of manipulation that may be used to achieve desired results, including:
 - hive expansion

- splitting and nucleus development (nucs)
- pests and disease inspection and control
- increasing honey production
- swarm control
- re-queening and queen rearing
- seasonal preparations
- frame rotation
- tools and equipment and their safe use for opening hives and manipulating brood
- types of hive waste and processes for disposal
- workplace and statutory records and reporting.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - an active apiary
- resources, equipment and materials:
 - hives with live bees with brood comb
 - specific hive tools
 - personal protective equipment
- specifications:
 - workplace procedures and instructions for manipulating brood
 - access to beekeeping legislation and biosecurity code 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>