Assessment Requirements for 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.

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:

- adapting to differences in heavy vehicles, including their controls and safety devices, and the driving environment
- applying correct selection and application of a braking and gear system
- applying correct steering control techniques in a variety of driving conditions
- applying high-level road craft skills
- applying road rules
- carrying out pre-operational checks and related action on heavy vehicles
- complying with appropriate legislative, regulatory and procedural requirements while driving a heavy vehicle
- dealing with adverse conditions while driving a heavy vehicle
- evaluating risk and consequences of own driving actions
- following operational instructions
- identifying risk factors that might impact on driving behaviours and implementing appropriate low-risk driving response measures
- identifying, monitoring and anticipating traffic hazards and taking appropriate and timely action
- implementing contingency plans
- implementing work health and safety (WHS)/occupational health and safety (OHS) requirements and practices when:
  - conducting prestart-up checks
  - identifying hazards
  - minimising, controlling or eliminating hazards
  - observing and interpreting driver behaviour that may put people at risk
- maintaining situational awareness
- making necessary adjustments to suit driving environment
- managing speed and space while driving a heavy vehicle
- manoeuvring a heavy vehicle at slow speed
- monitoring and anticipating traffic hazards and taking appropriate and timely action
- monitoring heavy vehicle performance and taking appropriate action as required
• monitoring traffic and road conditions and reacting appropriately
• negotiating complex traffic and road conditions and making appropriate decisions
• reading and interpreting relevant instructions, road rules, procedures, jurisdictional requirements, information and signs
• selecting and using vehicle controls and safety devices to enable safe heavy vehicle driving
• working collaboratively with other road users when driving a heavy vehicle.

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:

• additional equipment fitted to heavy vehicles
• cognitive factors that may influence performance in heavy vehicle driving
• consequences of heavy vehicle accidents
• critical factors underpinning high-level heavy vehicle driving technical competence
• driving hazards and related low-risk driving techniques
• factors contributing to accidents:
  • age, experience, drugs, alcohol, medication, road conditions, fatigue and time of day
  • driver values, emotions, limitations and personal needs
  • emotional factors, driver’s own behaviours and driver’s operation at high levels of risk
  • speed, space, vision, road conditions, vehicle condition and environmental conditions
• heavy vehicle braking systems and techniques for use such as maxi brakes, trailer brakes and exhaust brake system
• load restraint guidelines
• low-risk driving behaviours including:
  • creating and maintaining crash avoidance space
  • protecting crash avoidance space
  • obeying road rules, safety information and directions
• observation and scanning techniques
• procedures for identifying and responding to hazards
• purpose and benefits of road rules enforcement for safe heavy vehicle driving
• range of heavy vehicle and or trailer designs and capabilities (in accordance with manufacturer specifications)
• rationale for ongoing development of traffic regulations to meet changing traffic conditions
• relevant laws and penalties for demerit point offences, such as driving while unlicensed,
disqualified or under the influence of drugs or alcohol

- relevant road rules and traffic safety legislation including:
  - alcohol and drugs
  - driver licensing
  - vehicle registration
  - vehicle standards
- road safety issues including heavy vehicle driver fatigue
- road signs, signals and markings
- sources and availability of relevant learning resources and learning material
- steering operation and control
- types of driving conditions commonly encountered requiring correct selection of appropriate gears to avoid losing control of a heavy vehicle
- types of driving conditions commonly encountered requiring steering operation/control to maintain a heavy vehicle under adverse conditions
- use of pre drive documentation requirements
- vehicle operation and control including:
  - cabin drill
  - start, move off, shut down and secure
  - managing accelerator
  - managing brakes
  - managing steering.

**Assessment Conditions**

**Links**

Companion Volume implementation guides are found in VETNet -