Australian Government

TLI10 TRANSPORT AND LOGISTICS TRAINING PACKAGE

Release: 4.2

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CONTENTS

Modification History

The version details of this endorsed Training Package are in the table below. The latest information is at the top of the table.

Version	Release date	Comments
4.2	March 2014	The following changes have been undertaken in this version of the TLI10 Transport and Logistics Training Package. **ISC Upgrades:** • All units of competency previously listed in TLI10 V4.1 as 'not carried forward' have been reinstated in TLI10 V4.2
4.1	February 2014	The following changes have been undertaken in this version of the TLI10 Transport and Logistics Training Package. **ISC Upgrades:** • Certificate III in Stevedoring Employability Skills edited • Certificate IV in International Freight Forwarding (Senior Operator) superseded unit replaced • Eighteen (18) units of competency have not been carried forward
4	24 December 2013	The following changes have been undertaken in this version of the TLI10 Transport and Logistics Training Package. **Endorsed components:** • ten (10) new qualifications • seven (7) revised qualifications • seventy (70) new units of competency • two (2) updated units of competency. **ISC upgrades:** • Twenty (20) new skill sets • Four (4) revised skill sets • Nine (9) revised units of competency. Refer to mapping for details.
3	19 April 2013	The following changes have been undertaken in this version of the TLI10 Transport and Logistics Training Package. **Endorsed components:** • Eight (8) new qualifications • Two (2) revised qualifications • Ten (10) new Skill Sets

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Version	Release date	Comments
		• Fifty two (52) new units of competency • Eighteen (18) revised units of competency. **ISC upgrades:** • Nineteen (19) updated Skill Sets • Twenty two (22) updated qualifications • Thirty one (31) updated imported units of competency • Six (6) new imported units of competency • Eleven (11) TLI units not carried forward • Five (5) imported units not carried forward. Refer to mapping for details.
2	February 2012	The following changes have been undertaken in this new version of TLI10 Transport and Logistics Training Package: The following qualifications have had minor changes to the elective units:

TLI10410	Certificate I in Transport and Logistics (Rail Operations)
TLI11210	Certificate I in Warehousing Operations
TLI11310	Certificate I in Logistics
TLI20410	Certificate II in Transport and Logistics (Rail Operations)
TLI21210	Certificate II in Driving Operations
TLI21510	Certificate II in Furniture Removal
TLI21610	Certificate II in Warehousing Operations
TLI21710	Certificate II in Road Transport Yard Operations (Freight Handler)
TLI21810	Certificate II in Logistics
TLI31210	Certificate III in Driving Operations
TLI31510	Certificate III in Stevedoring
TLI31610	Certificate III in Warehousing Operations
TLI31710	Certificate III in Mobile Crane Operations
TLI32410	Certificate III in Logistics
TLI41710	Certificate IV in Stevedoring Operations
TLI41810	Certificate IV in Warehousing Operations
TLI41910	Certificate IV in Mobile Crane Operations

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TLI42010	Certificate IV in Logistics
TLI50210	Diploma of Materiel Logistics
TLI50310	Diploma of International Freight Forwarding
TLI50410	Diploma of Logistics
TLI50510	Diploma of Deployment Logistics
TLI60210	Advanced Diploma of Deployment Logistics

The following qualifications have been revised and re-coded:

TLI21311	Certificate II in Rail Infrastructure
TLI21411	Certificate II in Stevedoring
TLI31811	Certificate III in Rail Track Surfacing
TLI31911	Certificate III in Mechanical Rail Signalling
TLI32111	Certificate III in Rail Structures
TLI32511	Certificate III in Rail Infrastructure

The following qualifications have been added to this version of the Training Package:

TLI21911	Certificate II in Track Protection
TLI32611	Certificate III in Rail Signalling
TLI32711	Certificate III in Track Protection
TLI42111	Certificate IV in Driving Operations
TLI42211	Certificate IV in Rail Network Control
TLI42311	Certificate IV in Rail Infrastructure

The following qualification has been removed from this version of the Training Package:

TLI40710	Certificate IV in Transport and Logistics (Rail Infrastructure)

The following qualifications have had minor changes to the packaging rules:

TLI31210 Certificate III in Driving Operations

▸ Cash in transit group of units removed from packaging rules
▸ Cash in transit units of competency removed from the elective

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		bank

TLI31410 Certificate III in Rail Driving

▸ Packaging rules altered (minor change)

TLI50310 Diploma of International Freight Forwarding

▸ Packaging rules altered (minor change)

The following units of competency have been added to the Training Package:

