



Australian Government

TLIC2050 Operate a terminal tractor

Release: 1

TLIC2050 Operate a terminal tractor

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 to safely operate a terminal tractor and associated equipment.

It includes operating a terminal tractor, and monitoring and maintaining vehicle performance.

Operation is performed with limited 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.

1 Operate a terminal tractor

PERFORMANCE CRITERIA

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

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| 1.1 | Job hazards are identified and required action is taken to minimise, control or eliminate identified hazards |
| 1.2 | Vehicle is started, steered, manoeuvred, positioned and stopped in accordance with traffic regulations, manufacturer instructions and workplace procedures |

- 1.3 Engine power is managed to ensure efficiency and performance, and to minimise engine and transmission damage
 - 1.4 Vehicle is safely driven in reverse, maintaining visibility and achieving accurate positioning for coupling to a trailer
 - 1.5 Trailer is coupled, tug test is performed, legs are sufficiently raised from the ground, and air and electrical leads are connected in preparation for manoeuvring, in accordance with manufacturer instructions and relevant workplace policies and procedures
 - 1.6 Clear travel path is identified and coupled vehicle is moved and positioned in a manner safe for loading, unloading or parking, in accordance with workplace procedures
 - 1.7 Trailer legs are lowered sufficiently for unhitching, air and electrical leads are disconnected, turntable is released for uncoupling and vehicle is safely manoeuvred from underneath trailer
 - 1.8 Vehicle lights and indicators are used in accordance with traffic regulations, manufacturer instructions and workplace procedures
 - 1.9 Vehicle is parked, shut down and secured in accordance with manufacturer specifications and workplace procedures
 - 1.10 Vehicle positioning and movement are made convenient and safe for loading and unloading in accordance with workplace procedures
 - 1.11 Associated equipment is operated in accordance with manufacturer and workplace procedures
- 2 Monitor and maintain vehicle performance**
- 2.1 Vehicle performance is safely maintained through pre-operational inspections and vehicle checks
 - 2.2 Performance and efficiency of vehicle operation is monitored during use
 - 2.3 Vehicle is driven in a manner that incorporates eco driving principles
 - 2.4 Defective or irregular performance or malfunctions are repaired as a minor repair or reported to appropriate authority
 - 2.5 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.

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

Unit Mapping Information

This unit replaces and is equivalent to TLIC2050A Operate a terminal tractor.

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 TLIC2050 Operate a terminal tractor

Modification History

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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:

- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- checking and replenishing fluids and carrying out lubrication processes during work activities
- communicating effectively with others
- completing relevant documentation
- demonstrating low-risk driving behaviours
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring and anticipating traffic hazards and taking appropriate action
- monitoring vehicle performance and taking appropriate action as required
- reporting and/or rectifying identified problems, faults or malfunctions promptly, in accordance with regulatory requirements and workplace procedures
- reading and interpreting relevant instructions, procedures, information and signs
- working collaboratively with others
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

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:

- differences between transmission types
- driving hazards and related defensive operating techniques
- efficient driving techniques
- engine power management and safe operating strategies
- pre-operational checks carried out on vehicle and related action
- relevant state/territory road traffic authority road rules, regulations, permit and licence

requirements terminal tractor associated equipment

- relevant work health safety(WHS)/occupational health and safety (OHS) and environmental/emissions procedures and regulations
- vehicle controls, instruments and indicators, and their use
- vehicle handling procedures
- workplace driving and operational instructions.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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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.

Practical driving aspects must be assessed in a terminal tractor, tug or prime mover typical of that used in industry

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 include:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry.

A simulator/online assessment is not suitable for the final assessment of this unit of competency.

Links

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