



Australian Government

Assessment Requirements for 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.

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 transported hives by road to an apiary site, including:

- prepared a hive transport plan, determined hazards to bees and people and prepared a hive management strategy for transporting bees to a new apiary site
- assessed suitability and condition of hives for road transport and secured hives and components ready for transport
- selected equipment and resources required for transit of bee hives and prepared vehicle according to workplace procedures and biosecurity requirements
- loaded and secured hives according to workplace procedures and transport regulations
- transported hives according to public safety and traffic regulations
- monitored load security and bee health during transport
- removed bee hives safely according to workplace procedures and positioned and reinstated hives according to apiary site plan
- completed documentation and permits and complied with biosecurity and regulatory requirements
- updated records, assessed, reviewed and reported on the transport plan.

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:

- basic map reading and navigation skills to determine route parameters and transport plan, including:
 - road conditions
 - route efficiencies
 - journey duration and estimated time of arrival

- access to transport vehicle services e.g. fuel, water, air
- critical factors that affect hive health during transit, including:
 - weather and other environmental factors
 - travel time
 - road conditions
 - vibration
 - distance from previous apiary
- vehicle preparation for bee safety and vehicle operation, including:
 - tyre pressure for bee health, terrain and road conditions
 - exhaust fumes
 - pre-start checks
- transport methods for hives, including:
 - open hives
 - closed hives
 - covers and netting
 - barrier system
- transporting bee colonies and effect on health and biosecurity, including:
 - ventilation
 - water
 - loose frames
 - recognising bee disorders and distress during transport and remedial actions required
- techniques and equipment for securing hives for transport, including:
 - moving and handling hives for transport vehicle and safety
 - hive orientation on transport vehicle and impact on hive management
 - securing load techniques, load restraint procedures and transport regulations
 - vehicle load limits
 - unloading procedures
- managing live bee loads during stops, including:
 - fuel stops
 - mandatory rest periods
 - checking load movement and stability
- other road users safety when transporting live bees, including:
 - night road workers and work lights
 - police and road transport authority checks
 - weigh bridges
 - accidents and emergencies
 - emergency services
 - quarantine checkpoints
 - ferry crossings
 - urban areas

- general public approaching the transporting vehicle
- strategies to mitigate safety concerns for other road users, including:
 - signage and placarding
 - accident emergency procedures
 - communication and notification procedures
- hive manipulations to prepare for transport and restore hives to operational conditions after arrival
- assessing and reviewing transport plan and hive management strategies
- permits and regulations for transporting live bees, including:
 - biosecurity requirements
 - health certification
- record keeping and reporting procedures for bee transport
- health and safety procedures and requirements for transporting and handling hives.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - an active apiary with hives to be transported or an environment that accurately represents workplace conditions
 - an apiary site prepared and ready to receive hives
- resources, equipment and materials:
 - health and safety equipment for transporting and handling bees
 - hives with live bees
 - hive tools and equipment used for transporting hives
 - vehicle for loading and transporting bee hives
 - loading and unloading tools and equipment
 - resources to secure bee hive loads to vehicles
- specifications:
 - work procedures for transporting bee hives, including safe work practices, bee handling and management, environmental requirements
 - information on equipment and vehicle carrying capacity and operating parameters
 - specifications, control points and parameters for handling and assessing bee health
 - documentation and recording requirements and procedures
 - access to biosecurity codes of practice, quarantine and transport regulations.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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