Temporary Traffic Management
INDUSTRY STEERING GROUP

NZGTTM Risk Awareness & Assurance

Practical tools for seeing risk in real work



WEBINAR | WEDNESDAY 4 NOVEMBER 2026 | 12:00–1:00PM

WEBINAR OVERVIEW

Today's session

01 **TTM-ISG intro**

Welcome and webinar overview

02 **Donna + Monika**

Background and development of the guides

03 **Industry perspectives**

NZTA and Fulton Hogan: using the tools

04 **Discussion + Q&A**

Nick | Panel + Q&A

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Mission & Purpose

Temporary Traffic Management
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The TTM Industry Steering Group champions collaboration and representation within the TTM sector by fostering excellence in practices that enhance safety and efficiency on the roads. We aim to advance the industry by nurturing a culture of shared responsibility, supporting safe outcomes for New Zealand's road workers and road users



CONNECT

Connect people, businesses and clients to understand important focus areas for the TTM sector



COLLABORATE

Collaborate to enhance effective management of risks from activities impacting road corridors



ADVOCATE

Advocate on behalf of the TTM sector to improve real and perceived value of TTM



SHARE

Share collective learning to nurture continual improvement of safety and efficiency of TTM

Who we are

The ISG Committee is made up of up to **12 voluntary members** who represent different parts of the sector including:

- NZTA
- RCAs
- TTM Suppliers
- Tier 1 Contractors
- CCNZ
- Utilities Advisory Group (UAG)
- Association of Consulting Engineers (ACE) NZ
- Worksafe

GO TEMPORARY TRAFFIC MANAGEMENT INDUSTRY STEERING GROUP

LEADERSHIP TEAM



Simon McManus
CEO



Darren Wu
Chair
ACE NZ Rep



Nick Miskelly
Deputy Chair
NZ UAG Rep



Tracey Berkahn
Treasurer
RCA Rep (North Is)



Ryan Cooney
Secretary
NZTA Rep



Levi Anderson-Crewther
TTM Supplier Rep



Wayne Clarke
TTM Supplier Rep



Betty Mitrova
Tier 1 Contractor Rep



Dave Rendall
Tier 1 Contractor Rep



Simon Hodges
RCA Rep (South Is)



Ketan Chandu
WorkSafe NZ



Arne Corrie-Johnston
CCNZ Rep



Monika Wakeman
NZTA Rep



Shannyn Hiroti
ISG Comms & Engagement Manager

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Knowledge and learning that improves risk-based application for TTM activities

Improving tangible health and safety outcomes for road users and road workers at temporary worksites

Co-ordination of work activity on our infrastructure corridors enabling improved efficiency & productivity

Trans-Tasman Road Worker Safety Survey

Almost 700 responses





Launch Event – Traffic Controller Safety Survey Report

Kickstart Programme for councils

- Executive and Operational sessions
- Council participation across all of NZ

Use it or Remove it



Campaign up and running in *10+ regions*

22,000+
items of stray TTM equipment has been picked up so far

In partnership with...

CONNEXIS

WAIHANGA ARA RAU Construction and Infrastructure Workforce Development Council

TRAINING & COMPETENCY

- 8 no. new micro-credentials live
- 5 no. PTEs across NZ delivering content and training

MAY '26 - TTM Transition & Credentials Roadshow

11 LOCATIONS

700











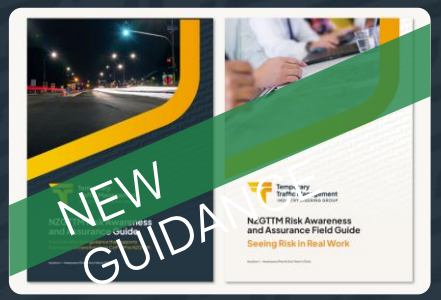

'How to' WEBINARS | 2500+ *ATTENDEES*

INDUSTRY LEARNING

From Compliance to Confidence – *Rob Fisher*



Leaders Breakfast Event & Panel

80 Attendees | March '26 | AKL



Clearway Conference & Awards 2026

- 280+ Delegates
- 9 partners
- 15+ Exhibitors
- Inaugural awards

1 Day Conference +Awards | 3rd Sept | Shed 10 Auckland | 15+ Speakers

REGISTRATIONS AND PROSPECTUS COMING SOON

TMAA TRAFFIC MANAGEMENT ASSOCIATION OF AUSTRALIA

2nd NZ Delegation to TMAA Conference 2026

- Engagements with SA Dept of Infra & Transport and Austroads
- 17 Delegate Members
- START conference and awards attendance