TLIB0117A	Assist with preparation of a train prior to operation
TLIB3118A	Apply awareness of railway fundamentals
TLIB2121A	Maintain rail joints
TLIC2058A	Travel medium or heavy self-propelled on-track equipment
TLIC2059A	Propel and operate light on-track equipment
TLIC3064A	Operate car carrier vehicle
TLIC4065A	Operate chemical tanker
TLIC4066A	Operate fuel tanker
TLIC4067A	Operate LP gas tanker
TLIC4068A	Operate heavy recovery ancillary equipment
TLIC4069A	Operate heavy recovery vehicle
TLIC4070A	Tow a disabled heavy vehicle
TLIC3071A	Operate an agitator
TLID4048A	Top load a dangerous goods tanker
TLID4049A	Bottom load a dangerous goods tanker
TLID4050A	Discharge a dangerous goods tanker
TLIE3022A	Complete workplace documents
TLIE3023A	Use electronic communication systems
TLIE4025A	Prepare and process transport documentation for dangerous goods
TLIE3026A	Carry out advanced calculations in the transport and logistics industry
TLIE3028A	Complete a work diary in the road transport industry

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		TLIE2029A	Conduct workplace information briefings
		TLIF3085A	Apply local incident response procedures
		TLIF4086A	Control and coordinate incident responses
		TLIF3087A	Follow occupational health, safety and environmental procedures in the rail industry
		TLIF4088A	Implement and coordinate rail safety and OH&S risk-control strategies
		TLIF3089A	Implement fatigue management policies and procedures for rail infrastructure
		TLIF4090A	Implement safeworking rules and regulations for network control activities
		TLIF3091A	Apply awareness of dangerous goods and hazardous materials requirements
		TLIF2092A	Demonstrate awareness of chain of responsibility regulations
		TLIF3093A	Implement chain of responsibility regulations
		TLIF4094A	Ensure compliance with chain of responsibility
		TLIF4095A	Apply occupational health and safety requirements for driving operations
		TLIF3096A	Carry out emergency response to a dangerous goods incident
		TLIF2097A	Use audible track warning devices
		TLII4022A	Identify and meet customer requirements
		TLIJ4009A	Implement and monitor quality assurance systems
		TLIJ4010A	Implement quality systems and procedures in a dangerous goods workplace
		TLIL3071A	Control and coordinate local rail traffic movement
		TLIL3072A	Operate signal panel or equipment
		TLIL4073A	Apply asset management system
		TLIL4074A	Control and coordinate rail traffic movement
		TLIL4075A	Implement and amend daily train plan
		TLIL4076A	Coordinate resources
		TLIL4077A	Develop out-of-course rail traffic plans and

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			schedules
		TLIL4079A	Manage the recovery process
		TLIS3040A	Construct concrete or steel points and crossings
		TLIS3041A	Construct timber or composite points and crossings
		TLIS2044A	Carry out rail installation
		TLIS3045A	Install turnouts
		TLIW3027A	Operate minor track equipment
		TLIW2028A	Identify the principles of ballast cleaning operations
		TLIW2029A	Identify the principles of ballast regulator operations
		TLIW2030A	Identify the principles of dynamic track stabiliser operations
		TLIW2031A	Identify the principles of self-propelled rail grinder operations
		TLIW2032A	Identify the principles of tamping machine operations
		TLIW2033A	Identify the principles of mechanised track laying operations
		TLIW3034A	Apply protective coating systems to structures
		TLIW3035A	Heat and cut materials using oxy-LPG equipment for the rail industry
		TLIW0036A	Apply electric welding process to rail
		TLIW2037A	Clip and secure points
		TLIW2038A	Place and remove temporary speed restriction equipment
		TLIW2039A	Place and remove permanent way stop boards
		The following units of competency have been revised:	
		TLIB2029B	Use and maintain minor mechanical equipment
		TLIB3094B	Check and repair track geometry
		TLIF1002B	Conduct housekeeping activities
		TLIF2080B	Safely access the rail corridor

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		TLIS2013B	Install minor structures
		TLIS3026B	Implement track maintenance and construction
		TLIS3029B	Implement structures maintenance and installation of minor structures
		TLIS3037B	Install and repair rail earthworks
		The following units of competency have been removed from the Training Package:	
		TLIB2101A	Install and maintain rail joints
		TLIC2041A	Operate self-propelled equipment on track
		TLID3041A	Undertake cash-in-transit loading and unloading in an unsecured environment
		TLIO3008A	Implement cash-in-transit security procedures
		TLIO3009A	Test and inspect cash-in-transit security equipment
		TLIO3010A	Respond to cash-in-transit security incidents
		TLIS2032A	Install rail
		TLIS3038A	Install points and crossings
		TLIW3014A	Weld rail using electric welding process
		The following imported units have been added to the Training Package:	
		AHCARB205A	Operate and maintain chainsaws
		AHCARB202A	Fell small trees
		AURV328961A	Recover vehicle
		BSBADM502B	Manage meetings
		BSBCMM401A	Make a presentation
		BSBMGT401A	Show leadership in the workplace
		BSBPMG401A	Apply project scope management techniques
		BSBWOR201A	Manage personal stress in the workplace
		BSBWRT301A	Write simple documents
		PUADEFVH001A	Conduct recovery vehicle operations in a field environment
		PUADEFVH002	Extract disabled equipment using winching

