

Traffic control training - course overview

The units listed in the course below are the current units of competency as listed on training.gov.au. These units have superseded older versions of units and courses for traffic control training. These units were updated and made current on 30 January 2020.

To assist RTOs to teach out their students, and transition training materials to the most current versions, the training you enrol in between today and 31 December 2020 may have slightly different unit codes, names and number of units.

If you are unsure that the RTO is delivering the correct course to obtain a TCWT card in NSW, please call 13 10 50 to confirm.

Traffic controller

Implement traffic control plans

Prepare a work zone traffic management plan

Description - Traffic controller

This course addresses the skills and knowledge for those responsible for stopping and starting traffic in temporary traffic management using a stop/slow bat or boom gate.

This program is a good entry point for those wishing to establish themselves into the traffic control/management industry

This course does not qualify a participant to set up or work with traffic control plans.

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

- Stop/direct road users using a stop/slow bat and understand stopping sight distances
- Monitor traffic with portable traffic control devices and temporary traffic signs according to traffic management plans and traffic guidance schemes
- Maintain traffic incident reports
- Understand the Traffic Guidance Schemes (TGSs) also known as Traffic Management Plans (TMPs) for the site
- Assess and respond to changes in the environment, for example traffic volumes, weather conditions, road conditions, Work Health and Safety (WHS) and operational requirements

- Carry out risk assessments for personal safety
- Participate in toolbox talks (specific to traffic control)
- Use communication methods and devices
- Conform to traffic control policy and procedures

Units of competency

- RIIWHS201D Work safely and follow WHS policies and work procedures
- RIICOM201D Communicate in the workplace
- RIIWHS205E Control traffic with a stop-slow bat
- RIIWHS206 Control traffic with portable traffic control devices and temporary traffic signs

Recommended target audience

Workers in operational roles. They generally work in teams in live traffic environments under some degree of supervision.

Course prerequisites

Currently there are no prerequisites

Training

Training will include:

- classroom activities
- theory questionnaires and group activities
- minimum practical traffic control simulation using full scale devices and vehicles in controlled and safe environments

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 on the job on a minimum of two separate occasions (in the context of traffic control at worksites)

Assessments will include:

- theory questionnaires and activities
- on the job practical application and observation (by a SafeWork NSW approved RTO)
- provision of workplace samples and documentation

Description - Implement traffic control plans

This course addresses the skills and knowledge for personnel responsible for traffic

management on a site to implement a work zone traffic management plan in the immediate vicinity of a workplace.

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

This program is suited to those who have traffic controller experience and wish to further their career within the traffic control/management industry

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

- Identify safety implications of traffic control at road works and personal responsibilities
- Set up, monitor and close down traffic control devices according to a nominated TGS/TMP, to WHS and legislative requirements
- Operate a two-way radio correctly and effectively
- Check, clean and store equipment on completion of work and close down a TGS/TMP
- Know the basic function of the TGS/TMP system
- Locate and apply required legislations, documentation, policies and procedures including documentation required for worksite projects and required traffic management
- Locate and apply required legislation, regulations, codes and procedures including Austroads Codes of Practice and WHS applicable to temporary traffic management
- Adapt to all work health and safety (WHS) and operational requirements
- Use the site/location assessment, distinguish topographical landmarks and carry out authorised risk control
- Conduct an onsite check of a TGS/TMP to identify any unexpected risks/hazards
- Plan for emergencies that may arise
- Ensure spacing between signs and traffic control devices is in line with a TGS/TMP
- Understand speed, environment, type and class of vehicles, traffic density, sight lines, environmental conditions, weather patterns and surface type
- Maintain traffic incident reports
- Monitor traffic controllers

Units of competency

- RIIWHS201D Work Safely and follow WHS policies and procedures
- RIICOM201D Communicate in the workplace
- RIIRIS301E Apply risk management process
- RIIWHS302E Implement traffic management plans
- RIIWHS303 Position, set-up and program portable traffic control devices

Recommended target audience

It applies to those working in supervisory roles. They generally work in teams in live traffic environments and hold some responsibility for the outcomes of others.

Course prerequisites

Currently there are no prerequisites.

It is recommended that you have experience in traffic control.

Training

Training will include:

- classroom activities
- theory questionnaires and group activities
- minimum practical implementation using full scale devices and vehicles in controlled and safe environments

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 on the job via 3 (three) separate live projects (in the context of traffic control at worksites)

Assessments will include:

- theory questionnaires and activities
- on the job practical application and observation (by a SafeWork NSW approved RTO)
- provision of workplace samples and documentation

Description - Prepare a work zone traffic management plan

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

- RIIRIS402D 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.

It is recommended that It is recommended that you have experience in traffic control and in implementing traffic control plans.

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

<https://www.safework.nsw.gov.au/licences-and-registrations/licences/traffic-controller-training/traffic-control-training-course-overview>

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