



Australian Government

TLIF4108 Implement traffic management plan in the transport industry

Release: 2

TLIF4108 Implement traffic management plan in the transport industry

Modification History

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

- Minor wording changes and reordering in Knowledge Evidence
- 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 implement traffic management plans in the transport and logistics industry.

It includes planning, implementing, monitoring, evaluating, auditing and packing up a traffic management plan, and undertaking housekeeping duties in a control room and on site.

Traffic management plans include those for public and private roads, parking areas and restricted access sites.

This unit is appropriate for those working in operational roles within tunnel and open road operations.

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.

1 Prepare for traffic management plan implementation

PERFORMANCE CRITERIA

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

- 1.1** Relevant documentation is accessed and interpreted in accordance with workplace procedures, regulatory requirements and codes of practice
- 1.2** Safety requirements for allotted tasks are obtained, confirmed and applied in accordance with workplace policies, procedures and regulatory requirements
- 1.3** Relevant signage and devices are identified, obtained and implemented in accordance with traffic management plan, workplace procedures and regulatory requirements
- 1.4** Required tools and equipment are selected for traffic management plan
- 1.5** Environmental protection requirements are identified and applied in accordance with workplace procedures and regulatory requirements
- 1.6** Legislative/operational requirements for assigned traffic controller are checked and confirmed in accordance with workplace procedures and regulatory requirements
- 1.7** Requirements for traffic flow are communicated appropriately in accordance with workplace procedures and regulatory requirements
- 1.8** Work crew safety is appropriately considered in traffic management plan in accordance with workplace procedures and regulatory requirements

2 Implement traffic management plan

- 2.1** Site-specific traffic management plan is selected in accordance with workplace procedures and regulatory requirements
- 2.2** Traffic management plan requirements are determined, communicated and monitored in accordance with workplace procedures and regulatory requirements
- 2.3** Signage and device positioning are checked in accordance with traffic management plan, workplace procedures and regulatory requirements

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| | 2.4 | Traffic management plan is appropriately adjusted on site in accordance with site-specific conditions as appropriate to ensure work crew safety, in accordance with workplace procedures and regulatory requirements |
| 3 | Monitor traffic management plan | |
| | 3.1 | Traffic flow is monitored and effectiveness of traffic management plan is measured in accordance with workplace procedures and regulatory requirements |
| | 3.2 | Traffic management plan adjustments are implemented in accordance with workplace procedures and regulatory requirements |
| | 3.3 | Traffic controller performance is monitored in accordance with human resources and workplace policies and procedures |
| 4 | Evaluate and audit traffic management plan | |
| | 4.1 | Applied traffic management plan is checked to ensure it matches the approved plan in accordance with workplace procedures and regulatory requirements |
| | 4.2 | Applied traffic management plan is audited to ensure compliance with approved safety plans in accordance with workplace procedures and regulatory requirements |
| | 4.3 | Traffic management plan is checked to ensure suitability to actual traffic conditions in accordance with workplace procedures and regulatory requirements |
| 5 | Pack up traffic management plan | |
| | 5.1 | Traffic control devices are removed in a safe and sequential manner, in accordance with workplace policies and procedures, and regulatory requirements |
| | 5.2 | Traffic management plan information is accurately recorded in accordance with workplace procedures and regulatory requirements |
| | 5.3 | Workplace incidents are accurately reported in accordance with workplace procedures and regulatory requirements |
| 6 | Undertake housekeeping | |
| | 6.1 | Work area is cleared in accordance with project environmental management plan and workplace procedures |
| | 6.2 | Work tools and equipment are cleaned, checked, maintained and stored in accordance with manufacturer recommendations and workplace policies |

- 6.3** Traffic management signs are returned to pre-work state in accordance with workplace procedures

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.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIF4108A Implement traffic management plan in the transport industry.

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 TLIF4108 Implement traffic management plan in the transport industry

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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:

- applying legislative requirements, workplace procedures and policies
- communicating:
 - fault reporting
 - verbal instructions
- complying with state/territory regulations and codes of practice
- controlling traffic flow in accordance with traffic management plans
- implementing consistent and timely traffic management plans that safely, effectively and efficiently meet required outcomes
- implementing requirements, procedures and techniques for the safe, effective and efficient implementation of traffic management plans
- working collaboratively with others to undertake and complete traffic management plans that meet all required outcomes.

Knowledge 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 and include knowledge of:

- job safety analysis (JSA) or a safe operating procedure
- potential hazards
- processes for calculating travel time
- radio and electronic communications
- relevant compliance documentation including:
 - Australian Standards (AS)

- codes of practice
- legislative, organisational and site requirements and procedures
- requirements, procedures and instructions for implementing traffic management plans
- requirements set down by relevant:
 - state/territory codes of practice
 - AS such as AS 1742.3 Manual of uniform traffic control devices (MUTCD) – Traffic control for works on roads
- safe work method statement (SWMS)
- safety requirements including:
 - emergency procedures
 - safe operating procedures, including recognising and preventing hazards associated with the working environment
 - site and equipment safety requirements
- signs and devices such as:
 - regulatory and traffic control devices
 - regulatory and traffic cones
 - temporary warning signs
- traffic management systems
- tunnel and open road terminology
- use of tools and equipment including:
 - arrow boards
 - barricades
 - barriers
 - bollards
 - cones
 - delineators
 - high visibility vests
 - notebooks
 - pens
 - radios
 - signage
 - signalling devices
 - stop-slow bats
 - warning lights and beacons.

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.

Online assessment is not suitable for final assessment of this unit of competency.

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, traffic management plan, regulations, codes of practice and operation manuals.

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