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		A	techniques in a field environment
		RIICBS312A	Conduct bitumen tanker operations
		RIICCM209A	Carry out concrete work
		RIIBEF402A	Supervise on-site operations
		RIIMPO317A	Conduct roller operations
		RIIMPO326A	Conduct civil construction water cart operations
		RIIRIS401A	Apply site risk management system
		FDFFS2001A	Implement the food safety program and procedures

The following imported units have been removed from the Training Package:

CPCCCO2004A	Carry out concrete work
CPCCSF2004A	Place an fix reinforcement materials

The following skill sets have been added to the Training Package:
‣ TLI Decommission Mechanical Signalling Infrastructure and Interlocking Equipment Skill Set
‣ TLI Light On-Track Equipment Operation Skill Set
‣ TLI Minor Track Equipment Operation Skill Set
‣ TLI Stevedoring Operation Induction and Safety Skill Set
‣ TLI Travel Medium/Heavy On-Track Equipment Skill Set
‣ TLI Suburban Network Train Driver Assistant Skill Set.

The following skill sets have been revised in this version of the Training Package:
‣ TLI Access and Move a Track Vehicle within a Defined Worksite Skill Set
‣ TLI Access the Rail Corridor Skill Set
‣ TLI Aluminothermic Welding Skill Set
‣ TLI Blocking Protection Skill Set
‣ TLI Conduct Track Protection Skill Set
‣ TLI Control Rail Traffic through Worksite Skill Set
‣ TLI Electric Track Welding Skill Set
‣ TLI Flashbutt Welding Skill Set
‣ TLI Handsignaller Skill Set
‣ TLI Install Transoms Skill Set

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		‣ TLI Lookout Working Skill Set
		‣ TLI Open Road Operator Skill Set
		‣ TLI Operate Signalling/Point Control Equipment Skill Set
		‣ TLI Plan Track Possessions Protection Skill Set
		‣ TLI Rail Adjustment Skill Set
		‣ TLI Rail Infrastructure Induction Skill Set
		‣ TLI Repair Concrete/Masonry Structures Skill Set
		‣ TLI Repair Steel Structures Skill Set
		‣ TLI Repair Timber Structures Skill Set
		‣ TLI Track Grinding Skill Set
		‣ TLI Track Lubrication Skill Set
		‣ TLI Track Occupancy Protection Skill Set
		‣ TLI Travel Track Vehicle under Block Working Conditions Skill Set
		‣ TLI Travel Track Vehicle under Occupancy Authority Skill Set
		‣ TLI Ultrasonic Points and Crossings Testing Skill Set
		‣ TLI Ultrasonic Rail Testing Skill Set.
		The following skill sets have been removed from the Training Package:
		‣ Minor Plant Operation Skill Set
		‣ Rail Plant Operation Skill Set
		‣ Turnout Building Skill Set
		‣ Turnout Maintaining Skill Set.
		The following pathways charts have been added to the Training Package:
		‣ Certificate IV in Driving Operations Pathways
		‣ Driving Instruction Pathways
		‣ International Freight Forwarding Pathways
		‣ Light and Heavy Rail Operations Pathways
		‣ Rail Network Pathways
		‣ Track Protection Pathways.
		The following pathways charts have been revised in this version of the Training Package:
		‣ Certificate III in Driving Operations Pathways
		‣ Logistics Pathways
		‣ Rail Infrastructure Pathways

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		‣ Stevedoring Pathways ‣ Warehousing and Distribution Pathways.
1.1	June 2011	The following changes have been undertaken in this Version of TLI10 Transport and Logistics Training Package: The following 6 units have changed codes:
1		Primary release TLI10 is a reviewed Training Package replacing TLI07 Version 4.1.

Old Codes	New Codes	Unit Title
TLIA4007A	TLIA4063A	Coordinate stevedoring clerical functions
TLIB2007A	TLIB2119A	Carry out maintenance of trailers
TLIB3107A	TLIB3120A	Test mechanical signalling equipment and isolate faults
TLIC3007A	TLIC3063A	Operate vehicle carrying special loads
TLID2007A	TLID2047A	Prepare cargo for transfer with slings
TLIL4007A	TLIL4078A	Coordinate fleet control logistics

New Topic (117)

Disclaimer

Preliminary Information

Important note to users

Training Packages are not static documents; they are amended periodically to reflect the latest industry practices and are version controlled. It is essential that the latest version is always used.

