



**Australian Government**

# **AHCBEK311 Transport bee hives by road to new apiary site**

**Release: 1**

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## Modification History

Release	Comments
Release 1	This version released with Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.

## Application

This unit of competency describes the skills and knowledge required to prepare, load and transport live bee colonies (hives) by road transport between apiary sites.

The unit applies to beekeepers who operate apiaries under broad direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and to solve problems.

State and territory legislation, regulations and local government by-laws apply in some jurisdictions to beehive ownership.

The transport, siting and cross border movement of livestock including bee hives and must comply with state and territory transport, quarantine and biosecurity legislation, regulations and codes of practice.

No vehicle licensing is required for individuals undertaking the work described in this unit. Where an individual is the nominated transport vehicle owner or driver, state and territory legislation, regulations, licencing and registration apply.

## Pre-requisite Unit

Nil

## Unit Sector

Beekeeping (BEK)

## Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan road transport of hives to new apiary	1.1 Identify destination and determine best route according to vehicle capability, job specifications, welfare of bees and health and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
site	<p>safety in the workplace procedures</p> <p>1.2 Calculate travel time and estimate time of arrival</p> <p>1.3 Identify environmental hazards and assess environmental risks that impact on hive health during transport</p> <p>1.4 Identify and assess health and safety risks for other road users</p> <p>1.5 Prepare a hive transport plan and management strategy to address identified environmental risks to bee health and safety of people that may contact bees on route</p> <p>1.6 Complete documentation for permits according to workplace procedures and regulations</p>
2. Prepare bee colonies for transport.	<p>2.1 Assess each hive for health and suitability for transport according to biosecurity procedures</p> <p>2.2 Check hive structural stability in preparation for transport</p> <p>2.3 Secure hive components according to workplace procedures</p> <p>2.4 Secure the bees according to transport plan and hive management strategy</p> <p>2.5 Clean hives of soil and weed contaminants according to biosecurity procedures</p>
3. Prepare vehicle for transport	<p>3.1 Conduct vehicle operational checks according to workplace procedures</p> <p>3.2 Prepare vehicle for transport conditions according to terrain, route and workplace procedures</p> <p>3.3 Select and stow equipment and resources required for hive transport activities according to workplace procedures</p> <p>3.4 Conduct biosecurity activities on vehicle, tools and equipment according to workplace procedures</p>
4. Load and secure bee colonies	<p>4.1 Load the hives onto transport vehicle according to health and safety in the workplace requirements and hive handling procedures</p> <p>4.2 Orient the hive on vehicle according to transport plan and hive management strategy</p> <p>4.3 Secure the load according to workplace procedures and transport regulations</p>
5. Transport and	5.1 Transport bee hives to new apiary site according to workplace

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
monitor bee colonies	<p>procedures and traffic regulations</p> <p>5.2 Implement safety procedures to protect other road users according to hive transport plan</p> <p>5.3 Monitor bee activity during scheduled transport breaks and take appropriate action according to management strategy</p> <p>5.4 Check load stability and rectify according to road conditions and workplace procedures</p>
6. Unload and reinstate hives	<p>6.1 Release the load safely according to hive transport procedures</p> <p>6.2 Remove hives from transport vehicle according to health and safety in the workplace requirements, hive handling procedures and hive transport plan</p> <p>6.3 Place hives according to apiary requirements and workplace procedures</p> <p>6.4 Reinstate hives according to hive management strategy</p>
7. Record and report on transport activity	<p>7.1 Assess and review the performance of the transport plan and hive management strategy</p> <p>7.2 Report on performance elements according to workplace procedures</p> <p>7.3 Update records for transport activity according to workplace procedures</p>

## 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.*

Skill	Description
Reading	<ul style="list-style-type: none"> <li>Interpret livestock transport regulations to identify specific compliance requirements applicable to bee hive transport</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Complete workplace documentation using appropriate terminology and in required format</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Interpret numerical information including distance, time, travel speed, weight, temperature, and humidity to create transport plan and monitor</li> </ul>

Skill	Description
	bee transport activities
Navigate the world of work	<ul style="list-style-type: none"><li>• Takes personal responsibility for following explicit and implicit policies, procedures, legislative requirements and industry codes of practice</li><li>• Identifies and acts on issues that contravene relevant policies, procedures and legal requirements</li></ul>
Get the work done	<ul style="list-style-type: none"><li>• Plans and implements routine tasks and workload deciding the sequencing and timing of bee hive loading, transporting and unloading activities</li></ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCBEK311 Transport bee hives by road to new apiary site	Not applicable	New unit	No equivalent unit

## Links

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