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. |

| AHCBEK304 | Remove a honey crop from a hive |
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| Application | This unit of competency describes the skills and knowledge required to separate bees from mature honey comb and remove the full comb from the hive for transport to the extracting facility.  The unit applies to beekeepers who take responsibility for their own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources.  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 remove honey | 1.1 Obtain tools and equipment and ensure serviceability  1.2 Identify work health and safety hazards, assess risks and implement control measures  1.3 Select, ensure serviceability and use personal protective equipment (PPE)  1.4 Comply with food safety requirements  1.5 Observe site quarantine or biosecurity protocols  1.6 Determine ripeness of honey to ensure it is mature enough to be harvested  1.7 Ensure withholding periods are met for medications and treatments before harvest  1.8 Plan the time and location of honey harvest according to workplace harvesting procedures  1.9 Consider the factors affecting the quantity of honey when removing come from the hive |
| 2.Remove honey from the hive | 2.1 Consider, select and implement suitable methods for removing bees from mature honey reserves  2.2 Consider, select appropriate tools and equipment and implement suitable methods for removing honey crop from hives  2.3 Ensure honey comb removal methods prevents contamination and maintains desired quality standards  2.4 Transport mature honey comb to be extracted |

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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 | * Takes responsibility for following explicit and implicit policies, procedures and regulatory requirements for harvesting and maintaining food safety |
| Get the work done | * Takes responsibility for planning, sequencing and prioritising tasks for efficient honey harvest process * Makes operational decisions when considering and implementing honey removal activities |

| Unit mapping information | | | |
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| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCBEK304 Remove a honey crop from a hive | AHCBEK304A Remove a honey crop from a hive | 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 | |
| --- | --- |
| AHCBEK304 | Remove a honey crop from a hive |
| 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 removed a mature honey crop from a hive including:   * assessed work safety hazards and risks and implemented control measures when working around bees * selected and used appropriate personal protective equipment (PPE) * determined the maturity and volume of honey on comb and its readiness for harvest * handled comb filled with honey to prevent contamination and maintain quality * selected and use the most suitable methods for removing bees from honey-filled comb * selected and use appropriate techniques to remove honey filled comb from hives and loaded for transport * used safe manual and/or mechanical handling techniques * transported honey comb safely ready for extraction. | |

| 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 removing honey filled frames from hives * impact of colony, type of honey and apiary site on the quality of honey, planning and timing of removal * methods of removing bees from honey filled comb and supers * handling honey and food handling safety requirements * indicators of ripe honey and adequately filled comb * hive medications and/or treatments and their effect on honey harvesting * potential contaminants of mature honey and the effect on honey quality * methods for securing and transporting mature honey comb. |

| 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 or an environment that accurately represents workplace conditions * resources, equipment and materials: * bee hives with mature honey * live bees * use of specific items of personal protective equipment * chemicals, equipment and/or tools used for removing bees from mature comb according to process used * specifications: * use of specific workplace procedures or processes for honey removal * access to specific safety data sheets * use of workplace instructions/job specifications * access to specific food safety regulations * timeframes: * within a specific time period to minimise colony 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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