Check the version number before commencing training or assessment

This Training Package is Version 4.2 – check whether this is the latest version by going to (http://www.training.gov.au/) and locating information about the Training Package. Alternatively, contact Transport and Logistics Industry Skills Council (http://www.tlisc.org.au) to confirm the latest version number.

Explanation of version number conventions

The primary release Training Package is Version 1. When changes are made to a Training Package, sometimes the version number is changed and sometimes it is not, depending on the extent of the change. When a Training Package is reviewed it is considered to be a new Training Package for the purposes of version control, and is Version 1. Do not confuse the version number with the Training Package's national code (which remains the same during its period of endorsement).

Explanation of the review date

The review date (shown on the title page and in the footer of each page) indicates when the Training Package is expected to be reviewed in the light of changes such as changing technologies and circumstances. The review date is not an expiry date. Endorsed Training Packages and their components remain current until they are reviewed or replaced.

Summary of AQF Qualifications in TLI10 Transport and Logistics Training Package (Version 4.2)

This table lists all of the qualifications in the TLI10 Transport and Logistics Training Package Version 4.2.

Code	National qualification title
AQF 1	
TLIPC110	Certificate I in Transport and Logistics (Pathways)
TLI11210	Certificate I in Warehousing Operations
TLI11310	Certificate I in Logistics
AQF 2	
TLI21210	Certificate II in Driving Operations

Code	National qualification title
TLI21311	Certificate II in Rail Infrastructure
TLI21413	Certificate II in Stevedoring
TLI21610	Certificate II in Warehousing Operations
TLI21710	Certificate II in Road Transport Yard Operations (Freight Handler)
TLI21810	Certificate II in Logistics
TLI21911	Certificate II in Track Protection
TLI22013	Certificate II in Shunting
TLI22113	Certificate II in Rail Track Vehicle Driving
TLI22213	Certificate II in Tram or Light Rail Infrastructure
TLI22313	Certificate II in Rail Customer Service
TLI22413	Certificate II in Furniture Removal
AQF 3	
TLI31210	Certificate III in Driving Operations
TLI31310	Certificate III in International Freight Forwarding (Operator)
TLI31410	Certificate III in Rail Driving
TLI31610	Certificate III in Warehousing Operations
TLI31710	Certificate III in Mobile Crane Operations
TLI31811	Certificate III in Rail Track Surfacing
TLI31913	Certificate III in Mechanical Rail Signalling
TLI32111	Certificate III in Rail Structures
TLI32310	Certificate III in Electric Passenger Train Guard
TLI32410	Certificate III in Logistics
TLI32511	Certificate III in Rail Infrastructure
TLI32611	Certificate III in Rail Signalling

Code	National qualification title
TLI32711	Certificate III in Track Protection
TLI32813	Certificate III in Rail Yard Coordination
TLI32913	Certificate III in Tram or Light Rail Infrastructure
TLI33013	Certificate III in Heritage Locomotive Assistant or Steam Locomotive Fireman
TLI33113	Certificate III in Rail Customer Service
TLI33213	Certificate III in Terminal Train Driving
TLI33313	Certificate III in Furniture Removal
TLI33413	Certificate III in Waste Driving Operations
TLI33513	Certificate III in Stevedoring
AQF 4	
TLI41210	Certificate IV in Transport and Logistics (Road Transport – Car Driving Instruction)
TLI41310	Certificate IV in Transport and Logistics (Road Transport – Heavy Vehicle Driving Instruction)
TLI41410	Certificate IV in Transport and Logistics (Road Transport – Motorcycle Riding Instruction)
TLI41510	Certificate IV in Materiel Logistics
TLI41610	Certificate IV in International Freight Forwarding (Senior Operator)
TLI41710	Certificate IV in Stevedoring Operations
TLI41810	Certificate IV in Warehousing Operations
TLI41910	Certificate IV in Mobile Crane Operations
TLI42010	Certificate IV in Logistics
TLI42111	Certificate IV in Driving Operations
TLI42211	Certificate IV in Rail Network Control
TLI42311	Certificate IV in Rail Infrastructure

