



Australian Government

TLIC3004 Drive heavy rigid vehicle

Release: 2

TLIC3004 Drive heavy rigid vehicle

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 drive a heavy rigid vehicle safely in compliance with relevant state/territory road and traffic authority licence requirements and regulations including road rules for heavy rigid vehicles.

It includes maintaining systematic and efficient control of all vehicle functions, monitoring traffic and road conditions, managing vehicle condition and performance, and effectively managing hazardous situations.

Driving is performed with limited or minimum supervision, and with duty of care responsibility for self and others in achieving the prescribed outcomes.

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 Drive heavy rigid vehicle | 1.1 Heavy rigid vehicle is started, steered, manoeuvred, positioned and stopped in accordance with traffic regulations and manufacturer instructions |
| | 1.2 Engine power is managed to ensure efficiency and performance, and to minimise engine and gear damage |
| | 1.3 Engine operation is maintained within manufacturer specified torque range and temperature through effective gear selection and smooth transition in gear changes |
| | 1.4 Heavy rigid vehicle braking system is managed and operated to ensure effective vehicle control under all conditions |
| | 1.5 Driving hazards are identified and/or anticipated and avoided or controlled through defensive driving |
| | 1.6 Heavy rigid vehicle is driven in reverse, maintaining visibility and achieving accurate positioning |
| | 1.7 Heavy rigid vehicle is parked, shut down and secured in accordance with manufacturer specifications, traffic regulations and workplace procedures |
| | 1.8 Over width and overweight permit applications are completed and submitted in accordance with relevant regulatory requirements, as required |
| | 1.9 Appropriate procedures are followed in a driving emergency |
| 2 Monitor traffic and road conditions | 2.1 Most efficient route of travel is taken by monitoring and anticipating traffic flows and conditions, road standards and other factors likely to cause delays or route deviations |
| | 2.2 Traffic and road conditions are constantly monitored and acted on to enable safe operation and to ensure no injury to people or damage to property, equipment loads and facilities |
| 3 Monitor and maintain vehicle performance | 3.1 Vehicle performance is maintained through pre-operational inspections and vehicle checks |
| | 3.2 Performance and efficiency of vehicle operation is monitored during use |
| | 3.3 Defective or irregular performance or malfunctions are |

reported to appropriate authority

- 3.4** Vehicle records are maintained/updated and information is processed in accordance with workplace procedures

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 TLIC3004A Drive heavy rigid vehicle.

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 TLIC3004 Drive heavy rigid vehicle

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.

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:

- applying precautions and required actions to minimise, control or eliminate identified hazards
- carrying out pre-operational checks
- completing relevant documentation
- demonstrating low-risk driving behaviours
- monitoring and anticipating traffic hazards and taking appropriate actions
- monitoring performance of vehicle and its equipment, and taking appropriate action, as required
- operating and adapting to differences in equipment in accordance with operating procedures
- reading and interpreting relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions promptly in accordance with regulatory requirements and workplace procedures.

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:

- causes and effects of fatigue on drivers
- differences between transmission types
- driving hazards and related defensive driving techniques
- efficient driving techniques
- engine power management and safe driving strategies
- factors that increase fatigue-related accidents
- factors that may cause traffic delays and diversions, and related actions that can be taken
- fatigue management strategies and on-road techniques
- heavy rigid vehicle controls, instruments and indicators, and their use
- heavy rigid vehicle handling procedures
- lifestyles that promote effective long-term fatigue management

- pre-operational checks carried out on heavy rigid vehicle and related actions
- principles of operation of air brakes and procedures for their use
- principles of stress management when driving a vehicle
- procedures to be followed in a driving emergency
- relevant state/territory road and traffic authority road rules, regulations, permits and licence requirements
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- workplace driving and operational instructions.

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.

Assessment of this unit may be undertaken within a licensing examination conducted by, or under the authority of, the relevant state/territory road and traffic authority.

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, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

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