



Australian Government

TLI22213 Certificate II in Tram or Light Rail Infrastructure

Release 1

TLI22213 Certificate II in Tram or Light Rail Infrastructure

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 engaged in basic operations within the tram/light rail infrastructure environment undertaking a range of tasks involving known routines and procedures, and taking some responsibility for the quality of work outcomes.

Job roles:

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

- Tram Infrastructure Track Worker Level 1-3
- Light Rail Track Worker.
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Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for TLI22213 Certificate II in Tram or Light Rail Infrastructure

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	<ul style="list-style-type: none"> • Use communication systems and procedures used in tram/light rail construction and/or maintenance of rail infrastructure • Read and follow relevant, instructions, manuals, notices and signs applicable to their role within the construction and/or maintenance of tram/light rail infrastructure • Speak clearly and directly on matters related to their role within the construction and/or maintenance of tram/light rail infrastructure • 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	<ul style="list-style-type: none"> • Participate in the resolution of any interpersonal conflicts that may arise during construction and/or maintenance of tram/light rail infrastructure • Avoid and prevent the harassment of others in the workplace • Collaborate with others in the course of construction and/or maintenance of tram/light rail infrastructure • Work with persons of different ages, gender, race, religion, political persuasion, etc.
Problem solving	<ul style="list-style-type: none"> • Identify and solve or report problems arising in the course of construction and/or maintenance of tram/light rail infrastructure • Recognise problems that may occur in the course of construction and/or maintenance of tram/light rail infrastructure and take appropriate action to report or resolve the problems within limits of responsibility • Recognise hazards and risks in a range of tram/light rail situations and take appropriate precautions.
Initiative and enterprise	<ul style="list-style-type: none"> • Respond appropriately to any changes in equipment, standard operating procedures and the working environment.
Planning and organising	<ul style="list-style-type: none"> • Follow and apply operational and emergency plans, systems and procedures • Comply with applicable rail and safety regulations and codes of

	practice
	<ul style="list-style-type: none">• Follow and apply workplace security and safety management systems and safeworking requirements• Collect and interpret information needed in the course of the construction and/or maintenance of tram/light rail infrastructure within limits of responsibility• Manage time in the course of construction and/or maintenance of rail infrastructure.
Self management	<ul style="list-style-type: none">• Interpret and apply applicable instructions and procedures• Follow work plans and schedules• Check own work performance.
Learning	<ul style="list-style-type: none">• Participate in updating of own knowledge and skills required for tram/light rail activities, in response to any changes in the processes and equipment used in the construction and/or maintenance of tram/light rail infrastructure.
Technology	<ul style="list-style-type: none">• Operate equipment and use tools required during the construction and/or maintenance of tram/light rail infrastructure• Follow and apply operational and servicing instructions for equipment used during the construction and/or maintenance of tram/light rail infrastructure• 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 **16 units** of competency comprising:

- **10 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	
B	Equipment Checking and Maintenance	TLIB1028A	Maintain and use hand tools
		TLIB2125A	Apply awareness of tram/light rail track fundamentals
		TLIB2092A	Operate minor mechanical equipment
D	Load Handling	TLID1001A	Shift materials safely using manual handling methods
E	Communication and Calculation	TLIE1003A	Participate in basic workplace communication
		MEM12023A	Perform engineering measurements
F	Safety Management	TLIF1001A	Follow occupational health and safety procedures
		TLIF2010A	Apply fatigue management strategies
U	Environment	TLIU2008A	Apply environmental procedures to rail infrastructure
W	Equipment and Systems Operations	RIOHS205A	Control traffic with stop-slow bat

General Elective Units

Field		Units of Competency	
B	Equipment Checking and	TLIB1093A	Clean equipment and restore worksite
		TLIB2001A	Check and assess operational capabilities of

	Maintenance		equipment
C	Vehicle Operation	TLIC2059A	Propel and operate light on-track equipment
F	Safety Management	TLIF2080C	Safely access the rail corridor
G	Teamwork	TLIG1001A TLIG2007A	Work effectively with others Work in a socially diverse environment
K	Technology	TLIK2010A	Use infotechnology devices in the workplace
S	Construction and Installation	TLIS2027A TLIS2030A TLIS2031A TLIS2034A TLIS2044A RIICCM209A RIICCM205A RIICCM207A	Install and maintain surface track drainage Carry out track ballasting Install railway sleepers Install and repair rail fastening systems Carry out rail installation Carry out concrete work Carry out manual excavation Spread and compact materials manually
W	Equipment and Systems Operations	TLIW2001A TLIW3027A TLIW3035A RIIOHS302A	Operate under track protection rules Operate minor track equipment Heat & cut materials using oxy-LPG equipment for the rail industry Implement traffic management plan

Custom Content Section

Not applicable.