Road Works Safety X-Sector Working Group

- Cross-agency data analysis
- Problem statements development
- Draft cross-sector blueprint action plan

Blueprints will enable a clear pathway forward for sector partnership

YR 25 – 26

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Road Works Safety Cross Sector Working Group



Shelley Easton
NZTA



Ketan Chandu
Worksafe



Toni Barlow
AA



Gareth Smith
ACC



Teresa Burnett
AT



Mark Stockdale
Transporting NZ



Arne Corrie-Johnston
CCNZ



Craig Brown
NZ Police



Simon McManus
TTM ISG



Darren Wu
TTM ISG



Shannyn Hiroti
TTM ISG

- Bringing agencies and industry together around a shared commitment to road worker and road user safety
- Two draft blueprints taking shape: improving driver compliance with temporary speed limits, and making unattended sites safer
- A chance to combine our knowledge, test ideas together and turn shared priorities into actions

NZ Transport Agency Waka Kotahi · AT · New Zealand Police Ngā Pirihimana o Aotearoa · WorkSafe New Zealand · ACC · Te Ara Aotearoa Transporting New Zealand · Civil Contractors New Zealand · AA · Temporary Traffic Management Industry Steering Group

RESOURCE DEVELOPMENT

Background to the assurance guides

Donna Carter | Founder, The Person Factor

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THE INTENT



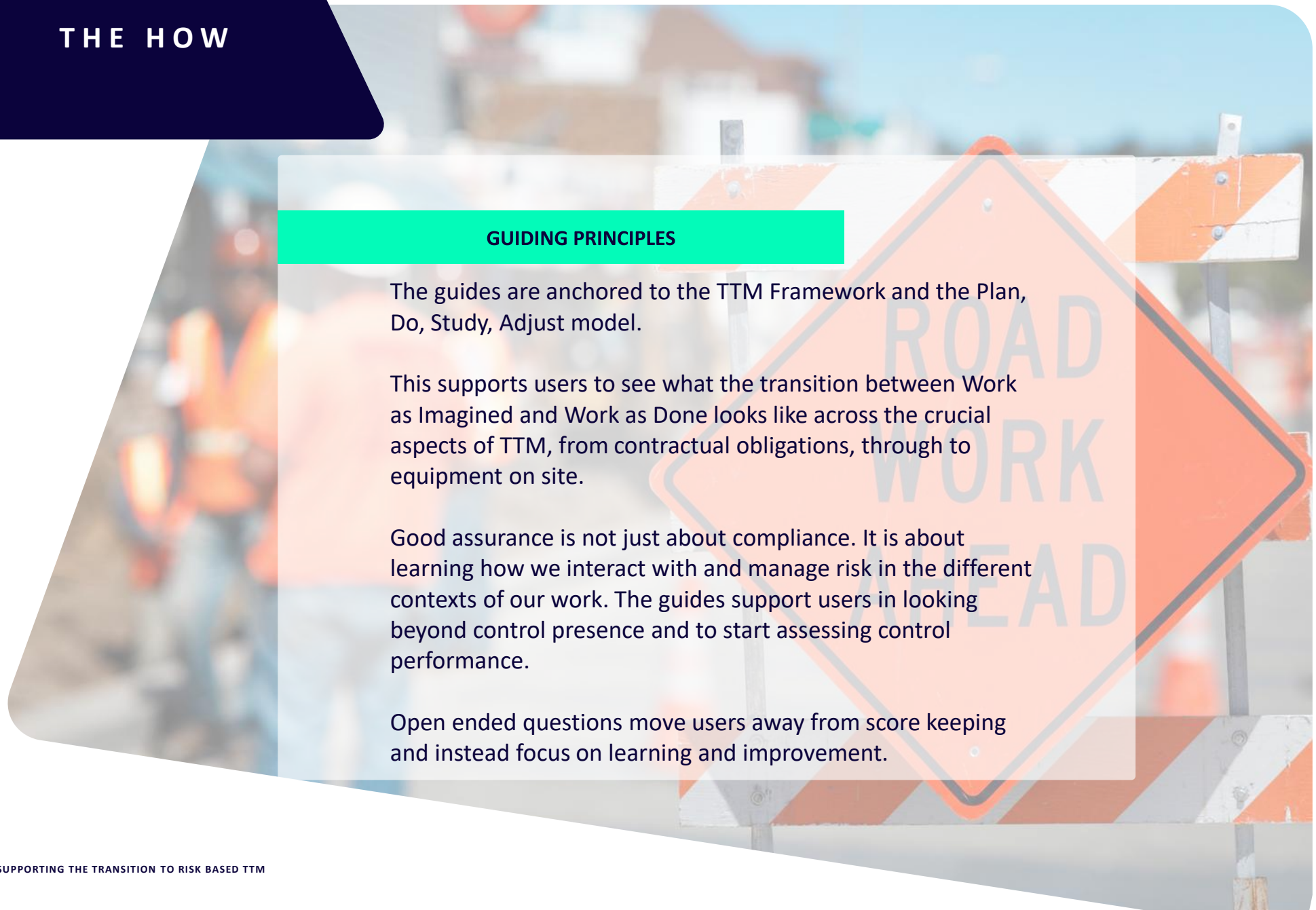
THE INTENT BEHIND THE GUIDES

The guides were developed to support users as they explored what it means to take a risk based approach to TTM.

It was recognised early on that the industry was diverse, with different users and providers carrying different levels of risk knowledge and exposure, influence and resources.

The guides had to create a psychologically safe learning environment for all users that invited participation at all levels of the industry.

THE HOW



GUIDING PRINCIPLES

The guides are anchored to the TTM Framework and the Plan, Do, Study, Adjust model.

This supports users to see what the transition between Work as Imagined and Work as Done looks like across the crucial aspects of TTM, from contractual obligations, through to equipment on site.

