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RIISS00056 - Traffic Management Designer Skill Set

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

Description

This qualification will enable participants to create a traffic management plan as well as design, select and modify Traffic Control Plans (TCPs), also known as Traffic Control Guidance Schemes (TCGSs) and conduct inspections.

Enrolment

Participants will be required to complete an enrolment form online prior to training. On this form participants can indicate whether they require further assistance due to any LLN issues. This is most important so that the trainer/assessor can implement any processes prior to the day's training.

Delivery and Assessment Method

Training Day 1 – Participants to attend a pre-arranged training course that consists of a theory component and group activities.

Training Day 2 – Theory component continues and the process of developing of a full TMP will begin. This will be followed by a written theory assessment.

Training Day 3 – Theory component and assessments will be completed. You will also complete the development of two [2] TMP's.

The assessor will review the portfolio of evidence for each participant and will make a summative assessment.

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 TCGS/TCP
- Design a TCGS/TCP based on risk assessment, statutory and regulatory requirements, standards, road authority requirements and project brief
- Select and modify a TCGS/TCP based on risk assessment, statutory and regulatory requirements, standards, road authority requirements and project brief
- Draw up a TCGS/TCP 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 work personnel
- Incorporate Environmental Management Plan (EMP)
- 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

Pre-requisite

It is recommended that a participant holds a current Traffic Management Implementer qualification or equivalent

OR

Current SafeWork NSW Traffic Control Work Training Card or equivalent

OR

Relevant industry experience

All participants will require a Unique Student Identifier Number (USI) prior to enrolment. If you need to obtain a USI please go to - <https://www.usi.gov.au/students/create-your-usi> .

It is the Learners' responsibility to disclose and make TMT aware of any information pertaining to their individual learning requirements including LLN levels so as reasonable adjustments can be made.

A Safe Work WHS White card and a driver's licence is extremely desirable as on most occasions this will be an employment pre-requisite

Course duration

3 consecutive days or alternative arrangements can be made to suit participants work needs.

Number of participants

Maximum 20