

Prepare Work Zone Traffic Management Plans

Safework NSW Qualification

Description

This course provides the skills and knowledge required for individuals responsible for developing traffic management plans and traffic guidance schemes to perform a preliminary risk assessment of a temporary traffic management site and select, modify and design traffic management plans and traffic guidance schemes.

This course **does not qualify** a participant to control traffic with a stop/slow bat, or boom gate, or set up work with traffic control plans.

This program is suited to experienced traffic control/management operators.

To obtain a SafeWork NSW Traffic Control Work Training (TCWT) card, training and assessment must be carried out by a SafeWork NSW approved training provider.

Learning outcomes

- Prepare a work zone traffic management plan (TMP)
- Collect all required information about a given roadwork project to enable the preparation of a TGS/TMP
- Design a TGS/TMP, based on risk assessment, statutory and regulatory requirements, standards, road authority requirements and project brief
- Select and modify a TGS/TMP based on risk assessment, statutory and regulatory requirements, standards, road authority requirements and project brief
- Draw up a TGS/TMP to recognise other graphical representations such as pedestrian movement plans, vehicle movement plans, and notification of authorities
- Determine the recommended spacing between signs and traffic control devices in line with standards; measure width of trafficable surface; calculate edge clearances to barriers, cones and clearance to work personnel
- Incorporate environmental management plans
- Conduct an onsite check and inspection of the plan and to identify any unexpected hazards/risks
- Identify approvals required; identify approval agencies, types of approvals for roadway access, railway reserve access, authority to install signs on roads, variation to standards
- Understand speed, environment, type and class of vehicles, traffic density, sight lines, environmental condition, weather patterns and surface type
- Monitor and interpret control systems to apply to the drawing, selection and design.
- Use approved methods and follow recognised local legislation
- Use the site/location assessment, distinguish topographical landmarks and carry out authorised risk control
- Collate traffic volume data, type and class of vehicles
- Determine lane capacity, road network performance and lane closure restrictions
- Identify impacts from any concurrent or adjacent works

- Identify times and dates of any planned public events that may result in increased or redistributed traffic patterns
- Identify affected stakeholders and type of notification required and prepare notifications
- Calculate costings for TMP development and implementation

Units of competency

- RIIRIS402E Carry out the risk management process
- RIICWD503E Prepare traffic management plans and traffic guidance schemes

Recommended target audience

It applies to those individuals responsible for developing traffic management plans and traffic guidance schemes.

Course pre-requisites

There are no training package pre-requisites for these units of competency, but industry consultation suggests that candidates entering the traffic control industry will strongly benefit by having the:

- RIISS00054 Traffic Controller skill sets
- RIISS00055 Traffic Management Implementer Skill Set
- CPCCOHS1001A Induction for Construction white card or equivalent
- An understanding of road rules that comes from having or have had a driver's licence

Training

Training will include:

- classroom activities
- theory questionnaires and group activities.
- use of regulatory and statutory manuals and documents
- project management that includes case studies and document preparation
- use of TMP/TGS development software

Assessment requirements

Assessments are to be completed as per the RII Resources and Infrastructure training package requirements, whereby all units of competency must be assessed by qualified assessors (in the context of traffic control at worksites)

Assessments will include:

- theory questionnaires and activities
- practical activities and observation (by a SafeWork NSW approved RTO)
- development of TGS/TMPs
- development of 2 (two) Traffic Management Plan projects
- provision of workplace samples and documentation

Awards Issued

Students who successfully complete this nationally recognised training will be awarded:

A SafeWork NSW Statement of Completion (SOC) certificate which allows them to design new traffic management plans and TCGS/TCP's for road works, produce major upgrades of standard plans and/or inspect traffic control plans on road construction sites.

A Statement of Attainment (SOA) for the following skills sets:

- RIICWD503E - Prepare traffic management plans and traffic guidance schemes
Prepare traffic management plans and traffic guidance schemes
- RIIRIS402D - Carry out the risk management process
Carry out the risk management process

The Statement of Attainment (SOA) is required for application we submit to the SafeWork NSW for card licence.

Cost

The cost of the course is **\$1150.00** per attendee.

You may be eligible for a rebate from TFA. Please contact them in advance of the course to check eligibility. For further information please refer to www.trainingfund.com.au