

## 40759 Apply safety and risk assessment practices during a conservation activity

<b>Kaupae   Level</b>	2
<b>Whiwhinga   Credit</b>	3
<b>Whāinga   Purpose</b>	<p>Ākonga/learners credited with this standard will be able to apply foundational skills in safety and risk assessment specific to conservation activities.</p> <p>Ākonga/learners will prepare to undertake an activity, identify hazards, assess risks, and apply safety guidelines to safely carry out conservation tasks in a team environment.</p> <p>This skill standard is for ākonga/learners who want to gain skills and knowledge for entry-level roles in conservation in Aotearoa.</p>

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

Hua o te ako   Learning outcomes	Paearu aromatawai   Assessment criteria
1. Prepare for carrying out a conservation activity.	a. Describe own responsibilities within a team in the safety and risk plan.
	b. Identify the required safety guidelines and equipment specific to the activity and site.
2. Apply safety practices during a conservation activity.	a. Follow the safety and risk plan guidelines during a conservation activity.
	b. Use tools and equipment safely.
	c. Use personal protective equipment (PPE) correctly.
3. Demonstrate risk assessment practices during a conservation activity	a. Demonstrate risk assessment practices during a conservation activity
	b. Describe potential consequences and the likelihood of harm for each identified hazard
	c. Evaluate solutions that reduce the level of risk for each identified hazard.

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

#### Assessment specifications:

This skill standard must be assessed during a team conservation activity, under supervision. The supervisor must provide an organisational safety and risk plan including a hazard register for the activity.

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

A minimum of three identified hazards must be provided as evidence.

Appropriate PPE may include:

- helmets
- safety boots
- gloves
- high-visibility clothing
- eye protection.

### **Ngā momo whiwhinga | Grades available**

Achieved.

### **Ihirangi waitohu | Indicative content**

#### **Tools and Equipment**

- Pest Safe handling techniques and any specific usage guidelines.
- Basic maintenance tasks on tools and equipment, such as cleaning, storing, or inspecting for damage, ensuring items are left in good condition for future use.

#### **Conservation Activities**

- Planting and ecosystem restoration: planting native plants, shrubs, and trees in targeted areas to restore ecosystems.
- Pest, (animal, plant) control or monitoring e.g. setting traps, checking monitoring tunnels, removing invasive plant species from ecosystems.
- Waterway and wetlands monitoring.
- Track or trail maintenance.
- Maintenance of historic artefacts.

### **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.

**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> Date	<b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment
<b>Rēhitatanga  </b> Registration	1	26 June 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.