Code	National qualification title
TLI42413	Certificate IV in Rail Safety Management
TLI42513	Certificate IV in Traffic Operations
TLI42613	Certificate IV in Train Driving
TLI42713	Certificate IV in Tram/Light Rail Control
AQF 5	
TLI50210	Diploma of Materiel Logistics
TLI50310	Diploma of International Freight Forwarding
TLI50410	Diploma of Logistics
TLI50510	Diploma of Deployment Logistics
TLI50613	Diploma of Rail Operations Management
TLI50713	Diploma of Bus and Coach Operations
TLI50813	Diploma of Customs Broking
AQF 6	
TLI60110	Advanced Diploma of Materiel Logistics
TLI60210	Advanced Diploma of Deployment Logistics

Overview

There are 61 qualifications in the TLI10 Transport and Logistics Training Package (Version 4) at the following AQF levels:

- 3 at AQF 1 Certificate 1
- 12 at AQF 2 Certificate II
- 21 at AQF 3 Certificate III
- 16 at AQF 4 Certificate IV
- 7 at AQF 5 Diploma
- 2 at AQF 6 Advanced Diploma

Qualifications by sector are as follows:

- Pathways certificate – 1 qualification
- Warehousing – 4 qualifications
- Road transport– 5 qualifications

- Driving operations – 4 qualifications
- International freight forwarding – 3 qualifications
- Stevedoring – 3 qualifications
- Rail operations – 14 qualifications
- Rail infrastructure – 11 qualifications
- Track Protection – 2 qualifications
- Mobile crane operations – 2 qualifications
- Logistics – 9 qualifications
- Materiel logistics – 3 qualifications
- Deployment logistics – 2 qualifications
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Units of competency and their prerequisites in TLI10 Transport and Logistics Training Package (Version 4.2)

This table lists all of the qualifications in the TLI10 Transport and Logistics Training Package Version 4.2.

Code	Title	Prerequisites
A Handling Cargo/Stock		
TLIA1001A	Secure cargo	None
TLIA2003A	Connect and disconnect reefer units	None
TLIA2009A	Complete and check import/export documentation	None
TLIA2011A	Package goods	None
TLIA2012A	Pick and process orders	None
TLIA2013A	Receive goods	None
TLIA2014A	Use product knowledge to complete work operations	None
TLIA2020A	Replenish stock	None
TLIA2021A	Despatch stock	None
TLIA2022A	Participate in stocktakes	None
TLIA2041A	Manually sort mail and parcels	None
TLIA2042A	Despatch mail	None
TLIA2043A	Consolidate mail	None
TLIA2044A	Carry out delivery operations	None

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Code	Title	Prerequisites
TLIA2045A	Process international parcels and letters	None
TLIA2046A	Process parcels and letters	None
TLIA2047A	Stream mail	None
TLIA2048A	Carry out border clearance functions	None
TLIA2049A	Apply specialist permit requirements as part of customs broking activities	None
TLIA2050A	Lash and unlash cargo and containers	None
TLIA3002A	Maintain container/cargo records	None
TLIA3004A	Process receipt and delivery of containers and cargo	None
TLIA3008A	Transfer cargo	None
TLIA3010A	Coordinate goods to bond premises	None
TLIA3015A	Complete receival/despatch documentation	None
TLIA3016A	Use inventory systems to organise stock control	None
TLIA3017A	Identify products and store to specifications	None
TLIA3018A	Organise despatch operations	None
TLIA3019A	Organise receival operations	None
TLIA3023A	Coordinate stocktakes	None
TLIA3024A	Organise warehouse records operations	None
TLIA3026A	Monitor storage facilities	None
TLIA3038A	Control and order stock	None
TLIA3039A	Receive and store stock	None
TLIA3050A	Apply GST legislation as part of customs broking activities	None
TLIA3053A	Carry out customs valuation	None
TLIA3054A	Classify commodities for the import and export of goods through customs	None

Code	Title	Prerequisites
TLIA3055A	Coordinate terminal/wharf equipment operations	None
TLIA4005A	Check and evaluate records and documentation	None
TLIA4006A	Organise and monitor terminal/wharf operations	None
TLIA4025A	Regulate temperature controlled stock	None
TLIA4028A	Assess and monitor optimum stock levels	None
TLIA4030A	Organise cargo for export	None
TLIA4031A	Consolidate freight	None
TLIA4032A	Organise transport of freight or goods	None
TLIA4033A	Organise international transport of freight	None
TLIA4040A	Implement and monitor stevedoring regulations	None
TLIA4051A	Carry out quarantine procedures	None
TLIA4052A	Carry out customs clearance practices	None
TLIA4055A	Classify complex commodities for the import and export of goods through customs	None
TLIA4056A	Carry out complex customs valuation	None
TLIA4062A	Implement safety stock systems	None
TLIA4063A	Coordinate stevedoring clerical functions	None
TLIA5029A	Plan and manage storage of dangerous goods and hazardous substances	None
TLIA5035A	Manage international freight transfer	None
TLIA5058A	Manage facility and inventory requirements	None
TLIA5059A	Plan and organise the international forwarding of freight by sea and multimodal transport	None
TLIA5060A	Plan and organise the international forwarding of freight by air transport	None
TLIA5061A	Plan and organise the international forwarding of freight	None

