

**1XXXXX    Manage a site for a machine-assisted tree felling operation**

<b>Kaupae   Level</b>	4
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	People with this skill standard will be able to effectively manage a machine-assisted tree felling site. The standard emphasises safety, teamwork, and operational efficiency. Graduates will be skilled in interpreting job prescriptions, worksite procedures, and work plans while ensuring compliance with environmental protection and following acceptable industry practices. They will demonstrate leadership in managing site operations, fostering team communication, and adapting to operational challenges.

**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. Apply job prescriptions and worksite procedures for safe and efficient operations	a. Interpret and follow job prescriptions, worksite procedures, and work plans to ensure alignment with safety and operational guidelines. b. Evaluate terrain, weather, and access points to implement effective site traffic management plan.
2. Ensure compliance with environmental protection measures	a. Identify and mitigate environmental risks. b. Ensure adherence to legal and best-practice environmental standards.
3. Facilitate team communication and collaboration	a. Clarify roles and responsibilities to enhance team cohesion. b. Promote effective communication through tools such as radios and hand signals.
4. Manage site operations and traffic	a. Develop, implement, and monitor plans for machinery and personnel movement. b. Coordinate (Rangatiratanga) resources to maintain safe and smooth site operations.
5. Inspect and maintain machinery for optimal performance	a. Perform routine inspections and maintenance to ensure equipment functionality. b. Foster a culture of accountability in machinery care.
6. Adapt to challenges during felling operations	a. Identify and respond to unexpected challenges, ensuring safety and minimal environmental impact. b. Document and communicate adjustments to maintain team alignment.

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

**Assessment specifications:**

Akōnga/learners must be assessed against this standard in a work environment, using naturally occurring evidence.

All activities and evidence must meet the requirements of worksite procedures and accepted industry practice.

All activities relevant to this standard must reflect ngā kaupapa (the principles) o te Tiriti o Waitangi.

All activities must, as relevant to candidates and/or this standard, reflect the peoples of the Pacific and other cultures, and their world views.

**Definitions:**

- **Accepted industry practice** refers to approved codes of practice and standardised procedures accepted by the wider tree felling industries as examples of best practice.
- **Job prescription** (harvesting plan) refers to a detailed description of the tasks, responsibilities, skills, environmental requirements, and expectations associated with a particular role.
- **PPE** refers to personal protective equipment and may include but is not limited to high-visibility, protective clothing, gloves, face and eye protection, safety helmet, footwear, hearing protection, and safety devices.
- **Worksite procedures** refer to documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, quality assurance procedures, housekeeping standards, procedures to comply with legislative and local body requirements.
- **Kaitiakitanga**: Signifies guardianship and stewardship, highlighting the responsibility to protect and preserve the natural environment for future generations.
- **Kotahitanga**: Denotes unity and collective action, promoting togetherness and solidarity within the community.
- **Rangatiratanga**: Signifies self-determination and leadership, emphasizing autonomy and the ability to make decisions for oneself or one's community.

**Recommended skills and knowledge**

It is recommended that people hold credits for standard [code], [*italicised title*], or demonstrate equivalent skills and knowledge, before being assessed against this standard.

**Ngā momo whiwhinga** | Grades available

Achieved.

**Ihirangi waitohu** | Indicative content

- **Safety Management**: Hazard identification, PPE use, and adherence to site safety protocols.
- **Teamwork**: Kotahitanga effective communication, role clarity, and collaboration.
- **Site Management**: Traffic planning, resource coordination, and Kaitiakitanga environmental compliance.
- **Equipment Maintenance**: Inspection schedules, reporting issues, and preventive care.
- **Problem-Solving**: Risk evaluation, innovative solutions, and adaptation to operational changes.

**Rauemi** | Resources

New Zealand Forest Owners Association, Forest Practice Guides (2019), and any subsequent amendments, available from [www.nzfoa.org.nz](http://www.nzfoa.org.nz).

Safetree wellbeing and safety resources and initiatives for the plantation forestry industry, available from [www.safetree.nz/](http://www.safetree.nz/)

Approved Code of Practice (ACOP) for Safety and Health in Forestry Operations, December 2012, available from [www.worksafe.govt.nz](http://www.worksafe.govt.nz).

Health and Safety at Work (HSW) Act 2015

Heritage New Zealand Pouhere Taonga Act 2014

Resource Management Act 1991

Resource Management (National Environmental Standards for Plantation Forestry) Amendment Regulations 2018

### Pārongo Whakaū Kounga | Quality assurance information

<b>Ngā rōpū whakatau-paerewa   Standard Setting Body</b>	Muka Tangata – People Food and Fibre Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai   DASS classification</b>	Agriculture, Forestry and Fisheries > Forestry > Forest Harvesting
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga   CMR</b>	0173 This CMR can be accessed at: <a href="http://www.nzqa.govt.nz/framework/search/index.do">http://www.nzqa.govt.nz/framework/search/index.do</a>

<b>Hātepe   Process</b>	<b>Putanga   Version</b>	<b>Rā whakaputa   Review Date</b>	<b>Rā whakamutunga mō te aromatawai   Last date for assessment</b>
<b>Rēhitatanga   Registration</b>	1	[dd mm yyyy]	N/A
<b>Arotakenga   Review</b>	<type here>	[dd mm yyyy]	[dd mm yyyy]
<b>Kōrero whakakapinga   Replacement information</b>	N/A		
<b>Rā arotake   Planned review date</b>	[dd mm yyyy]		

Please contact Muka Tangata at [qualifications@mukatangata.nz](mailto:qualifications@mukatangata.nz) to suggest changes to the content of this skill standard.