

KEY TTM ROLES

GENERAL WORKER

Anyone working within or visiting a working space protected by TTM

Unit standard

TTM WORKER

Works under supervision to assist with installation, maintenance or removal of TTM

Unit standard

MOBILE DRIVER

Operation of work vehicle, shadow vehicle, tail pilot and lead pilot vehicles

Company records

TRAFFIC MANAGEMENT OPERATIVE (TMO)

Setup, maintain and remove TTM for: roadside activities (TMD F2.5) on Cat A roads

shoulder closures (TMD F2.7) on Cat A & B roads

Minder of worksites on the lane of Cat A & B roads

Complete inspection activities on Cat A and Cat B roads

Warrant

SITE TRAFFIC MANAGEMENT SPECIALIST (STMS)

In charge of all worksites involving TTM (except for inspection activities)

Warrant

INSPECTOR

Complete inspection activities on Cat A and Cat B roads and shoulder of Cat C roads

Warrant

General Worker

Who it is for:

- Anyone working on or who is likely to visit a working space protected by TTM

Note: It is not intended that this briefing replace site induction, ConstructSafe etc, but offers a complimentary component.

**Not a Waka Kotahi TTM warranted role - Unit standard available.
If unit standard required, the briefing is completed by TTM Mentor.**

Time

- 1 to 2 hours theory/ knowledge

Refresher

- No refresher workshop
- Refreshed by briefing from STMS

Assessment tasks

- Wear the correct PPE.
- Identify no go zones at a worksite.
- Act safely at a worksite (around road user and construction traffic).
- Act as spotter for vehicle manoeuvres within a working space.
Definition of spotter - person able to assist with guiding of vehicles within a working space.

TTM Worker

Who it is for:

- A worker who works under supervision to assist with installation, maintenance and removal of TTM.
- Also includes anyone controlling traffic in alternating flow situations using approved controls (eg stop/go or stop/slow paddles, portable booms or manually controlled portable traffic signals).

Not a Waka Kotahi TTM warranted role - Unit standard available.

If unit standard required, the briefing is completed by TTM Mentor.

Time

2 hours theory/knowledge briefing (plus on-site practical).

Refresher

- No refresher workshop.
- Refreshed by briefing from STMS.

Assessment tasks

In protected area

- Set-up and remove signs.
- Install and remove tapers, cones alongside working space and cone thresholds.
- Act as an alternating flow controller.
- If required - Work on a moving vehicle (including training on company harness requirements).

On live roading network

- Assist with the set-up of an alternating flow worksite (including working on a moving vehicle if required).
- Act as an alternating flow controller.
- Assist with the removal of TTM from a worksite (including working on a moving vehicle if required).

Unit standard

- The TTM Worker unit standard is required by anyone proceeding onto the TMO learning block.

Mobile Driver

Who it is for:

- Drivers of vehicles used in mobile operations/closures (eg work vehicle, shadow vehicle, tail advance warning and lead advance warning vehicles).

Note: Deck crew complete TTM Worker training.

**Not a Waka Kotahi TTM warranted role – No unit standard available.
The briefing is completed by TTM Mentor.**

Time

- Up to 4 hours plus on job practical.

Refresher

- Not required.
- Documented briefing by STMS required on relevant changes to CoPTTM.

Assessment tasks

- Check vehicle (eg COF, RUC, seat belts).
- Check TTM signage on vehicles and operation of electronic signs (eg arrowboard, LAS, AWMMS).
- Safely operate a work vehicle in a mobile operation / installing a static closure.
- Safely operate a shadow vehicle in a mobile operation / installing a static closure.
- Safely operate a tail advance warning vehicle in a mobile operation / installing a static closure.
- Safely operate a lead advance warning vehicle in a mobile operation.

Traffic Management Operative (TMO)

Who it is for:

A person on category A and B road environments who:

- Sets up, maintains and removes TTM for roadside activities (TMD F2.5) and shoulder closures (TMD F2.7)
- Maintains a worksite with TTM equipment on the lane within the existing TTM phase while the STMS is away.

Note: *The TMO will not be able to setup or remove TTM equipment which is on the live lane.*

A person on category A and B roads who completes Inspection activities.

Note: *If the only activity the person performs is an inspection activity, then they should complete the Inspection learning block instead of the TMO learning block.*

This is a Waka Kotahi TTM warranted role.

Workshop delivered by: TTM Trainer.

Time

- 1-day theory/ knowledge workshop delivered by TTM Trainer.
- Plus, mentoring and on-site practical.

Refresher

- 3-year Refresher on CoPTTM changes delivered by TTM Trainer.
- 3-year reassessment of practical.