Good assurance is not just about compliance. It is about learning how we interact with and manage risk in the different contexts of our work. The guides support users in looking beyond control presence and to start assessing control performance.

Open ended questions move users away from score keeping and instead focus on learning and improvement.

NZTA PERSPECTIVE

The development of the tools

Monika Wakeman | NZ Transport Agency Waka Kotahi

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Moving from CoPTTM to NZGTTM

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We are moving from following the recipe in the cookbook to deciding the ingredients and steps to take to make our Masterchef dish!

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Work as Imagined vs. Work as Done

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Work as Imagined vs Work as Done



> Risk often appears in the gap between the plan and real work. Seeing this gap helps teams better understand risk and improve controls

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The value and impact of Assurance

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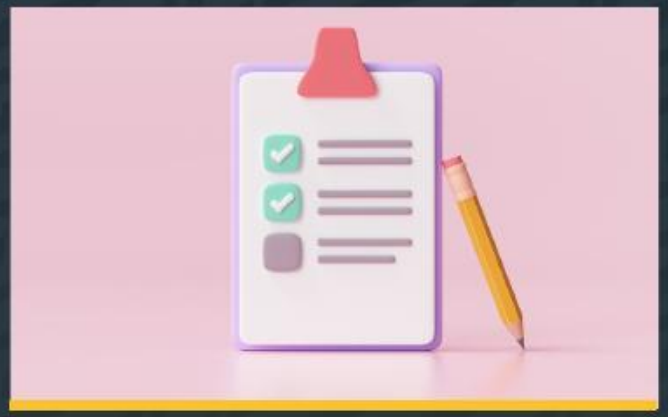
The various forms of assurance



Have a TMP review process

A familiar assurance activity already in place



Conduct inspections

A visible check that work is set up as expected



Perform Audits

A formal test of evidence and compliance

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How can we check if we are on the right track with implementing NZGTTM?

Introducing the Self-Assessment Tool!

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The Self – Assessment Tool

The tool covers the following areas:

- **Site Information**
- **Planning Questions**
  - People
  - Processes and Guides
  - Equipment
  - Contracts/Systems
- **Doing Questions (Delivering the Work)**
  - People
  - Process and Guides
  - Equipment
  - Contracts/Systems

