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. |

| AHCBEK204 | Construct and maintain beekeeping components |
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| Application | This unit of competency describes the skills and knowledge required to identify damaged beehives and construct and repair components safely within biosecurity and legislative requirements.  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 construct or repair beehives | 1.1 Identify required materials and equipment  1.2 Check beehive components are suitable for use  1.3 Remove faulty components and replace, repair or discard  1.5 Identify and report work health and safety hazards and risks  1.4 Select, check and use suitable personal protective equipment appropriate to the task |
| 2.Construct or repair beehives | 2.1 Inspect beehives to identify necessary repairs, scope of job, materials and tools required  2.2 Treat hive components where visual inspection or testing indicates presence of pests or diseases according to workplace biosecurity measures  2.3 Assemble or repair beehive components according to workplace practices  2.4 Apply preservation treatments to beehive components appropriate for materials used according to workplace procedures  2.5 Mark beehive 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 and waste management procedures  3.2 Clean, maintain and store equipment  3.3 Report or record work outcomes 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 |
| Reading | * Reads and interprets basic hive and components plans and drawings |
| Writing | * Uses clear language and correct concepts and terminology to ensure clarity of meaning when reporting or completing workplace records |
| Numeracy | * Performs basic mathematical calculations required to interpret hive plans and measure, fit and join hive components. |
| Navigate the world of work | * Recognises workplace expectations and follows explicit protocols and procedures |
| Get the work done | * Follows clearly defined instructions and sequencing, and monitors own progress for the task, seeks assistance when necessary |

| Unit mapping information | | | |
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| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCBEK204 Construct and repair beehives and components | AHCBEK204A Construct and repair beehives | Updated to meet Standards for Training Packages  Minor changes to Performance Criteria for clarity  Minor change to title to reflect current industry terminology | 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 | |
| --- | --- |
| AHCBEK204 | Construct and maintain beekeeping components |
| 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 [text] including:   * recognised hive components and those requiring repair * assembled construction materials and tools * checked that components present no biosecurity risk to the environment or apiculture products * selected and used tools appropriate to the task * constructed and repaired beehives and applied required preservation treatments * marked beehive components as they are constructed or repaired according to legislative requirements * cleaned and maintained equipment 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:   * principles and practices of beehive construction and repair * construction and health standards that have to be maintained for beehives in broad terms * hive components and the materials required to construct or repair them * biosecurity issues with used hive components and treatments * hive components preservation materials and techniques * legislative requirements for identifying bee hive ownership * mandatory and workplace record keeping systems. |

| 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 * 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: * use of specific workplace documents such as policies, procedures, processes, records as appropriate * use of manufacturer’s operating instructions for specific tools and equipment used * access to specific safety data sheets for preservatives and treatments * use of workplace instructions/job specifications * access to specific legislation/codes of practice for hive identification and bee biosecurity * Use of construction plans and drawings for hive component * relationships: * team member(s)/supervisors or realistic scenarios or role plays for reporting * timeframes: * according to the job requirements   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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