

Title	Demonstrate knowledge of Māori temperature control systems for crop storage and ngā whare Māori		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: explain Māori temperature control systems in relation to crop storage; explain Māori temperature control systems in relation to ngā whare Māori; explain how Māori maintained temperature in accordance with local practices and the local environment and explain a traditional and contemporary whare Māori and evaluate the temperature control systems used.
----------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Classification	Whenua > Te Whakamahi Whenua
-----------------------	------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- Where the local rohe is occupied by a number of iwi or hapū, the tangata whenua or mana whenua view will take precedence. Other iwi or hapū views should be encouraged in order to enrich and enhance understanding of key Māori concepts and practices
- Descriptions and explanations can be presented in a number of ways that may include but are not limited to: oral presentations; visual presentations; written presentations; whakaari; waiata and haka.
- Definitions
Māori temperature control system refers to systems that assisted Māori to vary the temperature for a specific purpose.
Crop storage methods refer to different methods that Māori utilised to store their crops.
Tikanga refers to the appropriate or 'right' ways or practises that are associated with crop storage methods.
Whare Māori refers to traditional Māori houses e.g. wharepuni, wharekai, pātaka.

Outcomes and performance criteria

Outcome 1

Explain Māori temperature control systems in relation to ngā whare Māori.

Range may include but not limited to – earth, geothermal, wood, raupō, toitoi, rarauwhe/bracken, grasses, rocks; evidence of three is required.

Performance criteria

- 1.1 Explanation describes three Māori temperature control systems for ngā whare Māori.
- 1.2 Explanation describes effectiveness of three Māori temperature control systems used for whare Māori.

Outcome 2

Explain Māori temperature control systems in relation to crop storage.

Performance criteria

- 2.1 Explanation describes tikanga associated with crop storage.
- Range tikanga – cultural concepts, first principles, best practices, evidential influences' evidence of one is required.
- 2.2 Explanation describes three Māori temperature control systems related to crop storage.
- Range explanation must include aspects related to the food value, the retention of tolerable safety levels for human and animal consumption.
- 2.3 Explanation describes appropriate temperature control systems used for different crops.
- Range at least three different crops.

Outcome 3

Explain how Māori maintained temperature in accordance with local practices and local environment.

Performance criteria

- 3.1 Explanation describes three temperature maintenance strategies used by Māori.
- Range variability of temperature control application.
- 3.2 Explanation describes temperature maintenance strategies in a local environment in accordance with local practices.
- 3.3 Explanation describes effectiveness of temperature maintenance strategies used by Māori.

Outcome 4

Explain a traditional and contemporary whare Māori and evaluate temperature control systems used.

Performance criteria

- 4.1 Explanation describes a traditional and contemporary whare Māori.
- Range explanation must refer to functional role, notions and ideas used in design construction and maintenance of a whare Māori.
- 4.2 Explanation describes the temperature control system used in traditional and contemporary whare Māori.
- 4.3 Explanation evaluates effectiveness of temperature control systems used in traditional and contemporary whare Māori.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 June 1999	31 December 2015
Revision	2	10 October 2002	31 December 2015
Rollover and Revision	3	12 December 2013	31 December 2017
Review	4	19 November 2015	31 December 2023
Rollover and Revision	5	27 June 2019	31 December 2023
Review	6	25 March 2021	31 December 2023

Consent and Moderation Requirements (CMR) reference	0226
------------------------------------------------------------	------

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