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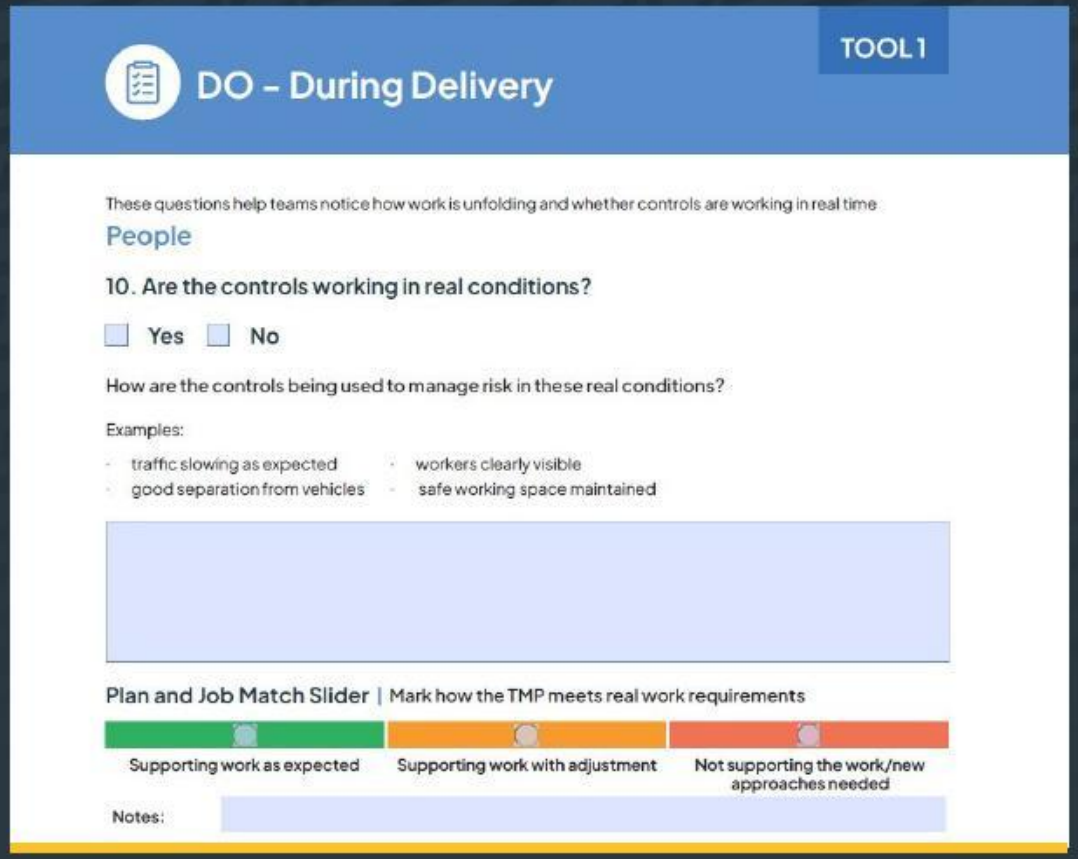
Introducing the Self- Assessment Tool

The tool is a structured risk conversation, not a compliance scorecard



DO – During Delivery

TOOL 1

These questions help teams notice how work is unfolding and whether controls are working in real time

People

10. Are the controls working in real conditions?

☐ Yes ☐ No

How are the controls being used to manage risk in these real conditions?

Examples:

- traffic slowing as expected
- good separation from vehicles
- workers clearly visible
- safe working space maintained

Plan and Job Match Slider | Mark how the TMP meets real work requirements

Supporting work as expected | Supporting work with adjustment | Not supporting the work/new approaches needed

Notes:

How it works

1. Yes/No – is the element present or working?
2. How: describe how real work is being managed
3. Mark how the work matches the TMP

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NZTA PERSPECTIVE

Applying the ISG assurance guidance

Michael Lim
RTC, RTTMC
NZ Transport Agency Waka Kotahi

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NZTA PERSPECTIVE

Where and why I used the resources

RTTMC role	TMP review, worksite deployment approval and network coordination.
My contribution	Testing the ISG tool during a supplier's PARS (Pre-approved reusable schemes) review.
Purpose	Exploring how the prompts connect planning decisions with risk in real work.

A separate team is forming outside RTTMC for network assurance.

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NZTA PERSPECTIVE

Example: multiple pre-seal sites

The work	A crew moves between pre-seal repairs under PARS, using Stop/Go.
Site suitability	How does each location affect queue visibility, access and worker protection?
Crew decisions	What prompts a change in controls, a pause or escalation beyond PARS?
Aftercare	What risks remain after the crew leaves, and who checks the controls?

The example shows where planning needs evidence from the people doing the work.

NZTA PERSPECTIVE

What helped and what needs more work

Key strength	The prompts support meaningful conversations with management and the crew.
Corrective actions	Those discussions help identify improvements and agree actions, responsibilities and follow-up.
Main challenge	Getting meaningful responses requires time and input from management and the crew.
Key learning	The value comes from the discussion and following through on agreed actions.

These are observations from reviewing the resources and their application to PARS.

NZTA PERSPECTIVE

What I would take into future reviews

Applicability	Ask how the supplier confirms each site fits the PARS scope and limits.
Decision points	Look for clear triggers to reassess, pause or escalate the work.
Evidence	Distinguish what the documents demonstrate from what needs checking on site.
Feedback	Follow up agreed actions and use delivery feedback to improve future planning and PARS reviews.

The tool supports better questions while responsibilities and approvals remain clear.

