



Australian Government

TLI42613 Certificate IV in Train Driving

Release 2

TLI42613 Certificate IV in Train Driving

Modification History

Release 1. This is the first release of this qualification in TLI10 Transport and Logistics Training Package Version 4.0.

Description

Rationale:

This is a general qualification for a person engaged in driving a train.

Achievement of this qualification requires the application of a broad range of specialised knowledge and skills in varied contexts to undertake skilled work within a train driving environment.

This qualification requires the skills and knowledge to:

- identify, analyse, compare and act on information from a range of sources
- apply and communicate technical solutions of a non-routine or contingency nature to a defined range of predictable and unpredictable problems
- guide activities and provide technical advice in the area of work.

These skills and knowledge will be applied to specialised tasks or functions in known or changing contexts with responsibility for own functions and outputs.

Job roles:

The TLI42613 Certificate IV in Train Driving qualification is aligned to the following defined roles:

- Electric Passenger Train Driver
- Freight Train Driver
- Heavy Haul Train Driver
- Locomotive Driver
- Train Driver.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for TLI42613 Certificate IV in Train 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	• Listen to and interpret verbal information related to train driving • Read and interpret relevant regulations, instructions, signs and labels applicable to train driving • Speak clearly and directly on diverse and complex matters related to train driving • Negotiate complex issues with others in the course of train driving activities • Recognise and interpret non-verbal signs, signals and behaviour • Use relevant communication equipment.
Teamwork	• Collaborate with others in the course of train driving activities • Manage the resolution of any interpersonal conflicts that may arise during train driving activities • Manage the avoidance and prevention of harassment of others in the workplace
Problem solving	• Identify and solve or report complex problems arising in the course of train driving activities • Monitor and anticipate problems that may occur in the course of train driving activities including hazards and risks and take appropriate action to report or resolve the problems within limits of responsibility • Manage the control of hazards and risks in a range of complex and diverse situations that may arise train driving activities • Use mathematics to solve problems such as various calculations related to a wide range of train driving activities
Initiative and enterprise	• Modify activities dependent on differing rail situations and contingencies • Take appropriate initiatives in a diverse range of operational situations such as those above • Manage the response to any changes in equipment, standard operating procedures and the working environment.
Planning and	• Implement and monitor operational and emergency plans,

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|------------------------|---|
| organising | <p>systems and procedures</p> <ul style="list-style-type: none">• Implement and monitor systems and procedures for maintaining compliance with regulations and codes of practice• Monitor and evaluate operational performance and compliance• Organise and plan own supervisory activities• Manage time and priorities in the course of train driving activities. |
| Self management | <ul style="list-style-type: none">• Interpret and apply relevant regulations and instructions• Establish and follow own work plans and schedules• Evaluate and monitor own work performance. |
| Learning | <ul style="list-style-type: none">• Instruct, coach or mentor others in the workplace as required• Contribute to the assessment of the competence of others in the workplace• Assist in creating a learning environment in the workplace• Adapt own competence in response to any changes in rail operations• Update own knowledge and skills required for rail supervisory activities. |
| Technology | <ul style="list-style-type: none">• Use complex equipment and systems required during train driving activities• Implement and monitor operational and maintenance procedures and systems for equipment used during train driving activities• Implement and monitor the application of WHS/OHS procedures when supervising the use of rail equipment and facilities. |

Packaging Rules

Requirements for achievement of the qualification

A successful assessment outcome for a total of **21 units** of competency comprising:

- **13 core units**

plus

- **5 specialist elective units** from Group A, B, C, D or E

plus

at least **3 general elective units** which may be selected from the **general elective units** listed below, units not selected from Group A, B, C, D or E or alternatively, **up to 2 units** appropriate to the job role may be selected from the TLI10 Transport and Logistics Training Package or other relevant nationally endorsed Training Package or accredited course.

