Modification history

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| 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 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.  No other occupational licensing 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 Confirm the activity to be undertaken with supervisor  1.2 Identify health and safety hazards and take action according to workplace procedures  1.3 Select, ensure serviceability and use personal protective equipment  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 dirt according to workplace procedures |
| 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 |

| 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. | |
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| 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 |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCBEK203 Open and reassemble a beehive | AHCBEK203 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 |

| TITLE | Assessment requirements for AHCBEK203 Open and reassemble a beehive |
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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 two occasion 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 and used appropriate personal protective equipment * 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 |
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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 * 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 * personal protective equipment * 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 * personal protective equipment * mechanical handling equipment * specifications: * workplace instructions/job specification * access to specific bee related quarantine regulations and biosecurity codes 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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