



Australian Government

Assessment Requirements for AHCBEK205 Prepare and use a bee smoker

Release: 1

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Modification History

| Release | Comments |
|-----------|---|
| Release 1 | This version released with AHC 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 operated a bee smoker including:

- confirmed work activity with supervisor
- identified and confirmed that the conditions are appropriate for using a bee smoker
- checked bee smoker equipment is available and serviceable
- identified hazards and risks and used personal protective equipment (PPE) and safe work practices to minimise risk
- ensured fire prevention procedures were carried out
- anticipated defensive behaviour of bees and monitored and applied smoke to control bee behaviour
- selected and ignited suitable fuel for smoker keeping it alight and functioning while carrying out bee husbandry tasks
- used and shut down bee smoker safely after completing operations according to regulations and workplace fire prevention 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 using smoke on bees to pacify behaviour
- types of bee smokers and their use and advantages/disadvantages, including:
 - bellows (traditional)
 - electric fan operated
 - electric ignition
- types of smoke and the effect on bees and hive products
- suitable bee safe fuel and ignition procedures

- operation of bee smokers and the effect of weather and environmental conditions on the safe use of smoker including fire prevention activities
- fire restrictions and regulations that impact on use of bee smokers, including:
 - permits and exemptions
 - applications for exemptions
- health and safety hazards and risks and their controls when using smokers.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a functioning apiary with live bees or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - bee smoker and apiary tools for manipulating hives
 - access to live bees
 - PPE
- specifications:
 - access to specific regulations and permits relevant to the lighting and operating bee smokers within work area.

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>