

# Certificate III in Rail Infrastructure unit selections

## TLI32515 Certificate III in Rail Infrastructure

HRD Integrated Services offers skills recognition assessment leading to the Certificate III in Rail Infrastructure or parts of it relevant to a person's job.

The following are SAMPLE qualification options that HRD is able to offer. Workplaces with specific requirements should consult [www.training.gov.au](http://www.training.gov.au) to view qualification packaging rules. Alternatively, you can contact HRD to discuss your particular needs.

The *TLI32515 Certificate III in Rail Infrastructure* qualification calls for completion of 5 core units, plus all electives from one specialist elective group plus a minimum of 2 and up to 4 general electives.

### Core units

RIICCM201A Carry out measurements and calculations	In a construction environment, the knowledge and skill requirements for planning, preparing and performing measurements and calculations and estimating quantities.
TLIE2007 Use communication systems	Use communication systems including identifying system features, operating a communication system effectively, using appropriate communication protocols when using a system, maintaining equipment, and completing documentation.
TLIE2029 Conduct workplace information briefings	Conduct workplace information briefings in accordance with organisational requirements, including preparing and presenting routine workplace documents and delivering oral presentations as part of routine work.
TLIF3003 Implement and monitor occupational health and safety procedures	Implement and monitor OH&S procedures, including accessing information about OH&S and workplace policies and procedures; implementing and monitoring procedures for identifying and assessing hazards; implementing and monitoring/auditing procedures for controlling risks; planning and supervising housekeeping arrangements; and implementing and monitoring procedures for dealing with hazardous events.
TLIJ3002 Apply quality systems	Apply quality systems in workplace operations including working within a quality improvement system and using quality improvement systems, tools and techniques in accordance with enterprise procedures.

The following are **SAMPLES** of the specialist elective unit combinations HRD is able to offer.

### Track maintenance specialist electives

TLIB3094 Check and repair track geometry	Check and repair track geometry in accordance with safeworking and regulatory requirements and workplace procedures. It includes determining the job requirements, restoring track geometry, checking track compliance after work, and completing required documentation.
TLIB3095 Check and repair points and crossings	Check and repair points and crossings in accordance with approved standards, safeworking and regulatory requirements and workplace procedures. It includes determining job requirements, maintaining components and tolerances, installing components, conducting post-installation checks, and completing all required documentation.
TLIS3026 Implement track maintenance and construction	This unit involves the application of routine operational principles and procedures to plan work, implement construction or maintenance activities, deal with maintenance and construction problems, and complete required documentation.
RIICCM203A Read and interpret plans and specifications	Plan and prepare to read and interpret plans and job specifications; recognise amendments and commonly used symbols and abbreviations; Locate and identify key features on site plan; Read and interpret job specifications.
<b>PLUS</b> these suggested general electives	
TLIB2091 Measure and record	Measure and record track geometry in accordance with safeworking and regulatory

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track geometry	requirements and workplace procedures. It includes measuring and recording track geometry, and reporting results.
TLIB3102 Adjust rail	Adjust rail in accordance with safeworking and regulatory requirements and workplace procedures. It includes identifying and determining the requirements for rail adjustment, undertaking rail adjustment, and completing all required documentation.

### Track construction specialist electives

TLIB3094 Check and repair track geometry	Check and repair track geometry in accordance with safeworking and regulatory requirements and workplace procedures. Included is determining the job requirements, restoring track geometry, checking track compliance after work, and completing required documentation.
RIICCM203A Read and interpret plans and specifications	Plan and prepare to read and interpret plans and job specifications; recognise amendments and commonly used symbols and abbreviations; locate and identify key features on site plan; read and interpret job specifications.
TLIS3026 Implement track maintenance and construction	Implement track maintenance and construction activities in accordance with approved standards, safeworking and regulatory requirements and workplace procedures. Plan work, implement construction or maintenance activities, deal with maintenance and construction problems, and complete required documentation.
<b>PLUS</b> these suggested general electives	
TLIS3025 Implement ballast unloading	Implement ballast unloading in accordance with safeworking and regulatory requirements and workplace procedures. Competence includes determining the job requirements, carrying out the unloading activity in accordance with work orders, and completing all required documentation.
TLIS2033 Install and repair temporary track supports	Install and repair temporary track supports in accordance with safeworking and regulatory requirements and workplace procedures. Included is determining job requirements, preparing and installing the temporary support, and completing documentation.
TLIG3002 Lead a work team or group	Lead a work team or group by participating in team/group planning, managing and developing team/group performance, participating in and facilitating the work team/group in its achievement of workplace tasks, and documenting and reviewing work team/group performance.

### Track examination specialist electives

TLIB3099 Examine track infrastructure	Examine track and right of way infrastructure in accordance with safeworking and regulatory requirements and workplace procedures. Prepare for examination, examine track and right of way, analyse examination results and report findings.
TLIB3100 Visually inspect track infrastructure	Visually inspect track infrastructure in accordance with safeworking and regulatory requirements and workplace procedure includes: patrolling the track and right of way infrastructure; and recording and documenting identified defects in accordance with workplace requirements.
<b>PLUS</b> these suggested general electives	
RIICCM203A Read and interpret plans and specifications	Plan and prepare to read and interpret plans and job specifications; recognise amendments and commonly used symbols and abbreviations; locate and identify key features on site plan; read and interpret job specifications.
TLIE2008 Process workplace documentation	Process workplace documentation including planning the documentation to fulfil the identified purpose and completing the documentation in accordance with requirements. Documentation may include forms, logs, diaries and basic hand-written or typed reports. It may also include entry of information into computer-based documents and forms.
TLIF3058 Apply safeworking rules and regulations to rail functions	Apply applicable safeworking rules and regulations to rail functions carried out on rail networks. It includes the correct use of communication protocols; interpreting and responding to radio, hand signal and light commands; interpreting and following relevant safeworking rules and protocols; and taking appropriate action in the event of safety incidents, unsafe situations or emergencies.

### Other specialist elective groups

HRD Integrated Services also offers skills recognition for these specialist elective groups:

- turnout construction
- track welding

- rail testing