



**Australian Government**

# **TLI47120 Certificate IV in Rail Infrastructure**

**Release 1**

# TLI47120 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:

- TLI31920 Certificate III in Mechanical Rail Signalling, or
- TLI32115 Certificate III in Rail Structures, or

- TLI37120 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

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
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

BSBOPS403	Apply business risk management processes
BSBST402	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**

BSBCM411 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

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

Companion Volume Implementation Guides are found in VETNet -

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