TLIC3037 Apply safe heavy vehicle driving behaviours

Release: 1
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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 for higher-order safe driving. This unit applies to heavy vehicle drivers required to apply safe 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

<table>
<thead>
<tr>
<th>ELEMENTS</th>
<th>PERFORMANCE CRITERIA</th>
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<tbody>
<tr>
<td>Elements describe the essential outcomes.</td>
<td>Performance criteria describe the performance needed to demonstrate achievement of the element.</td>
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<tr>
<td>1 Apply relevant legislation applicable to safe heavy vehicle</td>
<td>1.1 Current road rules and regulations are identified, interpreted and applied</td>
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<td></td>
<td>1.2 Road signs, signals and markings are identified and complied</td>
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driving 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 check 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 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
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 are 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 is 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 skills

6.1 Appropriate action is taken to respond to hazardous situations

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.

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

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 -