



Australian Government

TLIC2075 Drive and monitor medium or heavy self-propelled on-track equipment

Release: 1

TLIC2075 Drive and monitor medium or heavy self-propelled on-track equipment

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 drive and monitor medium/heavy self-propelled on-track equipment in accordance with safeworking requirements, network owner and/or organisational policies and procedures.

It includes driving and monitoring medium/heavy self-propelled on-track equipment, controlling and monitoring medium/heavy self-propelled on-track equipment, and responding to changed operating factors.

Medium/heavy on-track equipment generally weighs more than 10 tonnes and is permanently railed. Medium/heavy self-propelled track vehicles may include:

- ballast cleaner
- ballast regulator
- dynamic stabiliser
- inserter/remover (TR10)
- rail crane
- rail grinder
- spot tamper
- tamper
- track layer
- track recorder.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with any codes of practice and/or guidelines as they apply to driving and monitoring medium or heavy self-propelled on-track equipment.

This unit does not cover operating medium/heavy self-propelled on-track equipment to complete work activities. This must be covered by individual assessments for the equipment concerned.

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 Drive and monitor medium/heavy self-propelled on-track equipment

2 Control and monitor medium/heavy self-propelled on-track equipment

PERFORMANCE CRITERIA

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

- 1.1 Authority is obtained from relevant personnel to travel vehicle in accordance with network owner procedures
 - 1.2 Vehicle is driven in accordance with manufacturer instructions and organisational procedures
 - 1.3 Vehicle handling techniques are applied to eliminate or minimise risk of injury to personnel or damage to equipment
 - 1.4 Vehicle is monitored and faults, defects and inefficiencies are identified to maintain optimum running conditions
 - 1.5 Appropriate action is taken in response to identified faults, defects and inefficiencies to ensure safe operation of vehicle
- 2.1 Events and circumstances affecting planned running schedule are communicated to relevant personnel in accordance with organisational procedures
 - 2.2 Instructions received from relevant personnel are interpreted and applied to ensure safe and effective control of vehicle
 - 2.3 Communications are maintained with relevant personnel during train journey in accordance with relevant safeworking systems, network requirements and organisational procedures

- 2.4 Instructions concerning vehicle operation are given to relevant personnel to ensure safe and efficient running
- 3 Respond to changed operating factors**
- 3.1 Temporary signs and/or signals, hand signals and verbal movement commands are interpreted and followed, in accordance with safeworking systems, network owner requirements and organisational procedures
- 3.2 Hazardous/emergency situations are recognised and appropriate actions are taken in accordance with safeworking systems, network owner requirements and organisational 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 TLIC2075A Drive and monitor medium or heavy self-propelled on-track equipment.

Links

Companion Volume implementation guides are found in VETNet -

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