

40053**Perform a harvesting task for a forestry operation**

Kaupae Level	2
Whiwhinga Credit	5
Whāinga Purpose	<p>Ākonga/learners credited with this standard will have introductory skills and knowledge of harvesting operations and can perform a harvesting task under supervision.</p> <p>This standard is for ākonga/learners who want to gain and apply introductory skills and knowledge in harvesting operations in the forestry industry.</p> <p>This standard has been developed to align with the New Zealand Certificate in Forest Industry Foundation Skills (Level 2) with strands in Harvesting, Silviculture and Earthworks [Ref: 4918].</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Perform a harvesting task for a forestry operation.	a. Perform the selected harvesting task under supervision.
	b. Explain decision-making relevant to the selected harvesting task under supervision.

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

The requirements of this standard are consistent with the New Zealand Certificate in Forest Industry Foundation Skills (Level 2) with strands in Harvesting, Silviculture and Earthworks [Ref: 4918].

Practical tasks in this skill standard may be assessed in a forestry workplace or using scenarios that realistically reproduce the conditions of a forestry workplace.

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

Harvesting tasks can be scenario/simulation based, selected and performed under supervision.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content**Safety and risk management**

- Safety procedures e.g. adherence to safety protocols specific to the logging industry.
- Hazard identification and mitigation e.g. recognizing and mitigating potential dangers associated with logging operations.
- Environmental awareness e.g. identifying and mitigating environmental impacts and complying with regulations.

Equipment and machinery operations

- Operation of logging equipment e.g. familiarity with equipment such as chainsaws, skidders, cable yarders, and carriage systems.
- Equipment maintenance e.g. basic maintenance and upkeep of logging machinery to ensure safety and efficiency.
- Rigging (Cable Logging) e.g. proper rigging of cables, attachments, and related equipment for safe and efficient log extraction.

Forestry Techniques

- Tree felling and limbing e.g. safely and efficiently felling trees and preparing them for extraction.
- Log handling e.g. loading, unloading, stacking, and securing logs for transport.
- Site planning e.g. organizing and planning the worksite for efficient logging operations.

Environmental and sustainable practices

- Environmental regulations and compliance e.g. awareness of and adherence to environmental regulations and practices.
- Sustainable forestry practices e.g. promoting responsible resource management and sustainability in the forestry industry.

Communication and teamwork

- Effective communication e.g. communication with team members and supervisors to ensure efficient workflow.
- Team coordination e.g. collaborating with colleagues for safe and productive logging operations.

Harvesting Tasks

- General harvesting tasks suitable for a pre-trade ākonga/learner e.g. basic operation of an excavator, basic operation of a skidder/bulldozer, non-production chainsaw operation.

Rauemi | Resources

- New Zealand Forest Owners Association, Forest Practice Guides (2019), and any subsequent amendments, available from www.nzfoa.org.nz.
- Approved Code of Practice (ACOP) for Safety and Health in Forestry Operations, December 2012, available from www.worksafe.govt.nz.
- Health and Safety at Work (HSW) Act 2015.
- Resource Management Act 1991.
- Resource Management (National Environmental Standards for Plantation Forestry) Amendment Regulations 2018.
- Heritage New Zealand Pouhere Taonga Act 2014.
- Safetree wellbeing and safety resources and initiatives for the plantation forestry industry, available from www.safetree.nz/.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakataue.g.paerewa Standard Setting Body	Muka Tangata – People Food and Fibre Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Agriculture, Forestry and Fisheries > Forestry > Forest Foundation Skills
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0173

Hātepe Process	Putanga Version	Rā whakaputa Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	30 May 2024	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2029		

Please contact Muka Tangata at qualifications@mukatangata.nz to suggest changes to the content of this skill standard.