

**NIW01****Carry out a low risk, low impact activity on the road reserve**

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	This skill standard recognises the skills to manage the associated risk while carrying out a low risk, low impact activity, where the primary role is not temporary traffic management but the application of appropriate control measures to manage the associated risk.

**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. Prepare for a low impact, low risk activity on the road reserve.	a. Environment and activity context are identified and recorded.
	b. Content of the risk assessment for the activity is confirmed with relevant stakeholders.
	c. Pre-site planning and pre-site check requirements for the activity are completed.
2. Apply appropriate control measures to a low impact, low risk activity on the road reserve.	a. Revisions for the risk assessment and site-specific check, including briefings, are reviewed, and actioned.
	b. Required trigger points are established and agreement is confirmed by stakeholders to allow for a safe approach and escape routes for vehicles and personnel.
	c. Low risk, low impact activity is carried out in line with the traffic management plan (TMP) requirements, the risk assessment, and organisational requirements.
	d. Low risk control measures are installed, maintained, and uplifted for the activity to be safely undertaken.
	e. On-site records are completed in line with TMP and organisational requirements.

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

*Assessment specifications:*

Assessment will be where the PCBU has ensured there is level of supervision for the skills and knowledge in this skill standard to be demonstrated safely, appropriate to the learner's role and responsibilities for a low risk, low impact activity.

It is expected that ākongā will be assessed for this skill standard while completing a low risk, low impact activity on a live road environment.

This skill standard follows the order of pre-site planning prior to leaving for the low risk, low impact activity, the pre-check prior to the activity being carried out, and the risk assessment review and site-specific safety check as the activity is being carried out.

Activity context refers to the size, duration, location details, contractor working space, contractor TTM, hours of attendance, planned work programme, contractor hours of work, contractor equipment, anticipated vehicle movements, haul routes, site access points, parking requirements, site facilities.

Organisational requirements refer to policy, procedures, and methodologies of the organisation. They include legislative and regulatory requirements that may apply across the organisation or to a specific TTM zone. Requirements are documented in the organisation health and safety plans, traffic management plans (TMPs), practice notes, contract work programmes, quality plans, policies, and procedural documents.

Environment context refers to the transport corridor, the programme, the network users, the natural environment, and neighbours who are the owners of property affected by the activity.

Trigger points are where a person completing an activity is instructed to move to a safe location on the approach of a vehicle, and escape routes for all affected personnel.

### **Ngā momo whiwhinga | Grades available**

Achieved.

### **Ihirangi waitohu | Indicative content**

#### **Pre-site planning**

- The environment and activity contexts.
- Verifying control measures to manage risk and alignment with TMP requirements.
- Pre-site planning and pre-site check requirements.

#### **Application of control measures**

- Site specific safety checks and actioning revisions.
- Confirming exclusion zones, safely entering, and exiting the site in line with TMP requirements.
- Installation, maintenance, and uplift of low-risk control measures.
- Completion of onsite records.

#### **Rauemi | Resources**

- WorkSafe good practice guidelines Keeping healthy and safe while working on the road or roadside. Guidance for PCBUs, available from [www.worksafe.govt.nz](http://www.worksafe.govt.nz).
- Waka Kotahi NZ Transport Agency New Zealand Guide to Temporary Traffic Management, available from [www.nzta.govt.nz](http://www.nzta.govt.nz).
- Programme guidance available from [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz).

#### **Pārongo Whakaū Kounga | Quality assurance information**

<b>Ngā rōpū whakatau-paerewa   Standard Setting Body</b>	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai   DASS classification</b>	Engineering and Technology > Infrastructure Works > Temporary Traffic Management

<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga   CMR</b>	0101
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<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 2024	N/A
<b>Kōrero whakakapinga   Replacement information</b>	N/A		
<b>Rā arotake   Planned review date</b>	dd mm 2029		

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## MW01 Perform mobile operations on the road reserve

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	This skill standard recognises the skills required to perform mobile operations, operating a mobile vehicle, under the supervision of a mobile lead/supervisor for temporary traffic management.