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Code	Title	Prerequisites
	by road and rail transport	
B	**Equipment Checking and Maintenance**	
TLIB0117A	Assist with preparation of a train prior to operation	None
TLIB0127A	Certify rolling stock prior to handover	None
TLIB0128A	Conduct pre-movement checks on motive power units	None
TLIB0132A	Start up and shut down a single locomotive	None
TLIB1024A	Clean transportation units and facilities for passenger use	None
TLIB1028A	Maintain and use hand tools	None
TLIB1030A	Undertake general site maintenance	None
TLIB1031A	Clean up plant, equipment and worksite	None
TLIB1080A	Use, clean and maintain towing equipment	None
TLIB1093A	Clean equipment and restore worksite	None
TLIB2001A	Check and assess operational capabilities of equipment	None
TLIB2003A	Carry out vehicle servicing and maintenance	None
TLIB2004A	Carry out vehicle inspection	None
TLIB2008A	Carry out inspection of trailers	None
TLIB2009A	Check conveyor operational status	None
TLIB2022A	Diagnose and rectify minor faults	None
TLIB2023A	Provide sanitation and water services support to passenger transportation units	None
TLIB2029B	Use and maintain minor mechanical equipment	None
TLIB2034A	Maintain poles and associated hardware	None
TLIB2073A	Clean road tankers	None
TLIB2079A	Set up and secure a towing situation	None
TLIB2081A	Repair timber structures	None

Code	Title	Prerequisites
TLIB2082A	Repair steel structures	None
TLIB2083A	Maintain bridge bearings	None
TLIB2084A	Carry out routine maintenance of structures	None
TLIB2085A	Apply track fundamentals	None
TLIB2086A	Apply awareness of structures fundamentals	None
TLIB2090A	Use communication systems in a taxi cab	None
TLIB2091A	Measure and record track geometry	None
TLIB2092A	Operate minor mechanical equipment	None
TLIB2096A	Repair concrete/masonry structures	None
TLIB2097A	Install and maintain guard rails	None
TLIB2104A	Identify, diagnose and rectify faults on electric passenger trains	None
TLIB2111A	Assist with testing train braking system on electric passenger train	None
TLIB2119A	Carry out maintenance of trailers	None
TLIB2121B	Maintain rail joints	None
TLIB2122A	Apply awareness of fundamentals of rail operations in yards or sidings	None
TLIB2125A	Apply awareness of tram/light rail track fundamentals	None
TLIB2130A	Diagnose and rectify minor faults on on-track vehicles	None
TLIB2131A	Prepare train	None
TLIB2133A	Test medium/heavy track vehicle braking system	None
TLIB3002A	Test equipment and isolate faults	None
TLIB3005A	Carry out maintenance of vehicles designed to carry special loads	None
TLIB3006A	Carry out inspection of vehicles designed to carry special	None

Code	Title	Prerequisites
	loads	
TLIB3011A	Set up and rig crane for lift	None
TLIB3012A	Plan job and set up work areas	None
TLIB3013A	Maintain mobile cranes	None
TLIB3014A	Load and unload wheeled or tracked crane	None
TLIB3015A	Undertake site inspection	None
TLIB3016A	De-rig, pack and store tools and equipment	None
TLIB3017A	Assemble and dismantle boom or jib	None
TLIB3018A	Conduct full train examination	None
TLIB3019B	Test train braking system	None
TLIB3020A	Visually inspect stationary train	None
TLIB3021A	Conduct train roll-by inspection	None
TLIB3026A	Prepare for train operation	None
TLIB3027A	Set up and shut down on-train remote control system	None
TLIB3040A	Inspect poles and associated hardware	None
TLIB3046A	Service and clean mechanical signalling equipment and infrastructure	None
TLIB3047A	Repair and adjust mechanical signalling equipment and infrastructure	None
TLIB3048A	Carry out off-site repair, overhaul and assembly of mechanical signalling equipment	None
TLIB3053A	Maintain mechanical signalling locking and interlocking devices	None
TLIB3058A	Maintain aerial signal/telecommunications lines and cables	None
TLIB3075A	Inspect and prepare a motive power unit	None
TLIB3078A	Inspect, prepare and start an electric tram	None

