



Australian Government

TLI47121 Certificate IV in Rail Infrastructure

Release 1

TLI47121 Certificate IV in Rail Infrastructure

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 qualification for a person engaged in providing infrastructure construction and/or maintenance activities on rail networks.

This qualification requires a broad range of skilled applications within the rail infrastructure environment. It also requires the skills and knowledge to evaluate and analyse current practices, to develop new criteria and procedures, and to provide some leadership and guidance to others in their work.

Job roles

This qualification is suitable for a variety of job roles in the fields of:

- rail structures
- rail track surfacing
- rail track working
- track protection.

Job roles and titles vary across different sectors. Possible job titles relevant to the listed fields include:

- ganger
- leading hand
- possession officer
- principal protection officer (PPO)
- supervisor
- team leader
- track protection officer
- work group leader.

Please note: RTO to insert on the testamur, the specialist elective unit group selected from the group choice below.

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

Entry Requirements

The entry requirement for this qualification is one of the following:

- Certificate III in Mechanical Rail Signalling, or
- Certificate III in Rail Structures, or
- Certificate III in Rail Infrastructure, or
- Certificate III in Track Protection, or
- relevant industry experience gained by working in the rail infrastructure environment.

Packaging Rules

A total of **13 units of competency** comprising:

- **8 core units** listed below, **plus**
- **3 specialist elective units** from one of the specialist elective unit groups (job roles) from Group A or Group B listed below, **plus**
- **2 general elective units** from **Group C** listed below.

Up to **2 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 in the unit are complied with.

Core units

BSBLDR411	Demonstrate leadership in the workplace
BSBPMG420	Apply project scope management techniques
TLIF3089	Implement fatigue management policies and procedures for rail infrastructure
TLIF4088	Implement and coordinate rail safety and WHS risk-control strategies
TLIG0001	Facilitate work teams
TLIJ4009	Implement and monitor quality assurance systems
TLIL0004	Apply conflict and grievance resolution strategies
TLIL4076	Coordinate resources

Specialist elective units

- Group A: Rail Track Working, Rail Track Surfacing or Rail Structures
- Group B: Track Protection.

Group A: Rail Track Working, Rail Track Surfacing or Rail Structures

BSBOPS403	Apply business risk management processes
BSBSTR402	Implement continuous improvement
TLIF2006	Apply accident-emergency procedures
TLIL0003	Apply asset management system

Group B: Track Protection

The selection must include TLIL4069 Plan and coordinate protection for multiple worksites within limits of a work on track authority.

BSBOPS403	Apply business risk management processes
BSBSTR402	Implement continuous improvement
TLIF2006	Apply accident-emergency procedures
TLIL4069	Plan and coordinate protection for multiple worksites within limits of a work on track authority

Group C: General elective units

BSBCMM411	Make presentations
BSBTWK503	Manage meetings
RIIBEF402D	Supervise on-site operations
TLIB0009	Provide first-level rail network wayside technical support remotely
TLIB4042	Conduct inspection of safeworking procedures and infrastructure
TLID0013	Supervise mobile crane operations
TLIF0008	Apply safety critical communications in the rail environment
TLIF0013	Manage the impact of human capabilities/limitations on human performance in a rail environment
TLII4001	Coordinate quality customer service
TLIP0006	Develop plans to meet customer and organisation needs
TLIR0001	Implement purchasing systems
TLIR4002	Source goods/services and evaluate contractors

TLIR4008 Implement and supervise stocktaking procedures

TLIU3011 Implement and monitor environmentally sustainable work practices

Qualification Mapping Information

This qualification replaces and is equivalent to TLI47120 Certificate IV in Rail Infrastructure.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>