

TLI40220 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 Track Working, Rail Track Surfacing or Rail Structures

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

- ganger
- leading hand
- team leader
- work group leader
- supervisor
- possession officer.

Track Protection

Possible job titles relevant to this field include:

- principal protection officer (PPO).

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:

- TLI30420 Certificate III in Mechanical Rail Signalling, or

- TLI32115 Certificate III in Rail Structures, or
- TLI30520 Certificate III in Rail Infrastructure, or
- TLI32715 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

BSBMGT401	Show leadership in the workplace
BSBPMG409	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
TLIG4006	Facilitate work teams
TLIJ4009	Implement and monitor quality assurance systems
TLIL4005	Apply conflict/grievance resolution strategies
TLIL4076	Coordinate resources

Specialist elective units

Select 3 units from one of the following specialist elective groups:

- 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

BSBMGT403	Implement continuous improvement
BSBRISK401	Identify risk and apply risk management processes
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.

BSBMGT403	Implement continuous improvement
BSBRISK401	Identify risk and apply risk management processes
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

BSBADM502	Manage meetings
BSBCMM401	Make a presentation
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
TLIP4001	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 TLI42315 Certificate IV in Rail Infrastructure.

Links

TLI - Transport and Logistics Training Package Companion Volume Implementation Guide at:
[sector webpage link here]