Code	Title	Prerequisites
TLIB3087A	Examine timber structures	None
TLIB3088A	Examine steel structures	None
TLIB3094B	Check and repair track geometry	None
TLIB3095A	Check and repair points and crossings	None
TLIB3098A	Examine concrete/masonry structures	None
TLIB3099A	Examine track infrastructure	None
TLIB3100A	Visually inspect track infrastructure	None
TLIB3102A	Adjust rail	None
TLIB3103A	Install and maintain mechanical signalling locking and interlocking devices	None
TLIB3105A	Prepare electric passenger train	None
TLIB3108A	Test operation of electric passenger train braking system	None
TLIB3112A	Prepare electric passenger train as part of guard duties	None
TLIB3113B	Diagnose and rectify minor faults on motive power units and rolling stock	None
TLIB3118A	Apply awareness of railway fundamentals	None
TLIB3120A	Test mechanical signalling equipment and isolate faults	None
TLIB3123A	Apply awareness of motive power unit fundamentals	None
TLIB3124A	Apply awareness of steam locomotive fundamentals	None
TLIB3126A	Assist in the testing of heritage train braking systems	None
TLIB3129A	Conduct pre-movement checks on rolling stock	None
TLIB4042A	Conduct inspection of safeworking procedures and infrastructure	None
TLIB4071A	Install and maintain pole mounted switches and transformers	None
TLIB4076A	Inspect and prepare a heritage motive power unit	None

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Code	Title	Prerequisites
TLIB4077A	Inspect and prepare a heritage steam locomotive	None
TLIB4078A	Carry out a train roll-by inspection	None
TLIB4079A	Conduct a general train examination	None
TLIB4080A	Identify, diagnose and rectify minor faults on motive power units and rolling stock	None
TLIB4081A	Provision a motive power unit	None
TLIB4082A	Set up motive power units in multi-coupled consist	None
TLIB5010A	Plan and implement maintenance schedules	None
C	**Vehicle Operation**	
TLIC0073A	Conduct tram/light rail track cleaning operations	None
TLIC0079A	Operate a motive power unit within defined limits	None
TLIC0083A	Access rail track to travel track vehicle under a proceed authority	None
TLIC0084A	Access rail track to travel track vehicles under manual block working conditions	None
TLIC1013A	Ride courier/delivery bicycle	None
TLIC1051A	Operate commercial vehicle	None
TLIC2002A	Drive light rigid vehicle	None
TLIC2009A	Drive taxicab	None
TLIC2012A	Ride courier/delivery motorcycle	None
TLIC2025A	Operate four wheel drive vehicle	None
TLIC2040A	Provide wheelchair accessible taxi services to passengers with disabilities	None
TLIC2049A	Operate heavy vehicle on unsealed roads	None
TLIC2050A	Operate a terminal tractor	None
TLIC2054B	Access rail track to run track vehicle within defined	None

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Code	Title	Prerequisites
	worksite	
TLIC2058A	Travel medium or heavy self-propelled on-track equipment	None
TLIC2059A	Propel and operate light on-track equipment	None
TLIC2074A	Couple and uncouple track maintenance vehicles	None
TLIC2075A	Drive and monitor medium/heavy self-propelled on-track equipment	None
TLIC2076A	Establish and operate braking system on medium/heavy self-propelled on-track equipment	None
TLIC2078A	Identify and respond to signals and trackside signs	None
TLIC2080A	Start up, shut down and stable medium/heavy self-propelled on-track equipment	None
TLIC2081A	Pilot rail traffic within work on track authority limits	None
TLIC3003A	Drive medium rigid vehicle	None
TLIC3004A	Drive heavy rigid vehicle	None
TLIC3005A	Drive heavy combination vehicle	None
TLIC3010A	Pilot or escort oversized and/or overmassed loads	None
TLIC3011A	Transport passengers with disabilities	None
TLIC3017A	Shunt rolling stock	None
TLIC3018A	Operate on-train remote control system	None
TLIC3027A	Stable a motive power unit	None
TLIC3028A	Operate and monitor a heritage motive power unit	None
TLIC3029A	Stable a heritage motive power unit	None
TLIC3030A	Operate and monitor a heritage steam locomotive	None
TLIC3031A	Stable a heritage steam locomotive	None
TLIC3032A	Operate and monitor a passenger electric tram	None
TLIC3033A	Drive an electric tram to operational requirements	None

