Modification history

| Release | Comments |
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| 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. |

| AHCBEK405 | Select and establish an apiary site |
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| Application | This unit describes the skills and knowledge required to evaluate and analyse potential honey production sites and select, establish and evaluate an apiary site.  The unit applies to experienced beekeepers who analyse nectar flow and likely honey production exercising judgement to complete a range of specialist activities requiring a thorough understanding in honey production. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems.  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.Plan to select and establish an apiary site | 1.1 Establish criteria for selecting a site  1.2 Identify suitable locality in which to search for site  1.3 Gather and analyse information for potential sites in selected locality  1.4 Identify criteria to assess the suitability of the site |
| 2.Select the apiary site | 2.1 Analyse data collected and select suitable site  2.2 Determine capacity of available flora to support desired number of hives  2.3 Prepare a plan to establish an apiary at the selected site  2.4 Select precise areas to establish an apiary within the site  2.5 Ensure appropriate permissions are obtained to locate apiary |
| 3.Establish the apiary at the selected site | 3.1 Select and use personal protective equipment and ensure its serviceability  3.2 Select tools and equipment required and ensure serviceability  3.3 Identify work health and safety hazards and risks and implement controls to minimise risk  3.4 Move beehives on site according to safe handling procedures  3.5 Observe and record the access of bees to floral sources and water, of colony strength and honey production  3.6 Monitor the suitability of the site and reposition hives according to honey production and bee activity  3.7 Record results of inspections and any remedial action according to biosecurity and production 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 | * Analyses maps and other documentation and consolidates information to identify and select suitable apiary sites |
| Writing | * Documents outcomes of site performance and activities using industry terminology |
| Numeracy | * Performs mathematical calculations to analyse potential honey production and costs for selected site |
| Navigate the world of work | * Accepts responsibility and ownership for selecting a site and makes decisions on suitability and coordination of resources * Following explicit and implicit policies, procedures and legislative requirements |
| Interact with others | * Selects and uses appropriate conventions and protocols when communicating with persons when seeking permission for site |
| Get the work done | * Makes routine decisions and implements standard procedures for site selection tasks and resources |

| Unit mapping information | | | |
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| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCBEK405 Select and establish an apiary site | AHCBEK405A Select and establish an apiary site | 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 | |
| --- | --- |
| AHCBEK405 | Select and establish an apiary site |
| Performance evidence | |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.  There must be evidence that the individual has demonstrated site selection and establishment of an apiary site including:   * assessed honey production and apiary requirements and identified suitable sites * analysed site options and selected site according to production criteria * determined apiary orientation and layout to meet requirements * identified and assessed safety issues and established controls * moved and located beehives in the apiary on the selected site. | |

| 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 apiary site selection including: * relevant planning and land use regulations and permissions * proximity to flora, water, general public, animals, gates, stockyards and movement of the sun * accessibility of the site * nearby land use * protection from extreme environmental conditions * nutritional and other requirements of a bee colonies * sources of information for selecting potential sites * hazards and risks associated with establishing apiaries including personal protective equipment (PPE) * tools and equipment for handling bees and beehives in an apiary * types of flora for the production of pollen and nectar flow * apiary records and recording systems * relevant bee keeping codes of practice. |

| Assessment conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * skills must be demonstrated with an active apiary or an environment that accurately represents workplace conditions * resources, equipment and materials: * use of live bees in hives * use of hive and apiary tools * use of specific items of personal protective equipment * specifications: * use of specific workplace documents such as, procedures and processes * use of workplace specifications for honey production * access to specific legislation/codes of practice] * relationships: * real landowner or realistic scenarios or role plays for seeking permissions * timeframes: * according to seasonal variations.   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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