

**40927****Lead conservation activities**

<b>Kaupae   Level</b>	4
<b>Whiwhinga   Credit</b>	15
<b>Whāinga   Purpose</b>	<p>This skill standard is for ākonga/learners who want to gain skills and knowledge for general and team roles in conservation in Aotearoa New Zealand.</p> <p>Ākonga/learners credited with this standard will be able to develop skills and knowledge to lead and support conservation activities. They will be able to apply kaitiakitanga and conservation principles in Aotearoa New Zealand.</p> <p>This skill standard may be used in programmes leading to qualifications and credentials for conservation.</p>

**Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria**

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Summarise the responsibilities and operational scope of a conservation lead role.	a. Outline the responsibilities of a conservation team lead role.
	b. Outline the operational scope of a conservation activity.
	c. Describe the communication requirements of the lead role's key functions.
2. Contribute to the planning and preparation of a conservation activity.	a. Assist in developing a conservation operational plan that includes environmental goals, risk management, kaitiakitanga and resource requirements for a conservation activity.
	b. Prepare and check tools, materials, PPE, and conservation site according to activity and safety requirements.
	c. Select and prepare appropriate personal gear and resources for the conservation activity and environmental conditions.

Hua o te ako   Learning outcomes	Paearu aromatawai   Assessment criteria
3. Demonstrate leadership and safety management in a conservation activity.	a. Deliver safety, environmental and cultural briefings tailored to the conservation activity and participant group.
	b. Conduct checks of personal and group equipment, including biosecurity measures as required.
	c. Demonstrate group management techniques that support safety, inclusivity, and environmental awareness.
	d. Support the implementation of the conservation operational plan, including time and task management and people management while modelling conservation ethics and safe practices.
	e. Adapt conservation activity in response to weather, environmental conditions, participant needs or unforeseen challenges and monitor and respond to participant wellbeing and environmental conditions.
	f. Assist in evaluating the outcomes of the conservation activity and contribute to post-activity review.

### Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

#### *Assessment specifications:*

All assessments must take place during a conservation activity.

Ākonga/learners will be assessed carrying out the conservation activity and must follow health, safety, and environmental protocols throughout conservation and monitoring activities including appropriate protective personal equipment (PPE), handling equipment responsibly and minimising disturbance to the environment.

Assessment criteria are carried out in accordance with kaitiakitanga, organisational health and safety requirements, and assessment evidence must reflect industry practice.

Appropriate PPE may include:

- Helmets
- Safety boots
- Gloves
- High-visibility clothing
- Eye protection.

## Definitions

- *Kaitiakitanga* in this standard means the sustainable custodial treatment of the environment in accordance with the tikanga and kawa of local iwi or hapū.
- *Tikanga* refers to practices and values from mātauranga Māori including wāhi tapu (sacred sites) and culturally appropriate practices during conservation activities.
- *Kawa* refers to protocol or customs particularly relating to marae protocol.

## Ngā momo whiwhinga | Grades available

Achieved

## Ihirangi waitohu | Indicative content

### General

- Local tikanga and kawa.
- Appropriate equipment as per current industry best practice for conservation activity.
- Safety considerations for the activity including safety briefings, participant information, group gear, shelter, nutritional and hydration needs.
- Group leadership and management of group.
- Personal and group gear appropriate to the conservation activity.
- Conservation operational plan and review process.
- Appropriate communication throughout the activity.

### Conservation activities

- Ecosystem restoration: native planting; pest control; erosion management; wetland restoration.
- Pest control (plant or animal) or result monitoring e.g. setting traps, checking monitoring tunnels, removing invasive plant species from ecosystems.
- Track or trail maintenance.
- Outcome monitoring e.g. permanent plot measures.

## Rauemi | Resources

All learning and assessment within this skill standard must be carried out in accordance with the following:

- Legislation including [Conservation Act 1987](#), [National Parks Act 1980](#), [Reserves Act 1977](#), [Health and Safety at Work \(HSW\) Act 2015](#), [Health and Safety at Work \(Hazardous Substances\) Regulations 2017](#).
- WorkSafe New Zealand: Health and safety guidance for working in outdoor environments, including the safe use of equipment and management of environmental risks. [Home | WorkSafe](#).
- Worksafe New Zealand: Activity Safety Guidelines [Adventure and outdoor recreation activities – managing the risks from natural hazards | WorkSafe](#).
- Industry Codes:
  - Land Safety Code [NZ Land Safety Code — NZMSC](#).
  - Leave No Trace principles <https://leavenotrace.org.nz>.

- A recognised and approved safety management system including organisational policies and procedures including Emergency Action Plans (EAPs), Standard Operating Procedures (SOPs), incident response management plans and the use of personal protective equipment (PPE).

### Pārongo Whakaū Kouna | Quality assurance information

<b>Ngā rōpū whakatau-paerewa  </b> Standard Setting Body	Toi Mai Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai  </b> DASS classification	Sciences > Environment > Ecological Management
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b> CMR	0099

<b>Hātepe  </b> Process	<b>Putanga  </b> Version	<b>Rā whakaputa  </b> Review Date	<b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment
<b>Rēhitatanga  </b> Registration	1	27 November 2025	N/A
<b>Kōrero whakakapinga  </b> Replacement information	N/A		
<b>Rā arotake  </b> Planned review date	31 December 2030		

Please contact Toi Mai at [qualifications@toimai.nz](mailto:qualifications@toimai.nz) to suggest changes to the content of this skill standard.