



Australian Government

TLI32913 Certificate III in Tram or Light Rail Infrastructure

Release 1

TLI32913 Certificate III 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 persons engaged in the tram/light rail infrastructure environment who perform tasks involving a broad range of skilled applications applied in a wide variety of contexts, which may involve application of some discretion and judgment in selecting equipment, services or contingency measures. It may also include responsibility for coordinating the work of others.

Job roles:

The TLI32913 Certificate III in Tram or Light Rail Infrastructure qualification is aligned to the following defined roles:

- Tram Infrastructure Track Worker Level 4
- Light Rail Track Worker.
-

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

The entry requirements for this qualification are:

- TLI22913 Certificate II in Tram or Light Rail Infrastructure or
- equivalent vocational experience working within the rail infrastructure environment.
-

Employability Skills Summary

Employability Skills Summary for TLI32913 Certificate III 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	• Implement and monitor communication systems and procedures required for construction and/or maintenance operations on tram/light rail infrastructure • Read and interpret relevant procedures, instructions, signs and labels applicable to the supervision of construction and/or maintenance operations on tram/light rail infrastructure • Speak clearly and directly on matters related to construction and/or maintenance operations on tram/light rail infrastructure • Listen to and interpret verbal information related to construction and/or maintenance operations on tram/light rail infrastructure • Write/Complete basic documents as part of duties • Negotiate issues with others in the course of construction and maintenance operations on tram/light rail infrastructure • Recognise and interpret non-verbal signs, signals and behaviour • Use relevant communication equipment.
Teamwork	• Work effectively with others in the course of construction and/or maintenance operations on tram/light rail infrastructure • Provide leadership to team or workgroup • Motivate others in the workplace • Assist others in the workplace to achieve and maintain competence • Assist in the resolution of any interpersonal conflicts that may arise during construction and/or maintenance operations on tram/light rail infrastructure

- Avoid and prevent the harassment of others in the workplace
- 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 construction and/or maintenance operations on tram/light rail infrastructure
 - Monitor and anticipate problems that may occur in the course of construction and/or maintenance operations on tram/light rail infrastructure and take appropriate action to report or resolve the problems within limits of responsibility
 - Identify and control hazards and risks in a range of rail infrastructure situations and take appropriate precautions
 - Use mathematics to solve various calculations related to construction and/or maintenance operations on tram/light rail infrastructure.
- Initiative and enterprise**
 - Modify activities dependent on differing rail infrastructure situations and contingencies
 - Take appropriate initiatives in a range of operational situations such as those above
 - 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
 - Implement the workplace security and safety management systems
 - Monitor and evaluate operational performance and compliance
 - Collect and interpret information needed in the course of construction and/or maintenance operations on tram/light rail infrastructure
 - Organise and plan work activities
 - Manage time and priorities in the course of construction and/or maintenance operations on tram/light rail infrastructure.
- Self management**
 - Interpret and apply procedures and instructions
 - Establish and follow own work plans and schedules
 - Evaluate own work performance.
- Learning**
 - Assist others to adapt to any changes in workplace systems, equipment, procedures and the workplace operating environment
 - Assist in the instruction, coaching or mentoring of others in the workplace
 - Contribute to the assessment of the competence of others in the workplace
 - Participate in the updating of own knowledge and skills required for tram/light rail infrastructure construction and/or

- Technology**
- maintenance activities.
 - Use equipment and materials required during construction and/or maintenance operations on tram/light rail infrastructure
 - Follow and apply operational and servicing instructions for equipment used during construction and/or maintenance operations on tram/light rail infrastructure
 - Follow and apply OH&S procedures when using and servicing tram/light rail equipment and facilities.

Packaging Rules

Requirements for completion of the qualification

A successful assessment outcome for a total of **11 units of competency** comprising:

- **6 core units** listed below

plus

- **5 elective units** from the **general elective units** listed below. Alternatively, **up to 2 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	Units of Competency		
C	Vehicle Operation	TLIC3003A	Drive medium rigid vehicle
E	Communication and Calculation	TLIE2007A TLIE2008A RIICCM203A	Use communication systems Process workplace documentation Read and interpret plans and specifications
W	Equipment and Systems Operations	TLIW3035A TLIW3042A	Heat and cut materials using oxy-LPG equipment for the rail industry Grind rail on tram/light rail systems

General Elective Units

Field	Unit		
B	Equipment Checking and Maintenance	TLIB2097A	Install and maintain guard rails
C	Vehicle Operation	TLIC3045A	Operate road/rail vehicle
D	Load Handling	TLID3033A	Operate a vehicle-mounted loading crane
E	Communication and Calculation	TLIE2029A	Conduct workplace information briefings
F	Safety Management	TLIF2006A TLIF3003A	Apply accident-emergency procedures Implement and monitor occupational health and safety procedures

G	Teamwork	TLIG1001A TLIG2007A TLIG3002A	Work effectively with others Work in a socially diverse environment Lead a work team or group
I	Customer Service	TLII1002A	Apply customer service skills
LIC	Licensing	CPCCLDG3001A TLILIC2001A	Licence to perform dogging Licence to operate a forklift truck
M	Training and Assessment	TAEDEL301A	Provide work skill instruction
W	Equipment and Systems Operation	AHCARB205A TLIW3013A TLIW3043A	Operate and maintain chainsaws Grind switches and crossings Weld rail on tram/light rail systems using electric welding process

Custom Content Section

Not applicable.