



Australian Government

TLIF0078 Recognise motor vehicle road crash risks and post-crash actions

Release: 2

TLIF0078 Recognise motor vehicle road crash risks and post-crash actions

Modification History

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

- 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 recognise motor vehicle road crash risks and post-crash actions in accordance with approved standards, safe working and regulatory requirements.

It includes identifying types of motor vehicle crashes, the risks and causes for these crashes, and post-crash actions.

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.

PERFORMANCE CRITERIA

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

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|--|------------|---|
| 1 Identify types of motor vehicle crashes | 1.1 | Common types of motor vehicle crashes are identified and outlined |
| | 1.2 | Possible risk factors that contribute to motor vehicle crashes are identified |
| 2 Identify risks and causes of motor vehicle crashes | 2.1 | Common causes of motor vehicle crashes are explained |
| | 2.2 | Human, environmental and vehicular factors that contribute to motor vehicle crashes are identified and outlined |
| | 2.3 | Measures to prevent the most common road crashes are identified |
| 3 Identify actions to be taken post-crash by drivers and others | 3.1 | Legal obligations of drivers and others after a motor vehicle crash are explained |
| | 3.2 | Practical strategies that can be applied to a crash scene to decrease further risk are identified |

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 TLIF0078A Recognise motor vehicle road crash risks and post-crash actions.

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 TLIF0078 Recognise motor vehicle road crash risks and post-crash actions

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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:

- explaining common causes of major road crashes
- explaining factors that contribute to motor vehicle crashes
- explaining legal obligations of a driver and others post-crash
- explaining the common types of major road crashes
- identifying risk management strategies at a crash scene
- reading, interpreting and following instructions, procedures and information.

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:

- human, environmental and vehicular factors including:
 - human:
 - fatigue
 - drugs
 - alcohol
 - speed
 - inattention
 - distraction
 - environmental:
 - road surface (gravel/sealed)
 - animals
 - road debris
 - geographical obstacle
 - architectural obstacle

- vehicular factors:
 - mechanical failure
 - vehicle defects – tyres and brakes
- relevant regulations and rules
- relevant risk factors and how they affect motor vehicle performance
- types of common motor vehicle crashes including:
 - rear end collision
 - side impact collision/adjacent direction collision
 - right turn in front of oncoming traffic
 - run off road on straight collision
 - run off road on curve collision
 - head-on collision
 - pedestrian collision
- types of common motor vehicle crashes and their potential causes including:
 - rear end collision:
 - travelling too fast
 - not leaving enough distance between vehicles
 - side impact collision/adjacent direction collision:
 - poor or insufficient scanning of driving environment
 - not sufficiently judging gap in traffic
 - overconfidence in driving ability
 - head on collision:
 - not judging speed or distance correctly when overtaking
 - not detecting hazards early enough
 - impatience
 - run off road on straight collision:
 - travelling too fast for conditions
 - inexperience resulting in over steering or misjudging distances
 - pedestrian collision:
 - pedestrians not judging amount of time it takes a vehicle to stop
 - encountering intoxicated or unpredictable pedestrians
 - right turn in front of oncoming traffic:
 - not judging speed accurately.

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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