

Title	Explain the environmental effects of industries on natural resources and Māori		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to explain the environmental effects of industries on natural resources and Māori.
----------------	---

Classification	Environment Māori > Māori Environmental Management
-----------------------	--

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

Guidance information

- 1 Where local rohe are also occupied by a number of other iwi or hapū, the tangata whenua or mana whenua view should take precedence. Other iwi or hapū views should be encouraged in order to enrich and enhance understanding of key Māori concepts and practices.
- 2 Assessment against this unit standard can be conducted in a number of ways that may include, but is not limited to – oral presentations, visual presentations, written presentations, whakaari, waiata, haka.
- 3 Industries include: agricultural, horticultural, extractive, energy, tourism.
Agricultural industries may include but are not limited to activities such as – cropping, grazing, mixed farming.
Horticultural industries may include but are not limited to activities such as – orchard produce, market gardening, organic, viticulture.
Extractive industries may include but are not limited to activities such as – quarrying, mining, forestry.
Energy industries may include but are not limited to activities such as – hydro, bio fuels, wind farms, geothermal power, wave power, solar power, mining.
Tourism industries may include but are not limited to activities such as – water activities, geothermal activities, sight seeing, ecotourism.
- 4 Web-based references may include but are not limited to –
www.mpi.govt.nz
www.mbie.govt.nz/
www.doc.govt.nz.

Local and national libraries, district and regional offices, industry-related websites, iwi websites are also recommended. Please read the privacy rights section on some websites for guidance around property rights to the information.

- 5 Important Māori concepts applicable to this unit standard are:

Kaitiakitanga – refers to Māori environmental management systems evolved to protect and enhance the mauri of taonga and ensure the sustainable use and management of natural and physical resources.

Mana – the practice of kaitiakitanga is carried out by iwi and hapū through the exercise of iwi and hapū mana, embodied in the concept of tino rangatiratanga. Mana is derived from mana atua, mana whenua, and mana tupuna.

Taonga – natural resources are taonga. Māori share a common whakapapa with taonga, and therefore share a strong sense of responsibility and reciprocal obligations toward taonga. This forms an important part of a holistic world view. All taonga are interrelated, interconnected, and interdependent. The mauri of taonga must be protected. The sustainable management of taonga is therefore paramount.

Outcomes and performance criteria

Outcome 1

Explain the environmental effects of industries on natural resources and Māori.

Range evidence of one type of activity from one chosen industry and one type of activity from tourism is required.

Performance criteria

1.1 The positive and negative effects of the industries on natural resources are explained in terms of the effects on the social, economic and cultural well-being of Māori.

Range evidence of two positive and two negative effects is required.

1.2 Solutions to either avoid or remedy and mitigate negative environmental effects are explained in terms of the effects on the social, economic and cultural well-being of Māori.

Range evidence of one solution for each negative effect is required.

Replacement information	This unit standard replaced unit standard 16350.
--------------------------------	--

Planned review date	31 December 2025
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 December 2010	31 December 2017
Review	2	19 November 2015	31 December 2023
Rollover and Revision	3	27 June 2019	31 December 2023
Review	4	25 March 2021	N/A

Consent and Moderation Requirements (CMR) reference	0166
--	------

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

Comments on this unit standard

Please contact NZQA Māori Qualifications Services mqs@nzqa.govt.nz if you wish to suggest changes to the content of this unit standard.