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. |

| AHCBEK203 | Open and reassemble a beehive |
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| 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 beekeepers who work under general supervision and exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.  No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite unit | Nil |
| Unit sector | Beekeeping (BEK) |

| Elements | Performance criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1.Prepare to open a beehive | 1.1 Select, check and use personal protective equipment (PPE)  1.2 Identify work health and safety hazards and take action as directed  1.3 Identify and select tools and equipment required for the work  1.4 Conduct checks on tools and equipment and report insufficient or faulty items  1.5 Assess weather conditions and nectar availability and adjust planned activities to minimise risk of robbing and hive stress  1.6 Follow site quarantine and biosecurity protocols according to workplace procedures and industry practice  1.7 Use manual or mechanical handling techniques and minimise damage to beehive |
| 2.Open the beehive | 2.1 Control bees throughout the process by using smoke  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 dirt |
| 3.Reassemble the beehive | 3.1 Replace brood according to workplace procedures and manipulation requirements  3.2 Replace hive components according to workplace procedures  3.3 Close the hive and secure according to workplace procedures |

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| 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. | |
| Skills | Description |
| Navigate the world of work | * Complies with explicit policies and procedures, and codes of practice * Explores and implements explicit expectations of policies and procedures |
| Get the work done | * Plans and implements 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 | AHCBEK203A Open and reassemble a beehive | Updated to meet Standards for Training Packages  Minor changes to Performance Criteria for clarity | Equivalent unit |

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

| Assessment requirements | |
| --- | --- |
| AHCBEK203 | Open and reassemble a beehive |
| 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 safely opened and reassembled a hive including:   * identified safety issues and selected and wore appropriate personal protective equipment (PPE) * selected appropriate tools and checked serviceability * complied with hive quarantine and biosecurity requirements * assessed the weather and other factors to minimise the risk of robbing and colony stress * used appropriate tools and equipment to move, open and dismantle a hive * ensured hive components were kept clean and free from dirt * reassemble the beehive according to workplace instructions. | |

| Knowledge evidence |
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| 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 and the use of smoke to control behaviours * beehive components and their purpose * beekeeping tools and use for dismantling a hive * basic principles of hive, hygiene, biosecurity and quarantine * safety hazards, risks and controls when working bees including * personal protective equipment * manual and mechanical lifting techniques * effect of weather on bee behaviour. |

| Assessment conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * skills must be demonstrated in an active apiary with live bees * resources, equipment and materials: * live bees * use of specific hive tools * use of hive components * use of personal protective equipment * specifications: * use of workplace instructions/job specification * access to specific bee related quarantine protocols and biosecurity code of practice * timeframes: * manipulation must be completed according to the job requirements to minimise bee disturbance   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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