

40122 Demonstrate basic operation of a small mobile plant

Kaupae Level	2
Whiwhinga Credit	10
Whāinga Purpose	<p>This skill standard recognises the skills for safe basic operation of a small mobile plant on a level worksite.</p> <p>This skill standard contributes to the New Zealand Certificate in Demolition (Level 3) [Ref: 5058] and may contribute to other programmes of study as appropriate.</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Demonstrate basic operation of a small mobile plant.	a. Personal protective equipment (PPE) is selected and worn according to organisational requirements.
	b. Safety checks are completed, and any issues are reported according to organisational requirements.
	c. Basic operation of a small mobile plant is performed safely on a level worksite.
	d. Small mobile plant is left in working order according to organisational requirements.

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

Assessment specifications:

To achieve this standard, the assessment will be where the person conducting a business or undertaking (PCBU) has provision for a level of supervision to ensure safety of the ākonga and work undertaken.

Basic operation of a small mobile plant includes smooth movement through the vehicle's functions and working range, clearance around obstacles, carrying loads in a safe position, including when reversing, and parking, shutting down and securing the vehicle.

Organisational procedures for the leaving of plant may include identification of issues with plant and actions taken, safety locks.

Small mobile plant refers to machinery under 4500kg. This may include hydraulic excavators, small loaders, skid steers.

The assessment may be carried out on a worksite or in a simulated environment. The small mobile plant may not be used on a public road where a licence endorsement may be required by the driver.

Licence endorsement requirements are specified in the Land Transport (Driver Licensing) Rule 1999, available from www.legislation.govt.nz.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Types, safe use, and limitations of small mobile plant used in construction, demolition, or infrastructure industries.
- Attachments and controls, and their safe use, for small mobile plant.
- Personal protective equipment (PPE) required for operation of small mobile plant.
- Safety checks before use of small mobile plant, including pre-start and 360 walkaround.
- Operation and maintenance requirements for small mobile plant and attachments.
- Safe load positioning.
- Consequences of unsafe operation of small mobile plant.
- Communications with site personnel, including those required in case of emergency.
- Hazard recording and reporting requirements.

Rauemi | Resources

Refer to the Demolition Programme Guidance document which includes resources, definitions, and further information of relevance to this standard, available from qualifications@waihangaarau.nz.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Engineering and Technology > Infrastructure Works > Civil Plant Operation
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0101

Hātepe Process	Putanga Version	Rā whakaputa Review 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 Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaarau.nz to suggest changes to the content of this skill standard.