

Demo-6

Operate small mobile plant under supervision

Kaupae Level	2
Whiwhinga Credit	TBC
Whāinga Purpose	<p>This skill standard is for ākonga who want to learn to operate small mobile plant under supervision.</p> <p>It is for learners new to the construction, demolition, or infrastructure industries.</p> <p>It can be used in the New Zealand Certificate in Demolition (Level 3) [Ref: xxxx] and 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. Prepare for safe operation of a small mobile plant.	a. Select and put on personal protective equipment (PPE) for use of a small mobile plant.
	b. Complete safety checks to make sure control measures are in place before use of a small mobile plant.
2. Operate a small mobile plant safely on a worksite.	a. Move a small mobile plant smoothly through its functions and working range, clear of obstacles.
	b. Carry any materials in a safe load position, including when reversing.
	c. Park, shut down and secure the machine safely.
3. Carry out daily maintenance activities for a small mobile plant.	a. Make sure the small mobile plant is left in working order, ready for the next use.

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

Assessment specifications:

Evidence used for assessment must reflect industry and company requirements.

The assessment may be carried out on a worksite or in a simulated environment.

You must show you can operate a small mobile plant safely on one level worksite.

Small mobile plant refers to machinery under five tonne in weight which may include hydraulic excavators, small loaders, skid steers, fork hoists, small mobile crushers.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Types, safe use, and limitations of small mobile plant used in the construction, demolition, or infrastructure industries.
- Different attachments and controls used with small mobile plant, and their safe use (for example...).
- 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.
- Common safety issues that should be recognised (for example...)
- Operation and maintenance requirements for small mobile plant and attachments.
- Safe load positioning.
- Consequences of unsafe operation of small mobile plant.
- Communication methods, including those required in case of emergency (for example, hand signals, pneumatic horns, handheld radios, traffic wands or torches, signage).
- Hazard recording and reporting requirements.

Rauemi, ārahitanga me ngā whakamāramatanga | Resources, guidance, and definitions

Resources:

New Zealand Restricted Demolition Operations: Best Practice Guidance (May 2023), available at request from <https://www.nzdaa.com/>.