



Australian Government

**TLI33013 Certificate III in Heritage
Locomotive Assistant or Steam Locomotive
Fireman**

Release 1

TLI33013 Certificate III in Heritage Locomotive Assistant or Steam Locomotive Fireman

Modification History

Release 1 - This is the first release of this qualification in TLI10 Transport and Logistics Training Package Version 3.0.

Description

Please note RTO to insert unit group selected from the group choice below on the testamur

Rationale:

This is a general qualification for a person who carries out the duties of a locomotive assistant on a heritage locomotive or fireman on a steam locomotive. This job involves the performance of a broad range of skilled applications applied in a wide variety of contexts, which may involve application of some discretion and judgement in selecting equipment, services or contingency measures. It may also include responsibility for coordinating the work of others.

Job roles:

The Certificate III in Heritage Locomotive Assistant or Steam Locomotive Fireman is aligned to the following defined roles:

- Group A: Heritage Locomotive Assistant
- Group B: Steam Locomotive Fireman.
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Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for TLI33013 Certificate III in Heritage Locomotive Assistant or Steam Locomotive Fireman

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 heritage rail operations on mainlines and/or private tracks• Read and interpret relevant procedures, instructions, signs and labels applicable to heritage rail operations on mainlines and/or private tracks• Speak clearly and directly on matters related to heritage rail operations on mainlines and/or private tracks• Listen to and interpret verbal information related to heritage rail operations on mainlines and/or private tracks• Write/Complete basic documents as part of duties• Negotiate issues with others in the course of heritage rail operations on mainlines and/or private tracks• Recognise and interpret non-verbal signs, signals and behaviour• Use relevant communication equipment. |
| Teamwork | <ul style="list-style-type: none">• Work effectively with others in the course of heritage rail operations on mainlines and/or private tracks• Motivate others in the workplace• Assist others in the workplace to achieve and maintain competence• Assist in the resolution of any interpersonal conflicts that may arise during heritage rail operations on mainlines and/or private tracks• 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 heritage rail operations on mainlines and/or private tracks• Monitor and anticipate problems that may occur in the course of heritage rail operations on mainlines and/or private tracks and take appropriate action to report or resolve the problems within limits of responsibility• Identify and control hazards and risks in a range of heritage |

- rail situations and take appropriate precautions
- Use mathematics to solve various calculations related to heritage rail operations on mainlines and/or private tracks.
- Modify activities dependent on differing rail operating situations and contingencies
- Take appropriate initiatives in a range of operational situations such as those above
- Respond appropriately to any changes in equipment, standard operating procedures and the working environment.
- Follow and apply operational and emergency plans, systems and procedures
- Implement the workplace security and safety management systems
- Monitor and evaluate operational performance and compliance
- Collect and interpret information needed in the course of heritage rail operations on mainlines and/or private tracks
- Organise and plan work activities
- Manage time and priorities in the course of heritage rail operations on main lines and/or private tracks.
- Interpret and apply procedures and instructions
- Establish and follow own work plans and schedules
- Evaluate own work performance.
- Assist others to adapt to any 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 the competence of others in the workplace
- Participate in the updating of own knowledge and skills required for heritage rail operations on mainlines and/or private tracks.
- Use equipment and materials required during heritage rail operations on mainlines and/or private tracks
- Follow and apply operational and servicing instructions for equipment used during heritage rail operations on mainlines and/or private tracks
- Follow and apply OH&S procedures when using and servicing heritage rail equipment and facilities.

Initiative and enterprise

Planning and organising

Self management

Learning

Technology

Packaging Rules

Requirements for completion of the qualification

A successful assessment outcome for a total of **14 units of competency** comprising:

- **8 core units** listed below

plus

- **2 specialist elective units** from Group A or Group B below

plus

- **4 elective units** from the **general elective units** listed below. Alternatively, **up to 3 units** may be drawn with appropriate contextualisation from any currently endorsed national Training Package or accredited course, provided that the unit contributes 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		Units of Competency	
B	Equipment Checking and Maintenance	TLIB3126A	Assist in the testing of heritage train braking systems
D	Load Handling	TLID1001A	Shift materials safely using manual handling methods
E	Communication and Calculation	TLIE2008A	Process workplace documentation
F	Safety Management	TLIF2006A TLIF2010A TLIF3058A TLIF3087A	Apply accident-emergency procedures Apply fatigue management strategies Apply safeworking rules and regulations to rail functions Follow occupational health, safety and environmental procedures in the rail industry
W	Equipment and Systems Operations	TLIW3026B	Operate stand alone signalling/point control equipment

Group A - Heritage Locomotive Assistant

Field		Units of Competency	
B	Equipment Checking and Maintenance	TLIB3123A	Apply awareness of motive power fundamentals

C	Vehicle Operation	TLIC3072A	Conduct the duties of an assistant on a heritage locomotive
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Group B - Steam Locomotive Fireman

Field		Units of Competency	
B	Equipment Checking and Maintenance	TLIB3124A	Apply awareness of steam locomotive fundamentals
C	Vehicle Operation	TLIC3073A	Fire a steam locomotive

General Elective Units

Field		Units of Competency	
B	Equipment Checking and Maintenance	TLIB2001A	Check and assess operational capabilities of equipment
		TLIB3002A	Test equipment and isolate faults
		TLIB3021A	Conduct train roll-by inspection
		TLIB3026A	Prepare for train operation
C	Vehicle Operation	TLIC3017A	Shunt rolling stock
E	Communication and Calculation	TLIE2007A	Use communication systems
F	Safety Management	TLIF2018A	Operate firefighting equipment
		TLIF2080C	Safely access the rail corridor
		TLIF3091A	Apply awareness of dangerous goods and hazardous materials requirements
I	Customer Service	TLII4022A	Identify and meet customer requirements

Custom Content Section

Not applicable.