



Australian Government

TLIC3037 Apply safe heavy vehicle driving behaviours

Release: 2

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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 Knowledge Evidence and 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 for higher-order operating of heavy vehicles. This unit applies to heavy vehicle drivers required to apply safe operating driving behaviours.

This includes higher-order skills involving broad cognitive, technical, communication and vehicle management. It also requires knowledge about hazard perception, risk control and safe driving behaviour, judgement, decision making and multi-tasking that builds on basic driver licence requirements across a nominated heavy vehicle class and driving situations.

Safe heavy vehicle driving behaviours are applied without supervision.

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

Pre-requisite Unit

Not applicable.

Competency Field

C – Vehicle Operation

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.

- 1 Apply relevant legislation applicable to safe operation of a heavy vehicle**
 - 1.1 Current road rules and heavy vehicle national law or applicable state/territory law and regulations are identified, interpreted and applied
 - 1.2 Road signs, signals and markings are identified and complied with in safe heavy vehicle driving activities
 - 1.3 Purpose of road rules and traffic safety laws in ensuring safe and efficient regulation of traffic flow is interpreted and applied when driving a heavy vehicle
- 2 Inspect vehicle and secure load for safe transportation of goods/cargo**
 - 2.1 Visual safety checks of internal and external condition of vehicle/trailer is undertaken in accordance with manufacturer specifications and workplace procedures
 - 2.2 Internal controls and gauges relating to safe vehicle operation are inspected
 - 2.3 Pre-operational inspections and checks of vehicle/trailer brake systems, suspension, axles, electrical systems, wheels and tyres, and couplings are undertaken in accordance with national road safety standards, as required
 - 2.4 Associated equipment is tested to ensure it functions correctly in accordance with manufacturer specifications
 - 2.5 Distribution of vehicle load is checked to ensure it is even, legal and within safe working capacity and mass management requirements
 - 2.6 Load is checked to ensure dangerous goods (DG) and hazardous substances are appropriately segregated in accordance with the current Australian Dangerous Goods (ADG) Code, as required
 - 2.7 Load is secured in accordance with load restraint guidelines and protection equipment for different loads, carrying and storage conditions
 - 2.8 Load is protected in accordance with legal and workplace safety requirements
 - 2.9 All required goods documentation is completed in accordance with workplace requirements and the current ADG Code, as required

- 3 Apply safe heavy vehicle driving behaviours**
- 3.1** Requirements for safe heavy vehicle driving are applied
 - 3.2** Importance of attitude in complying with road rules in relation to level of risk faced by a driver is applied when driving a heavy vehicle
 - 3.3** Importance of road sharing principles is applied when driving a heavy vehicle, including interacting courteously with other road users, in accordance with road rules to ensure safe and efficient traffic flow
 - 3.4** Importance of motivation to drive safely is interpreted and explained
 - 3.5** Principles of proactive driving methods that maintain one's driving at a low-level risk are identified and applied
 - 3.6** Contributing risk factors to potential crash risks are identified and taken into consideration
- 4 Apply low-risk heavy vehicle driving strategies**
- 4.1** Contributing risk factors to forming opinions and beliefs about low-risk driving are applied
 - 4.2** Human factors that can influence low-risk driving behaviour are outlined
 - 4.3** Low-risk driving strategies are applied and their rationale explained
- 5 Explain risk factors that contribute to accidents when driving a heavy vehicle**
- 5.1** Contributing risk factors to accidents are recognised
 - 5.2** External factors that could lead to accidents are outlined
 - 5.3** Internal factors that could lead to accidents are outlined
 - 5.4** Consequences of accidents in relation to relevant traffic laws and physical, financial and psychological costs to the individual and society are explained
 - 5.5** Functions of vehicle operations and control, and how to recover control of a vehicle are explained
- 6 Apply heavy vehicle operation and control**
- 6.1** Appropriate action is taken to respond to hazardous situations and various road surfaces

skills

- 6.2 Principles of braking are applied to a high level of technical competence
- 6.3 Principles of steering are applied to a high level of technical competence
- 6.4 Slow speed manoeuvres are carried out to a high level of technical competence
- 6.5 Vehicle is operated and controlled at a high level of technical competence

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 but is not equivalent to TLIC3037A Apply safe heavy vehicle driving behaviours.

Links

Companion Volume Implementation Guides are found in VETNet -

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