



Australian Government

TLI27221 Certificate II in Rail Track Vehicle Driving

Release 1

TLI27221 Certificate II in Rail Track Vehicle Driving

Modification History

Release 1. This is the first release of this qualification in the TLI Transport and Logistics Training Package.

Qualification Description

This is a general qualification for a person driving a medium/heavy rail track vehicle from one location to another over main line track.

It involves a broad range of skilled applications in a wide variety of contexts, which may involve application of some discretion and judgement in selecting equipment, services or contingency measures. It may also include responsibility for coordinating the work of others.

Job roles

Job roles and titles vary across different sectors. Possible job titles relevant to this qualification include:

- track vehicle operator/driver
- track machine driver.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

A total of **17 units of competency** comprising:

- **11 core units** listed below, plus
- **6 general elective units** from the general elective units listed below.

Up to 3 of the general elective units may be selected from any relevant nationally endorsed Training Package. The general elective units must contribute to the vocational outcomes of the qualification.

Where imported units are selected, care must be taken to ensure that all prerequisite units specified are complied with.

Where a prerequisite is attached to a unit it is identified by the symbol ⊥

Core units

TLIC0016	Identify and respond to signals and trackside signs
TLIC2075	Drive and monitor medium or heavy self-propelled on-track equipment
TLIC2076	Establish and operate braking system on medium/heavy self-propelled on-track equipment
TLIC2080	Start up, shut down and stable medium/heavy self-propelled on-track equipment
TLIE1003	Participate in basic workplace communication
TLIF0020	Safely access the rail corridor
TLIF0025	Follow work health and safety procedures
TLIF2010	Apply fatigue management strategies
TLIF2106	Respond to emergencies and abnormal situations when driving medium/heavy on-track vehicles
TLIU2008	Apply environmental procedures to rail infrastructure
TLIW0007	Operate under track protection rules

General elective units

TLIB0012	Maintain and use hand tools
TLIB1093	Clean equipment and restore worksite
TLIB2001	Check and assess operational capabilities of equipment
TLIB2085	Apply track fundamentals
TLIB2091	Measure and record track geometry
TLIB2130	Diagnose and rectify minor faults on on-track vehicles
TLIB2133	Test medium/heavy track vehicle braking system
TLIC0024	Operate rail traffic with due consideration of route conditions
TLIC0083	Access rail track to travel track vehicle under a proceed authority
TLIC0084	Access rail track to travel track vehicles under manual block working conditions
TLIC2054	Access rail track to run track vehicle within defined worksite

TLIC2074	Couple and uncouple track maintenance vehicles
TLID0020	Shift materials safely using manual handling methods
TLIE0002	Process workplace documentation
TLIE2031	Use communication systems for on-track vehicle operations
TLIF0008	Apply safety critical communications in the rail environment
TLIF2006	Apply accident-emergency procedures
TLIF2018	Operate firefighting equipment
TLIF3058	Apply safeworking rules and regulations to rail functions
TLIF3091	Apply awareness of dangerous goods and hazardous materials requirements
TLII4022	Identify and meet customer requirements
TLIK2010	Use infotechnology devices in the workplace
TLIS2030	Carry out track ballasting
TLIW2028	Identify the principles of ballast cleaning operations
TLIW2029	Identify the principles of ballast regulator operations
TLIW2030	Identify the principles of dynamic track stabiliser operations
TLIW2031	Identify the principles of self-propelled rail grinder operations
TLIW2032	Identify the principles of tamping machine operations
TLIW2033	Identify the principles of mechanised track laying operations
TLIW2037	Clip and secure points
TLIW3026	Operate stand alone signalling/point control equipment

Qualification Mapping Information

This qualification replaces and is equivalent to TLI27220 Certificate II in Rail Track Vehicle Driving.

Links

Companion Volume Implementation Guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