### 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. Explain the requirements for a mobile operation for TTM.	a. The common issues that affect mobile operations.
	b. The functions of key vehicle types for a mobile operation.
	c. The roles and responsibilities of mobile operations personnel.
	d. Mobile operations information within the risk management process and the traffic management plan (TMP).
2. Perform mobile operations on the road reserve.	a. Layout diagrams for the TMP are confirmed as fit for purpose for the mobile operation.
	b. Vehicles and equipment for TTM and communications is prepared and checked as fit for purpose for mobile operation.
	c. Briefings are attended and any additional risks are identified and communicated to the mobile lead/supervisor.
	d. Observations and responses to changing onsite conditions are communicated effectively to the mobile lead/supervisor following organisational requirements.
	e. Mobile vehicle is safely operated following organisational requirements.

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

*Assessment specifications:*

Assessment will be where the PCBU has ensured there is level of supervision for the skills and knowledge in this skill standard to be demonstrated safely, appropriate to the learner's role and responsibilities.

The learner will be assessed driving or directing a work vehicle or other mobile plant on the road reserve using control measures for temporary traffic management (TTM).

Organisational requirements refer to policy, procedures, and methodologies of the organisation. They include legislative and regulatory requirements that may apply across the organisation or to a specific TTM zone. Requirements are documented in the organisation health and safety plans, traffic management plans (TMPs), practice notes, contract work programmes, quality plans, policies, and procedural documents.

Mobile operation refers to an activity or work carried out within the road reserve that is not contained within a fixed site. The vehicle(s) associated with the activity travel along the road in the direction of the traffic flow, usually at slower speed or in a different manner, to normal traffic flow on the road.

Mobile vehicle can be a shadow vehicle, pilot vehicle, or other mobile operations plant.

### **Ngā momo whiwhinga** | Grades available

Achieved.

### **Ihirangi waitohu** | Indicative content

#### **Mobile operations knowledge**

- Common issues that impact on mobile operations.
- Functions of mobile operations vehicles.
- Mobile operator roles and responsibilities.
- Traffic Management Plan requirements for mobile operations.

#### **Mobile operations skills**

- Layout diagrams and risk management process.
- Vehicles, TTM equipment, and communication equipment checks.
- Roles of the mobile operator.
- Changing onsite conditions for TTM.
- Safe operation and positioning of a vehicle for mobile operations.

#### **Rauemi** | Resources

- WorkSafe good practice guidelines Keeping healthy and safe while working on the road or roadside. Guidance for PCBUs, available from [www.worksafe.govt.nz](http://www.worksafe.govt.nz).
- Waka Kotahi NZ Transport Agency New Zealand Guide to Temporary Traffic Management, available from [www.nzta.govt.nz](http://www.nzta.govt.nz).
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**TTMWK****Assist with temporary traffic management on the road reserve**

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	This skill standard recognises the skills required to assist with the installation, maintenance, operation, and uplift of temporary traffic management (TTM) on the road reserve.

**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. Assist with the installation, maintenance, operation, and uplift of TTM on the road reserve.	a. Identified risks when assisting with TTM on the road reserve are explained in line with the traffic management plan (TMP).
	b. Directions and safe practices are followed when assisting with the installation, maintenance, operation, and uplift of TTM.
	c. Communications with TTM workers and the supervisor on the road reserve following organisational requirements.
	d. Vehicle movements and vulnerable road users on the road reserve are actively controlled following organisational requirements.

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

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**Ngā momo whiwhinga | Grades available**

Achieved.

**Ihirangi waitohu | Indicative content**

- Common onsite risks prevalent in the TTM industry and how they cause harm.
- Safe practices for the installation, maintenance, operation, and uplift of TTM.

- Communication methods and skills to relay information to keep people safe.
- Safe practices around approaching traffic, vehicle movements, and vulnerable road users.

#### Rauemi | Resources

- WorkSafe good practice guidelines Keeping healthy and safe while working on the road or roadside. Guidance for PCBUs, available from [www.worksafe.govt.nz](http://www.worksafe.govt.nz).
- Waka Kotahi NZ Transport Agency New Zealand Guide to Temporary Traffic Management, available from [www.nzta.govt.nz](http://www.nzta.govt.nz).
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<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b> CMR	0101

<b>Hātepe  </b> Process	<b>Putanga  </b> Version	<b>Rā whakaputa  </b> Review Date	<b>Rā whakamutunga mō te aromatawai  </b> Last date for assessment
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