Australian Government

TLI30410 Certificate III in Transport and Logistics (Rail Operations)

Release 2

TLI30410 Certificate III in Transport and Logistics (Rail Operations)

Modification History

Release 2 - TLIC3044A replaced by TLIC3082A, TLIC3048A replaced by TLIC3048B. Equivalent.
Two BSB imported units updated to current versions.

Description

Rationale:
A general qualification for the operations sector of the Rail Industry. Successful completion will require competency in units that relate to work defined as aligned at AQF Level 3. Performance of a defined range of skilled operations, usually within a range of broader related activities involving known routines, methods and procedures, where some discretion and judgement is required in the selection of equipment, services or contingency measures and within known time constraints.

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Not Applicable

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Employability Skills Summary

Employability Skills Summary for
TLI30410   Certificate III in Transport and Logistics (Rail Operations)
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	• Implement and monitor communication systems and procedures required for rail operations • Read and interpret relevant regulations, instructions, signs and labels applicable to the supervision of rail operations • Speak clearly and directly on matters related to rail operations • Listen to and interpret verbal information related to rail operations • Write documents as part of duties, including completion of relevant forms, timesheets, service logs and incident reports • Negotiate issues with others in the course of rail operations • Recognise and interpret non-verbal signs, signals and behaviour • Use relevant communication equipment.
Teamwork	• Collaborate with others in the course of rail operations • Provide leadership to other personnel in the rail workplace • Motivate others in the rail workplace • Assist others in the workplace to achieve and maintain competence • Assist in the resolution of any 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	• Identify and solve or report problems arising in the course of rail operations • Monitor and anticipate problems that may occur in the course of rail operations including hazards and risks and take appropriate action to report or resolve the problems within limits of responsibility • Identify and control hazards and risks in a range of rail situations and take appropriate precautions • Use mathematics to solve various calculations related to rail operations.

Employability Skill	Industry/enterprise requirements for this qualification include:
Initiative and enterprise	• Modify activities dependent on differing rail 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.
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 operations • Organise and plan own work activities • Manage time and priorities in the course of rail operations.
Self management	• Interpret and apply regulations and instructions • Establish and follow own work plans and schedules • Evaluate own work performance.
Learning	• Contribute to learning and assessment activities in the workplace • 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 • Assist in the creation of a learning environment in the rail industry workplace • Adapt own competence in response to any changes in the processes and equipment used in rail operations • Update own knowledge and skills required for rail operations.
Technology	• Use equipment and materials required during rail operations • Follow and apply operational and servicing instructions for equipment used during rail operations • Follow and apply OH&S procedures when using and servicing rail equipment and facilities.

Packaging Rules

Requirements for completion of the qualification:

A successful assessment outcome for a total **21 units**, comprising:

5 units and up to **7 units** aligned at AQF 3 made up of:

- at least 3 units and up to 7 units from those listed below (aligned at AQF 3)
- up to 2 suitable units (aligned at AQF 3) drawn with appropriate contextualisation from other Transport and Logistics Certificate III qualifications, other relevant endorsed Training Package or accredited course

plus

7 units and up to **9 units** at AQF 2 made up of:

- at least 5 units and up to 9 units from those listed for the Certificate II in Transport and Logistics (Rail Operations) (aligned at AQF 2)
- up to 2 suitable units (aligned at AQF 2) drawn with appropriate contextualisation from other Transport and Logistics Certificate II qualifications, other relevant endorsed Training Package or accredited course

plus

7 units aligned at AQF 1 made up of:

- at least 5 units and up to 7 units from those listed for the Certificate I in Transport and Logistics (Rail Operations) (aligned at AQF 1)
- up to 2 suitable units (aligned at AQF 1) drawn with appropriate contextualisation from other Transport and Logistics Certificate I qualifications, other relevant endorsed Training Package or accredited course.

Units can be packaged together to meet the specific supervisory, leadership and advanced technical needs of occupations while also providing options for multi-skilling. (Note that this may include basic units needed in an occupation which may also be packaged in a lower level occupation.)

Importantly, the flexibility of packaging with the qualification framework must be considered within the responsibility of individuals, enterprises and/or registered training organisations to package units to meet the legislative requirements and/or industry codes of practice necessary at the occupational levels.

Units are discrete from each other; however units may be clustered and delivered and/or assessed concurrently and/or holistically.

