Australian Government

Department of Education, Employment and Workplace Relations

TLI42211 Certificate IV in Rail Network Control

Release: 1

INDUSTRY SKILLS COUNCILS
Creating Australia's Future

TLI42211 Certificate IV in Rail Network Control

Modification History

New qualification.

Description

Rationale:
This is a qualification for a person engaged in the control of rail networks. The job entails the performance of a broad range of skilled applications, including high-level decision making processes, evaluating and analysing current practices, developing new criteria and procedures for performing current practices, and providing leadership and guidance to others in the application of the skills and knowledge.

Job roles:
Job roles and titles vary across different sectors. Possible job titles relevant to this qualification include:

- Train controller
- Network controller
- Area controller.
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Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for
TLI42211 Certificate IV in Rail Network Control
The following table contains a summary of the employability skills as identified by the Transport and Logistics Industry for this qualification. The 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	- Establish and implement communication systems and procedures required for rail operations - Listen to and interpret verbal information related to controlling rail networks - Read and interpret relevant regulations, instructions, signs and labels applicable to rail operations - Speak clearly and directly on diverse and complex matters related to controlling rail networks - Write documents as part of duties, including completing relevant forms, maintenance schedules, and accident and incident reports - Negotiate complex issues with others in the course of controlling rail networks - Recognise and interpret non-verbal signs, signals and behaviour - Use relevant communication equipment
Teamwork	- Provide leadership to rail operations personnel - Motivate others in the workplace - Collaborate with others in the course of controlling rail networks - Manage the resolution of interpersonal conflicts that may arise when controlling rail networks - Manage the avoidance and prevention of harassment of others in the workplace - Manage persons of different ages, gender, race, religion, political persuasion, etc.
Problem solving	- Identify and solve or report complex problems arising in the course of controlling rail networks - Monitor and anticipate problems that may occur in the course of controlling rail networks, including hazards and risks, and take appropriate action to report or resolve them within limits of responsibility - Manage the control of hazards and risks in a range of complex and diverse situations that may arise when controlling rail networks - Use mathematics to solve problems, such as various calculations related to a wide range of rail operations

Initiative and enterprise	• Modify activities dependent on differing situations and contingencies when controlling rail networks
	• Take appropriate initiative in a diverse range of operational situations
	• Manage the response to changes in equipment, standard operating procedures and the work environment
Planning and organising	• Implement and monitor operational and emergency plans, systems and procedures
	• Implement and monitor systems and procedures for maintaining compliance with regulations and codes of practice
	• Monitor the implementation of the rail security and safety management systems, where applicable
	• Monitor and evaluate operational performance and compliance
	• Collect and interpret information needed when controlling rail networks
	• Organise and plan own activities
	• Manage time and priorities in the course of controlling rail networks
Self management	• Interpret and apply relevant regulations and instructions
	• Establish and follow own work plans and schedules
	• Evaluate and monitor own work performance
Learning	• Assist in the organisation of learning and assessment activities for others in the workplace
	• Manage adaptation of others in the workplace to changes in rail systems, equipment and procedures and the workplace operating environment
	• Instruct, coach or mentor others in the workplace as required
	• Contribute to the assessment of competence of others in the workplace
	• Assist in creating a learning environment in the workplace
	• Adapt own competence in response to changes in rail operations
	• Update own knowledge and skills required for network control activities
Technology	• Use complex equipment and systems required when controlling rail networks
	• Implement and monitor operational and maintenance procedures and systems for equipment used when controlling rail networks
	• Implement and monitor the application of 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 **15 units** of competency comprising:

- **10 core** units listed below

plus

- **5 elective units** from the elective units listed below, which may include up to 3 units 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 **Communica** **tion** **and** **Calculation**		TLIE3022A	Complete workplace documents
		TLIE3023A	Use electronic communication systems
F **Safety** **Managemen** **t**		TLIF2010A	Apply fatigue management strategies
		TLIF4086A	Control and coordinate incident response
		TLIF3087A	Follow occupational health, safety and environmental procedures in the rail industry
		TLIF4090A	Implement safeworking rules and regulations for network control activities
G **Teamwork**		TLIG1001A	Work effectively with others
I **Customer** **Service**		TLII4022A	Identify and meet customer requirements
L **Resource** **Managemen** **t**		TLIL4074A	Control and coordinate rail traffic movement
		TLIL4075A	Implement and amend daily train plan

Elective units:

Field		Unit	
B **and** **Equipment** **Checking** **Maintenanc**		TLIB3118A	Apply awareness of railway fundamentals

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E **Communica tion and Calculation**	BSBWRT301A	Write simple documents
F **Safety Managemen t**	TLIF3091A	Apply awareness of dangerous goods and hazardous materials requirements
G **Teamwork**	TLIG2007A	Work in a socially diverse environment
J **Quality**	TLIJ2001A	Apply quality procedures
L **Resource Management**	BSBWOR201A	Manage personal stress in the workplace
	BSBWOR301A	Organise personal work priorities and development
	TLIL2041A	Monitor and record rolling stock locations
	TLIL3035A	Allocate motive power
	TLIL3052A	Plan urban passenger train consists
	TLIL4034A	Arrange alternative passenger transport
	TLIL4037A	Apply and amend rosters
	TLIL4038A	Organise marshalling and shunting operations
	TLIL4050A	Allocate rolling stock
	TLIL4077A	Develop out-of-course rail traffic plans and schedules
U **Environmen t**	TLIU2012A	Participate in environmentally sustainable work pactices

Custom Content Section

Not applicable.