



Australian Government

TLIF4069 Monitor and respond to traffic flow

Release: 2

TLIF4069 Monitor and respond to traffic flow

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor word change to PC 1.6
- Minor reordering in Performance Evidence
- Minor Knowledge Evidence added
- Minor statement changes in Assessment Conditions.

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to monitor and respond to traffic flow when operating in a road network control room, in accordance with workplace procedures and regulatory requirements.

It includes monitoring and maintaining traffic flow in a road network and implementing changes to traffic flow as required. It also includes developing an understanding of risk management procedures for monitoring and responding to traffic flow.

It involves the application of workplace safe work instructions and procedures and regulatory requirements as part of work activities.

Tasks are performed individually within a controlled environment. The role may at times be required to work within a team environment.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 1 Monitor traffic flow on a road network | 1.1 Traffic flow is monitored in accordance with workplace procedures |
| | 1.2 Multi-monitor displays are operated and coordinated in accordance with workplace procedures |
| | 1.3 Surveillance and detection camera systems are operated in accordance with workplace procedures |
| | 1.4 Traffic management systems are operated in accordance with workplace procedures |
| | 1.5 Visual recognition of abnormal traffic flow is acted upon |
| | 1.6 Reports of events relating to road network operations are completed |
| 2 Maintain traffic flow on a road network | 2.1 Traffic flow within a road network is maintained in accordance with workplace procedures and regulatory requirements |
| | 2.2 Variable message boards and intelligent transport system (ITS) devices are operated in accordance with workplace procedures |
| | 2.3 Recovery/maintenance services to clear traffic lanes are deployed in accordance with workplace procedures |
| 3 Implement changes to traffic flow as required | 3.1 Operations are controlled to meet changes in traffic flow in accordance with workplace procedures |
| | 3.2 Appropriate authorities are liaised with in accordance with workplace procedures and regulatory requirements |
| | 3.3 Traffic management systems are operated to maintain safety during maintenance and/or incident |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This unit replaces and is equivalent to TLIF4069A Monitor and respond to traffic flow.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIF4069 Monitor and respond to traffic flow

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- communicating effectively with others
- completing documentation related to monitoring and responding to traffic flow within a road network control room
- identifying changes to traffic flow, including abnormal traffic flow
- implementing contingency plans
- interpreting and following procedures and prioritising work
- maintaining traffic flow on a road network
- operating a traffic management system
- operating and adapting to differences in equipment and systems in accordance with operating procedures
- operating electronic communications equipment to required protocol
- reporting and/or rectifying identified problems and faults promptly, in accordance with regulatory requirements and workplace procedures
- using intelligent transport systems (ITSs) such as:
 - lane use management signs
 - variable message signs
 - variable speed limit signs
- working collaboratively with others when responding to and monitoring traffic flow within a road network control room.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of

the requirements of the elements, performance criteria and include knowledge of:

- emergency response plans
- relevant environmental protection regulations
- relevant ITSs and related operational procedures used in a road network control room
- workplace procedures and guidelines for monitoring and responding to traffic flow when operating a road network control room, including relevant work health and safety (WHS)/occupational health and safety (OHS) procedures and guidelines.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include:

- a range of relevant exercises, case studies and/or simulations
- relevant materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals.

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