



Australian Government

TLIF0010 Identify factors to reduce road harm

Release: 1

TLIF0010 Identify factors to reduce road harm

Modification History

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 identify risk factors to reduce road harm in accordance with industry standards, safe working and regulatory requirements.

It includes identifying the significance of safety features of the road network and traffic control devices, and determining environmental factors that may contribute to road harm.

Work is performed under supervision, generally 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.

1 Identify safety features of road network and traffic control devices

PERFORMANCE CRITERIA

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

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|------------|---|
| 1.1 | Primary/passive safety features of road network are identified |
| 1.2 | Secondary/active safety features of road network are identified |

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| 2 Identify significance of safety features of road networks and traffic control devices | 2.1 Significance of road markings and their meaning are identified and explained |
| | 2.2 Significance of traffic control devices and their meaning are identified and explained |
| | 2.3 Legal penalties for not obeying road markings and traffic control devices are explained |
| 3 Determine environmental factors that contribute to road harm | 3.1 Environmental factors affecting road harm are identified |
| | 3.2 Environmental factors affecting road harm are explained |
| | 3.3 Driver actions when environmental factors are encountered are outlined |

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 TLIF0076 Demonstrate awareness of factors to reduce road harm.

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 TLIF0010 Identify factors to reduce road harm

Modification History

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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:

- identifying active and passive road network features
- identifying significance of traffic control devices and their meaning
- reading, interpreting and following instructions, procedures and information
- using basic interpersonal and communication skills including listening, questioning and receiving feedback.

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:

- active road network safety features including:
 - audible run-off road strip
 - electronic lane advice
 - electronic speed signs
 - guide posts
 - lane markings
 - radio announcements
 - road surface
 - roundabouts
 - traffic lights
- environmental factors including:
 - rain
 - snow
 - ice
 - water on road
 - dust
 - sand
 - mud

- rocks
- high-risk behaviour factors including:
 - alcohol
 - distraction
 - drugs
 - fatigue
 - hoon behaviour
 - inattention
 - speed (high speed or inappropriate for circumstances)
- road users including:
 - cyclists and skaters
 - farm vehicles
 - heavy commercial vehicles
 - mobility scooters
 - other drivers
 - passengers
 - pedestrians
 - segways
- passive road network safety features including:
 - breakaway poles
 - culvert (1 metre sealed)
 - decoy road work vehicles
 - frangible poles
 - safety rails/barriers
 - separated dual carriage lanes
 - water barriers
- potential consequences of not adhering to road networks and traffic control devices including:
 - economic impact
 - emotional reaction
 - financial effect
 - legal repercussions
 - physical injury
 - social repercussions
- risk factors and how they affect performance
- relevant Australian Road Rules and legislation
- relevant state/territory road and traffic authority.

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, Australian Road Rules, codes of practice and operation manuals.

Driving a vehicle is not part of the assessment of this unit of competency.

Simulators are not suitable for final assessment of this unit of competency.

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