LIVING SAFELY 2.0

TTM ISG

TTM Assurance

Assurance that tests whether controls work in practice

Current TTM Assurance Framework

01 Gap Analysis Audit

National team

Initial design and risk assessment through to implementation. Detailed process check. (4 days)

8 completed

02 Technical TTM Part 7 Audit

National team / TTM Specialists

On-site TTM audit: is the plan effective and implemented correctly. (1 hour)

1,000 completed since January

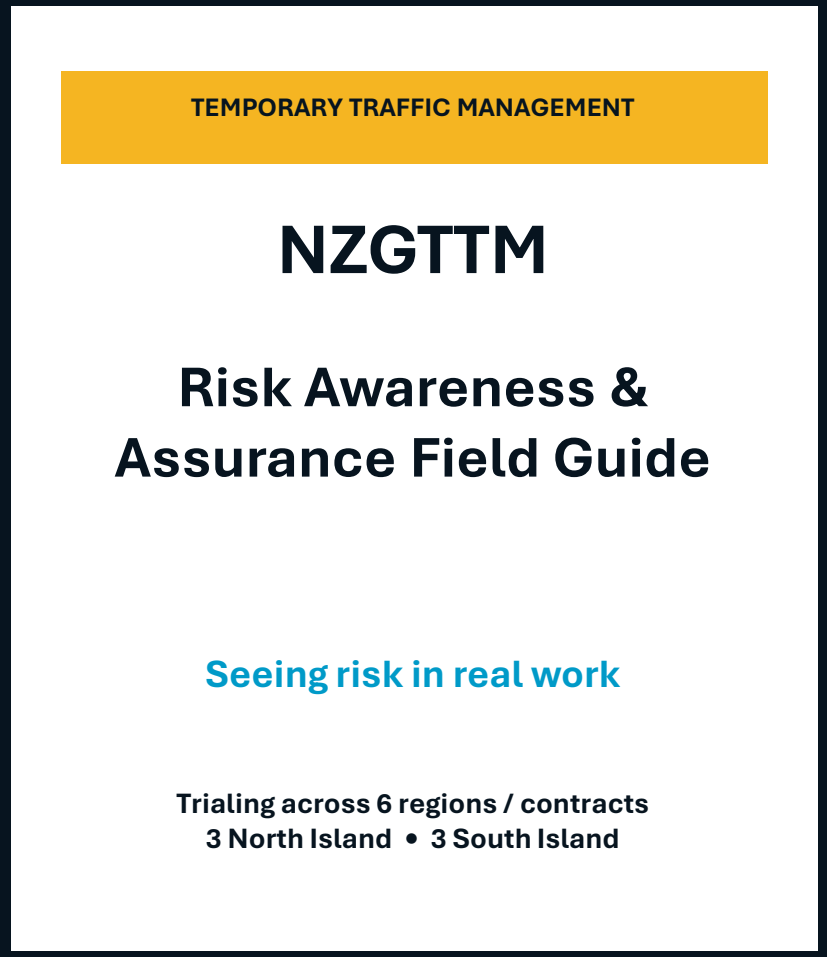
03 Critical Risk Conversations

All FH Management

Structured field conversations on critical risks and critical controls for public TTM and site traffic and plant movements. (30min)

3,270 completed since January

NZGTTM Risk Awareness & Assurance Field Guide – Initial feedback



- Practical on-site tool anyone can use – developed for end user
- Engaging assurance that supports proactive H&S outcomes
- Tests work as imagined against work as done
- Highlights gaps between the TMP and real-life risk management
- Provides room for notes and reflection
- Checks equipment effectiveness
- Focuses on critical risks, controls and serious harm

Assurance outcomes

MEASURING WHAT MATTERS

Are we measuring the activity, or the outcome of the activity?

REFLECTION

What happened?

→

LEARNING

What should improve?

→

ACTION

What changes next time?

How will we introduce this tool - Proposal

LIVING SAFELY 2.0
People at the heart of everything

01 Gap Analysis Audit

National team

Initial design and risk assessment through to implementation. Detailed process check.

8 completed

02 Technical Part 7 Audit

National team / TTM Specialists

On-site TTM audit: is the plan effective and implemented correctly

1,000 completed since January

NZGTTM Risk Assurance & Assurance Field Guide

Completed by operational leaders

TTM Subcontractors – minimum requirements

03 Critical Risk Conversations

All FH Management

Structured field conversations on critical risks and critical controls for public TTM and site traffic and plant movements.

3,270 completed since January

PANEL DISCUSSION

Industry perspectives & discussion

Moderator: Nick Miskelly | Chorus

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AUDIENCE PARTICIPATION

Questions & answers

Facilitated by Nick Miskelly | Chorus

Please share your questions in the webinar Q&A

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Thank you

Explore the NZGTTM assurance resources and share your feedback

www.ttm-isg.org

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