

<b>Title</b>	<b>Identify and describe beehive construction equipment, and construct and repair beehives</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe the equipment and materials used for beehive construction; and identify and assemble equipment, and construct and repair beehive boxes and frames.
----------------	--

<b>Classification</b>	Agriculture > Apiculture
-----------------------	--------------------------

<b>Available grade</b>	Achieved
------------------------	----------

### Guidance Information

- 1 Legislation and standards relevant to this unit standard includes but is not limited to:
  - Agricultural Compounds and Veterinary Medicines Act 1997;
  - Animal Products Act 1999;
  - Biosecurity Act 1993;
  - Biosecurity (National American Foulbrood Pest Management Plan) Order 1998;
  - Food Act 2014;
  - Food Standards Code and Food Standard: Tutin in Honey 2016;
  - Health and Safety at Work Act 2015;
  - Council bylaws for keeping bees in residential areas; and any subsequent amendments.
  
- 2 Definition
 

*Workplace procedures* refer to the policies and procedures set down by the employer or organisation on workplace safety for beehive construction, repair, and maintenance.
  
- 3 Workplace procedures must be consistent with the following references – Goodwin, Mark, *Elimination of American Foulbrood Disease without the use of Drugs: A Practical Manual for Beekeepers* (Otaki, New Zealand: National Beekeepers Association of New Zealand Inc., revised edition 2018) (also referred to as The Beekeeper’s Manual); and Goodwin, Mark and Taylor, Michelle, *Control of Varroa – A Guide for New Zealand Beekeepers* (Wellington, New Zealand: New Zealand Ministry of Agriculture and Forestry, revised edition 2007). All references are available from Apiculture NZ, PO Box 25207, Wellington 6146, New Zealand <http://apinz.org.nz/contact/> or email [info@apinz.org.nz](mailto:info@apinz.org.nz) ph + 64 4 471 6254.

- 4 For the purposes of assessment:
- evidence for the practical components of this unit standard must be supplied from the workplace;
  - evidence must be presented in accordance with workplace procedures.

---

## Outcomes and performance criteria

### Outcome 1

Describe the equipment and materials used for beehive construction.

#### Performance criteria

- 1.1 Describe bee space in relation to the Langstroth removable frame beehive.
- 1.2 Describe the different parts to a beehive and the preservatives used to treat beehives.

### Outcome 2

Identify and assemble equipment, and construct and repair beehive boxes and frames.

#### Performance criteria

- 2.1 Identify and assemble the equipment and materials for beehive box and frame construction and repair.
- 2.2 Construct beehive boxes and assemble frames.
- 2.3 Repair beehive boxes and frames.
- 2.4 Treat constructed beehive boxes with appropriate preservatives in accordance with manufacturer's recommendations.

<b>Replacement information</b>	This unit standard replaced unit standard 19883 and unit standard 19884.
--------------------------------	--

<b>Planned review date</b>	31 December 2025
----------------------------	------------------

#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	14 December 2017	31 December 2022
Review	2	24 September 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0052
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

---

### Comments on this unit standard

Please contact the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.