Field	Unit	
A Handling Cargo/Stock	TLIA3002A	Maintain container/cargo records
	TLIA3004A	Process receipt and delivery of containers and cargo
	TLIA3008A	Transfer cargo
	TLIA3017A	Identify products and store to specifications
	TLIA3038A	Control and order stock

Field	Unit	
	TLIA3039A	Receive and store stock
B Equipment Checking and Maintenance	TLIB3002A	Test equipment and isolate faults
	TLIB3018A	Conduct full train examination
	TLIB3019A	Test train braking system
	TLIB3020A	Visually inspect stationary train
	TLIB3021A	Conduct train roll-by inspection
	TLIB3026A	Prepare for train operation
	TLIB3027A system	Set up and shut down on-train remote control
	TLIB3075A	Inspect and prepare a motive power unit
	TLIB3105A	Prepare electric passenger train
	TLIB3108A	Test operation of electric passenger train braking system
	TLIB3113A power	Diagnose and rectify minor faults on motive units and rolling stock
C Vehicle Operation	TLIC3011A	Transport passengers with disabilities
	TLIC3017A	Shunt rolling stock
	TLIC3018A	Operate on-train remote control system
	TLIC3027A	Stable a motive power unit
	TLIC3028A	Operate and monitor a heritage motive power unit
	TLIC3029A	Stable a heritage motive power unit
	TLIC3030A	Operate and monitor a heritage steam locomotive
	TLIC3031A	Stable a heritage steam locomotive
	TLIC3082A	Operate locomotive by portable remote control
	TLIC3046A	Drive and operate electric passenger train
	TLIC3047A	Stable electric passenger train
	TLIC3048B trains	Shunt, couple and uncouple electric passenger
D Load Handling	TLID3011A	Conduct specialised forklift operations
	TLID3015A goods	Identify and label explosives and dangerous
	TLID3023A equipment	Use specialised liquid bulk gas transfer

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Field	Unit	
	TLID3024A	Use specialised liquid bulk transfer equipment (gravity/pressurised)
	TLID3031A	Rig load
	TLID3033A	Operate a vehicle-mounted loading crane
	TLID3035A	Operate a boom type elevating work platform
	TLID3036A	Lift and move load using mobile crane
	TLID3040A	Control lift and movement of crane
	TLID3043A	Shift loads using gantry equipment
	TLID3044A	Shift loads using cranes
E Communication and Calculation	TLIE3002A	Estimate/calculate mass, area and quantify dimensions
	TLIE3004A	Prepare workplace documents
	TLIE3012A	Consolidate manifest documentation
	TLIE3015A	Undertake rigger/dogger and driver communication
	TLIE3016A a	Estimate/calculate load shifting requirements for mobile crane
	TLIE3018A	Maintain freight records
	TLIE3019A	Work with travel agencies and sales outlets
F Safety Management	TLIF3003A	Implement and monitor occupational health and safety procedures
	TLIF3013A	Coordinate breakdowns and emergencies
	TLIF3058A	Apply safeworking rules and regulations to rail functions
	TLIF3060A	Control traffic as a pilot vehicle operator
	TLIF3063A	Administer the implementation of fatigue management strategies
G Teamwork	TLIG3002A	Lead a work team or group
I Customer Service	TLII3003A	Provide customer service in transport vehicles/vessels
	TLII3007A	Provide freight forwarding information to customers
	TLII3009A	Provide on-board services to customers

Field	Unit	
	TLII3010A	Provide travel information to customers
	BSBCUS301B	Deliver and monitor a service to customers
	TLII3021A	Provide customer service in rail operations
J Quality	TLIJ3002A	Apply quality systems
L Resource Management	TLIL3002A	Undertake employee payroll activities
	TLIL3003A	Conduct induction process
	TLIL3035A	Allocate motive power
	TLIL3039A	Assist with train operations
	TLIL3045A	Organise services for special events
	TLIL3052A	Plan urban passenger train consists
	TLIL3053A	Plan rural passenger train consists
	TLIL3054A	Plan freight train consists
	BSBWOR301B	Organise personal work priorities and development
O Security	TLIO3012A	Manage disruptive and/or unlawful behaviour
	TLIO3015A	Maintain security of railway property and revenue
	TLIO3016A	Apply and monitor workplace security procedures
	TLIO3019A	Apprehend offenders
P Administration and Finance	TLIP3027A	Organise freight invoicing and payment
	TLIP3034A	Advise on and construct fares for customers