



Australian Government

TLI32611 Certificate III in Rail Signalling

Release 2

TLI32611 Certificate III in Rail Signalling

Modification History

Release 2 - One unit updated to current version. Equivalent.

Release 1 - New qualification

Description

Rationale:

This is a general qualification for a person engaged in the controlling of rail traffic movements and operations within a defined or local area.

It involves 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:

This includes but is not limited to the following job roles:

- Signaller
- Area controller
- Yard controller
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Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Entry requirements:

There are no entry requirements for this qualification.

Employability Skills Summary

Employability Skills Summary for TLI32611 Certificate III in Rail Signalling

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	<ul style="list-style-type: none"> • Implement and monitor communication systems and procedures required for rail signalling • Read and interpret relevant regulations, instructions, signs and labels applicable to rail signalling • Speak clearly and directly on matters related to rail operations and rail signalling • Listen to and interpret verbal information related to rail signalling • Write documents as part of duties, including where applicable completion of relevant forms, timesheets, service logs and incident reports • Negotiate issues with others in the course of rail signalling operations • Recognise and interpret non-verbal signs, signals and behaviour • Use relevant communication equipment
Teamwork	<ul style="list-style-type: none"> • Collaborate with others in the course of rail signalling • Provide leadership to other personnel in the workplace • Motivate others in the workplace • Assist others in the workplace to achieve and maintain competence • Assist in the resolution of interpersonal conflicts that may arise during rail operations • Avoid and prevent the harassment of others in the workplace • Work with persons of different ages, gender, race, religion, political persuasion, etc.
Problem solving	<ul style="list-style-type: none"> • Identify and solve or report problems arising in the course of rail signalling operations • Monitor and anticipate problems that may occur in the course of

- signalling operations and take appropriate action to report or resolve them within limits of responsibility
- Identify and control hazards and risks in a range of situations related to rail signalling and take appropriate precautions
 - Use mathematics to solve various calculations related to rail signalling
- Initiative and enterprise**
- Modify activities dependent on differing situations and contingencies
 - Take appropriate initiative in a range of operational situations
 - Respond appropriately to changes in equipment, standard operating procedures and the working environment
- Planning and organising**
- Follow and apply operational and emergency plans, systems and procedures
 - Monitor systems and procedures for compliance with regulations and codes of practice
 - Implement the workplace security and safety management systems
 - Monitor and evaluate operational performance and compliance
 - Collect and interpret information needed in the course of rail signalling operations
 - Manage time and priorities in the course of rail signalling operations
- Self management**
- Interpret and apply regulations and instructions
 - Evaluate own work performance
- Learning**
- Contribute to learning and assessment activities in the workplace
 - Assist others to adapt to 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 competence of others in the workplace
 - Assist in the creation of a learning environment in the rail industry workplace
 - Adapt own competence in response to changes in the processes and equipment used in rail signalling
 - Update own knowledge and skills required for rail signalling operations
- Technology**
- Use equipment and materials required during rail signalling operations
 - Follow and apply operational and servicing instructions for equipment used during rail signalling operations
 - Follow and apply OH&S procedures when using rail equipment and facilities

Packaging Rules

Requirements for completion of the qualification:

A successful assessment outcome for a total of **12 units** of competency comprising:

- **8 core units** listed below

plus

- **4 elective units** from the elective units listed below; of which up to 2 units may be drawn with appropriate contextualisation from any currently endorsed national Training Package or accredited course, provided that the units contribute 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	Unit
E Communication and Calculation	TLIE3022A Complete workplace documents
	TLIE3023A Use electronic communication systems
F Safety Management	TLIF1001A Follow occupational health and safety procedures
	TLIF2010A Apply fatigue management strategies
	TLIF3058A Apply safeworking rules and regulations to rail functions
	TLIF3085A Apply local incident response procedures
L Resource Management	TLIL3071A Control and coordinate local rail traffic movement
	TLIL3072A Operate signal panel or equipment

Elective units:

Field	Unit
B Equipment Checking and Maintenance	TLIB3118A Apply awareness of railway fundamentals
E Communication and Calculation	BSBWRT301A Write simple documents
F Safety Management	TLIF3091A Apply awareness of dangerous goods and hazardous materials requirements
G Teamwork	TLIG1001A Work effectively with others
	TLIG2007A Work in a socially diverse environment

J Quality	TLIJ2001A Apply quality procedures
K Technology	BSBITU101A Operate a personal computer
L Resource Management	BSBWOR201A Manage personal stress in the workplace
U Environment	TLIU2012A Participate in environmentally sustainable work practices
W Equipment and Systems Operations	TLIW3026B Operate stand alone signalling/point control equipment