

Overview

This standard covers the monitoring and maintenance of a honey bee hive. The aim is to ensure the maintenance of the hive to produce a strong healthy colony of bees for the production of honey. This standard is suitable for those involved in monitoring and maintaining a honey bee hive.

Performance criteria

You must be able to:

1.
assess the risks associated with the activity to be carried out
 - 1.1
wear suitable clothing and personal protective equipment (PPE)
 - 1.2
identify whether the conditions are appropriate for the honey bee

Knowledge and understanding

You need to know and understand:

1.
how to identify hazards and assess risks
 - 1.1 the type of clothing and personal protective equipment (PPE)

Glossary

Adult bees:

- worker
- drone
- queen

Beekeeping activities:

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use of a smoker

assembly of a hive

removal of hive parts (roof, crown board, suppers, brood combs)

collection of honey

packaging

food labelling

cleaning hive components

Beekeeping equipment:

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Monitor and maintain a honey bee hive

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hive

smoker

fuel

personal protective equipment

hive tool

queen excluder

feeder

Brood:

- eggs
- larva
- sealed brood in combs

Cell: hexagonal section of a honey comb, storing pollen, nectar and

honey

Communication methods used by bees:

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e.g. food sharing

dancing

scenting

vibration

Emergency:

- unhealthy brood
- sting
- swarm

Hygiene practices:

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protective clothing

hand washing

personal illness

cuts and wounds

Pests, diseases and disorders:

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Monitor and maintain a honey bee hive

European foul brood

sac brood

bald brood

drone brood

chalk brood

amoeba

starved colony

chilled or overheated colony

plant poisoning

pesticide poisoning

Monitor and maintain a honey bee hive

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