



Australian Government

TLI22113 Certificate II in Rail Track Vehicle Driving

Release 1

TLI22113 Certificate II in Rail Track Vehicle Driving

Modification History

Release 1 - This is the first release of this qualification in TLI10 Transport and Logistics Training Package Version 3.0.

Description

Rationale:

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.
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Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for TLI32113 Certificate II in Rail Track Vehicle Driving

The following table contains a summary of the employability skills as identified by the Transport and Logistics Industry for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	• Use communication systems and procedures used rail track vehicle driving • Read and follow relevant, instructions, manuals, notices and signs applicable to their role as a rail track vehicle driver • Speak clearly and directly on matters related to their role as a rail track vehicle driver • Complete documents as part of duties, including completion of relevant forms • Recognise and interpret non-verbal signs, signals and behaviour • Use relevant communication equipment.
Teamwork	• Participate in the resolution of any interpersonal conflicts that may arise during rail track vehicle driving • Avoid and prevent the harassment of others in the workplace • Collaborate with others in the course of rail track vehicle driving • Work with persons of different ages, gender, race, religion, political persuasion, etc.
Problem solving	• Identify and solve or report problems arising in the course of rail track vehicle driving • Recognise problems that may occur in the course rail track vehicle driving and take appropriate action to report or resolve the problems within limits of responsibility • Recognise hazards and risks in a range of rail track vehicle driving situations and take appropriate precautions.
Initiative and enterprise	• Respond appropriately to any changes in equipment, standard operating procedures and the working environment.
Planning and organising	• Follow and apply operational and emergency plans, systems and procedures • Comply with applicable rail and safety regulations and

- codes of practice
- Follow and apply workplace security and safety management systems and safeworking requirements
- Collect and interpret information needed in the course of rail track vehicle driving within limits of responsibility
- Manage time when driving rail track vehicles.
- Self management**
 - Interpret and apply applicable instructions and procedures
 - Follow work plans and schedules
 - Check own work performance.
- Learning**
 - Participate in updating of own knowledge and skills required for rail track vehicle driving, in response to any changes in the processes and equipment used in rail track vehicle driving.
- Technology**
 - Operate equipment and use tools required during rail track vehicle driving
 - Follow and apply operational and servicing instructions for equipment used during rail track vehicle driving
 - Follow and apply the applicable safeworking requirements and OH&S procedures when using equipment and facilities.

Packaging Rules

Requirements for completion of the qualification:

A successful assessment outcome for a total of **17 units** of competency comprising:

- **11 core units** listed below

plus

- **6 elective units** from the **general elective units** listed below. Alternatively, **up to 3 units** may be drawn with appropriate contextualisation from any currently endorsed national Training Package or accredited course, provided that the unit contributes to the vocational outcome of the qualification.

Where imported units are selected, care must be taken to ensure that all prerequisites specified in the unit are complied with.

Core units

Field	Unit
C Vehicle Operation	TLIC2075A Drive and monitor medium/heavy self-propelled on-track equipment
	TLIC2076A Establish and operate braking system on medium/heavy self-propelled on-track equipment
	TLIC2078A Identify and respond to signals and trackside signs
	TLIC2080A Start up, shut down and stable medium/heavy self-propelled on-track equipment
E Communication and Calculation	TLIE1003A Participate in basic workplace communication
F Safety Management	TLIF1001A Follow occupational health and safety procedures
	TLIF2010A Apply fatigue management strategies
	TLIF2080C Safely access the rail corridor
	TLIF2106A Respond to emergencies and abnormal situations when driving medium/heavy on-track vehicles
U Environment	TLIU2008A Apply environmental procedures to rail infrastructure
W Equipment and Systems Operations	TLIW2001A Operate under track protection rules

General Elective Units

Field	Unit
B Equipment Checking and Maintenance	TLIB1028A Maintain and use hand tools
	TLIB1093A Clean equipment and restore worksite
	TLIB2001A Check and assess operational capabilities of equipment
	TLIB2085A Apply track fundamentals
	TLIB2091A Measure and record track geometry
	TLIB2130A Diagnose and rectify minor faults on on-track vehicles
	TLIB2133A Test medium/heavy track vehicle braking system
C Vehicle Operation	TLIC2054B Access rail track to run track vehicle within defined worksite
	TLIC0083A Access rail track to travel track vehicle under occupancy authority
	TLIC0084A Access rail track to travel track vehicle/s under block working conditions
	TLIC2074A Couple and uncouple track maintenance vehicles
D Load Handling	TLID1001A Shift materials safely using manual handling methods
E Communication and Calculation	TLIE2008A Process workplace documentation
	TLIE2031A Use communication systems for on-track vehicle operations
F Safety Management	TLIF2006A Apply accident-emergency procedures
	TLIF2018A Operate firefighting equipment
	TLIF3058A Apply safeworking rules and regulations to rail functions
	TLIF3091A Apply awareness of dangerous goods and hazardous materials requirements
I Customer Service	TLII4022A Identify and meet customer requirements
K Technology	TLIK2010A Use infotechnology devices in the workplace
S Construction and	TLIS2030A Carry out track ballasting

	Installation		
W	Equipment and Systems Operations	TLIW2028A	Identify the principles of ballast cleaning operations
		TLIW2029A	
		TLIW2030A	Identify the principles of ballast regulator operations
		TLIW2031A	Identify the principles of dynamic track stabiliser operations
		TLIW2032A	Identify the principles of self-propelled rail grinder operations
		TLIW2033A	Identify the principles of tamping machine operations
		TLIW2037B	Identify the principles of mechanised track laying operations
		TLIW3026B	Clip and secure points Operate stand alone signalling point control equipment

Custom Content Section

Not applicable.