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
B	Equipment Checking and Maintenance
	TLIB3075A
	TLIB3118A
	TLIB4079A
C	Vehicle Operation
	TLIB4080A
	TLIC2078A
	TLIC4023A
E	Communication and Calculation
	TLIC4026A
	TLIE2007A
	Use communication systems
F	Safety Management
	TLIF1001A
	TLIF2010A
	TLIF3058A
	TLIF4110A

			emergencies when driving a train
		TLIF4111A	Work effectively in a train-driving environment

Group A Specialist Elective Units (Freight)

Field		Unit	
B	Equipment Checking and Maintenance	TLIB3019B	Test train braking system
		TLIB3026A	Prepare for train operation
		TLIB4078A	Carry out a train roll-by inspection
C	Vehicle Operation	TLIC3027A	Stable a motive power unit
		TLIC4019A	Drive a train to operational requirements

Group B Specialist Elective Units (Urban Electric)

Field		Unit	
B	Equipment Checking and Maintenance	TLIB3105A	Prepare electric passenger train
		TLIB3108A	Test operation of electric passenger train braking system
C	Vehicle Operation	TLIC3046A	Drive and operate electric passenger train
		TLIC3047A	Stable electric passenger train
		TLIC3048B	Shunt, couple and uncouple electric passenger trains

Group C Specialist Elective Units (Country Passenger)

Field		Unit	
B	Equipment Checking and Maintenance	TLIB3019B	Test train braking system
		TLIB3026A	Prepare for train operation
		TLIB4078A	Carry out a train roll-by inspection

C	Vehicle Operation	TLIC3027A	Stable a motive power unit
		TLIC4019A	Drive a train to operational requirements

Group D Specialist Elective Units (Steam Locomotive)

Field		Unit	
B	Equipment Checking and Maintenance	TLIB3124A	Apply awareness of steam locomotive fundamentals
		TLIB4077A	Inspect and prepare a heritage steam locomotive
C	Vehicle Operation	TLIC3030A	Operate and monitor a heritage steam locomotive
		TLIC3031A	Stable a heritage steam locomotive
		TLIC4019A	Drive a train to operational requirements

Group E Specialist Elective Units (Heritage Motive Power)

Field		Unit	
B	Equipment Checking and Maintenance	TLIB3123A	Apply awareness of motive power unit fundamentals
		TLIB4076A	Inspect and prepare a heritage motive power unit
C	Vehicle Operation	TLIC3028A	Operate and monitor a heritage motive power unit
		TLIC3029A	Stable a heritage motive power unit
		TLIC4019A	Drive a train to operational requirements

General Elective Units

Field		Unit	
B	Equipment Checking and	TLIB3018A	Conduct full train examination
		TLIB3027A	Set up and shut down on-train remote control

	Maintenance		system
		TLIB4081A	Provision a motive power unit
		TLIB4082A	Set up motive power units in multi-coupled consist
C	Vehicle Operation	TLIC3018A	Operate on-train remote control system
		TLIC3082A	Operate a locomotive by portable remote control
		TLIC4071A	Establish and operate train braking system
		TLIC4072A	Operate and monitor a motive power unit on a main line
		TLIC4073A	Set up, operate and shut down a distributed power system
		TLIC4074A	Shunt, couple and uncouple rail vehicles
D	Load Handling	TLID1001A	Shift materials safely using manual handling methods
E	Communication and Calculation	TLIE1003A	Participate in basic workplace communications
		TLIE2008A	Process workplace documentation
		TLIE3021A	Work and communicate effectively with others
F	Safety Management	TLIF2018A	Operate fire fighting equipment
		TLIF2080C	Safely access the rail corridor
		TLIF2097A	Use audible track warning devices
		TLIF3091A	Apply awareness of dangerous goods and hazardous materials requirements
		HLTFA311A	Apply first aid
G	Teamwork	TLIG1001A	Work effectively with others
		TLIG2007A	Work in a socially diverse environment
		SITXCOM401	Manage conflict

I	Customer Service	TLII3022A	Provide customer service in rail operations
L	Resource Management	TLIL2048A	Prepare for train departure
		TLIL4009A	Manage personal work priorities and professional development
		TLIL4083A	Assist with train operations
U	Environment	TLIU4011A	Apply environmental procedures to rail operations
W	Equipment and Systems Operations	TLIW2037B	Clip and secure points
		TLIW3026B	Operate stand alone signalling points control equipment

Custom Content Section

Not applicable.