

40055 Perform an earthworks 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 earthworks operations and can perform a forestry earthworks task under supervision.</p> <p>This standard is for ākonga/learners who want to gain introductory skills and knowledge for earthworks 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 an earthworks task for a forestry operation.	a. Select and prepare an earthworks task under supervision.
	b. Perform the selected earthworks task under supervision.
	c. Explain decision-making relevant to the selected 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 earthworks workplace or using scenarios that realistically reproduce the conditions of a forestry earthworks workplace.

Assessment criteria are carried out in accordance with workplace health and safety requirements.

Forestry earthworks tasks can be scenario and/or 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 forestry earthworks industry.
- Hazard identification and mitigation e.g. recognizing and mitigating potential dangers associated with earthworks operations.
- Basic first aid e.g. knowledge of first aid and emergency response in case of injuries.
- Environmental awareness e.g. identifying and mitigating environmental impacts and complying with regulations.

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 earthworks operations.

Earthworks tasks

- Core construction tasks involving forestry roads, tracks, drainage and landings.
- Maintenance tasks involving preventative maintenance e.g. cleaning and or clearing culvert, digging drains by hand, clearing silt pits, filling potholes, compacting pothole fill, spreading aggregate by hand.
- Rehabilitation tasks involving removing slash from watercourses, directing natural water-flow, re-seeding and planting barren zones, rehabilitating earthworks infrastructure and decommissioning.

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.