TMO (continued)

Assessment tasks

Verified by TTM Mentor

- Maintain a closure involving footpath control
- Maintain a closure: either lane merge; lane shift; cycle lane; or priority control with TSL
- Setup, maintain and remove TTM at a static worksite for a roadside activity in category A road environment (TMD F2.5)

Observed by TTM Assessor

- Maintain a closure: controlling alternating flow
- Setting up, maintaining and removing TTM at a static worksite provided all TTM equipment is clear of the live lane in category A or B road environment (TMD F2.7)
- Undertake an inspection on a Cat A and/or B road.

Additional information

There is a warrant for TMO non-practising (TMO –NP) and TMO practising (TMO).

There are optional unit standards for TMO non-practising and TMO practising.

For a new person, the TTM Worker unit standard is a prerequisite to the TMO -NP warrant and unit standard.

An existing TC warrant holder does not have to hold the TTM Worker unit standard to:

- Complete the TMO workshop as a refresher and gain the TMO –NP warrant
- Undertake re-assessment (no requirement for verified worksites) for the TMO warrant.

If they want to gain the unit standards for TMO non-practising and TMO practising they will have to hold the TTM Worker unit standard.

Site Traffic Management Specialist (STMS)

Who it is for:

- A person who requires knowledge of the different categories of road, or
- The person in charge of a worksite involving TTM (except for inspection activities).

This is a Waka Kotahi TTM warranted role.

Workshop delivered by TTM Trainer.

There are a range of STMS learning blocks which can be combined:

Learning block	Who it is for
STMS Universal <i>2 day workshop delivered by TTM Trainer.</i> <i>Prerequisite to other STMS learning blocks.</i>	This provides base knowledge for people wanting to become the: <ul style="list-style-type: none">• STMS leading the setup, change and removal of a worksite• TTM Mentor, TTM Assessor or TTM Trainer• TTM Planner, Auditor, TMC and Corridor Manager.
STMS Category A <i>1 day workshop delivered by TTM Trainer (plus mentoring & assessment for practising warrant).</i>	A person who has achieved STMS Universal competency, who requires knowledge of category A roads or is intending to be the STMS on category A roads.
STMS Category B <i>1 day workshop delivered by TTM Trainer (plus mentoring & assessment for practising warrant).</i>	A person who has achieved STMS Universal competency, who requires knowledge of category B roads or is intending to be the STMS on category B roads.
STMS Category C <i>1 day workshop delivered by TTM Trainer (plus mentoring & assessment for practising warrant).</i>	A person who has achieved STMS Universal competency, who requires knowledge of category C roads or is intending to be the STMS on category C roads.
STMS Mobile <i>1 day workshop delivered by TTM Trainer (plus mentoring & assessment for practising warrant).</i>	A person who has achieved STMS Universal competency, who requires knowledge of mobile operations on Category A and/or B roads or is intending to be the STMS in charge of mobile operations on category A and/or B roads.

STMS (continued)

Additional information

Warrants

There are warrants for STMS non-practising (Cat A, B, C or Mobile operations) and warrants for STMS practising (Cat A, B, C or Mobile operations).

Unit standards

There is an optional unit standard for STMS non-practising and an optional unit standard for STMS practising.

The non-practising and practising unit standard can be awarded for either Cat A, B or C. They are awarded once and do not get awarded for subsequent categories of road.

STMS Mobile operations

The STMS Mobile operations is not included in the NZ Certificate of Temporary Traffic Management (Worksites).

Refreshing an existing STMS warrant

Existing STMS warrants will continue to their expiry date. Before then, the STMS will attend an STMS Refresher Cat A, B and C workshop.

This year, this refresher workshop can be delivered by any TTM Trainer warranted to complete STMS training (there are few slides in the STMS refresher that relate specifically to Cat C).

If the STMS successfully completes the STMS Refresher workshop they will be awarded non-practising warrants based on their existing level of warrant:

- Level 1 STMS will be awarded STMS Cat A and B non-practising warrants
- Level 2/3 STMS will be awarded Cat A, B and C non-practising warrants.

To gain the practising warrant the STMS must complete the practical assessment for each of the categories of road environment (Cat A, B, C) they will be an STMS on.

Unit Standards and Recognition of Prior Learning (RPL)

The STMS can also complete the optional STMS non-practising and the STMS practising unit standards. Once the STMS holds these two unit standards, RPL will be applied to all of the prior unit standards which will allow them to apply the NZ Certificate of Temporary Traffic Management (Worksites).

Inspector

Who it is for:

- A person carrying out inspection activities:
 - on foot
 - from a vehicle

Note: *This qualification enables the holder to be in charge of and undertake inspection activities. They will not have to report to an STMS for the inspection activity.*

This is a Waka Kotahi TTM warranted role

Briefing delivered by TTM Trainer

Time

- Training of up to 4 hours plus on-site practical.

Refresher

- Inspections Refresher workshop only required if Inspection requirements are significantly changed – Waka Kotahi to determine.
- 3-year reassessment of practical.

Assessment tasks

- Undertake 1 inspection activity (including paperwork) in a category A road environment.
- Undertake 1 inspection activity (including paperwork) in a category B road environment.