Code	Title	Prerequisites
TLIC3034A	Berth and shut down an electric tram	None
TLIC3035A	Manage the operation of a tow truck	None
TLIC3036A	Apply safe car driving behaviours	None
TLIC3037A	Apply safe heavy vehicle driving behaviours	None
TLIC3038A	Apply safe motorcycle riding behaviours	None
TLIC3039A	Operate and monitor a monorail train	None
TLIC3042A	Operate coach/bus	None
TLIC3045A	Operate road/rail vehicle	None
TLIC3047A	Stable electric passenger train	None
TLIC3048B	Shunt, couple and uncouple electric passenger trains	None
TLIC3052A	Assist with shunting, coupling and uncoupling electric passenger trains	None
TLIC3057A	Perform guard duties as part of electric passenger train operations	None
TLIC3063A	Operate vehicle carrying special loads	None
TLIC3064A	Operate car carrier vehicle	None
TLIC3071A	Operate an agitator	None
TLIC3072A	Conduct the duties of an assistant on a heritage locomotive	None
TLIC3073A	Fire a steam locomotive	None
TLIC3082A	Operate a locomotive by portable remote control	None
TLIC3083A	Operate a front lift mobile compaction/collection vehicle	None
TLIC3084A	Operate a lift on/lift off collection vehicle	None
TLIC3085A	Operate a liquid waste collection vehicle	None
TLIC3086A	Operate a multi lift collection vehicle	None
TLIC3087A	Operate a rear loading mobile compaction/collection	None

Code	Title	Prerequisites
	vehicle	
TLIC3088A	Operate a roll on/roll off collection vehicle	None
TLIC3089A	Operate a side loading mobile compaction/collection vehicle	None
TLIC4006A	Drive multi-combination vehicle	None
TLIC4016A	Conduct marshalling operations	None
TLIC4019A	Drive train to operational requirements	None
TLIC4024A	Operate urban passenger train	None
TLIC4023A	Operate train with due consideration of route conditions	None
TLIC4026A	Operate and monitor a motive power unit	None
TLIC4044A	Operate motive power unit by radio remote control	None
TLIC4046A	Drive and operate electric passenger train	None
TLIC4065A	Operate chemical tanker	None
TLIC4066A	Operate fuel tanker	TLILIC3013A
TLIC4067A	Operate LP gas tanker	TLILIC3013A
TLIC4068A	Operate heavy recovery ancillary equipment	None
TLIC4069A	Operate heavy recovery vehicle	None
TLIC4070A	Tow a disabled heavy vehicle	None
TLIC4071A	Establish and operate train braking system	None
TLIC4072A	Operate and monitor a motive power unit on a main line	None
TLIC4073A	Set up, operate and shut down a distributed power system	None
TLIC4074A	Shunt, couple and uncouple rail vehicles	None
D **Load Handling**		
TLID1001A	Shift materials safely using manual handling methods	None
TLID1002A	Shift a load using manually-operated equipment	None

Code	Title	Prerequisites
TLID2003A	Handle dangerous goods/hazardous substances	None
TLID2004A	Load and unload goods/cargo	None
TLID2010A	Operate a forklift	None
TLID2012A	Operate specialised load shifting equipment	None
TLID2013A	Move materials mechanically using automated equipment	None
TLID2016A	Load and unload explosives and dangerous goods	None
TLID2018A	Handle furniture and effects	None
TLID2019A	Pack and unpack cartons during a removal	None
TLID2021A	Use specialised bulk transfer equipment (dry)	None
TLID2022A	Conduct weighbridge operations	None
TLID2029A	Prepare articles for delivery	None
TLID2045A	Operate specialised light load shifting equipment	None
TLID2047A	Prepare cargo for transfer with slings	None
TLID3011A	Conduct specialised forklift operations	None
TLID3014A	Load and unload vehicles carrying special loads	None
TLID3015A	Identify and label explosives and dangerous goods	None
TLID3020A	Care for livestock in transit	None
TLID3023A	Use specialised liquid bulk gas transfer equipment	None
TLID3024A	Use specialised liquid bulk transfer equipment (gravity/pressurised)	None
TLID3027A	Prepare for transport of dangerous goods	None
TLID3031A	Rig load	None
TLID3033A	Operate a vehicle-mounted loading crane	None
TLID3035A	Operate a boom type elevating work platform	None

Code	Title	Prerequisites
TLID3036A	Lift and move load using a mobile crane	None
TLID3040A	Control lift and movement of crane	None
TLID3043A	Shift loads using gantry equipment	None
TLID3044A	Shift loads using cranes	None
TLID3046A	Operate container side lifter	None
TLID3047A	Shift loads using ship mounted crane	None
TLID3048A	Pack and unpack furniture and effects	None
TLID3049A	Pack and wrap furniture and effects for international removals	None
TLID3050A	Coordinate furniture removal	None
TLID3051A	Segregate waste according to waste types	None
TLID4008A	Monitor crane operations	None
TLID4009A	Direct crane operations	None
TLID4030A	Supervise mobile crane operations	None
TLID4032A	Plan and conduct specialised lift	None
TLID4048A	Top load a dangerous goods tanker	TLIC4065A or TLIC4066A or TLIC4067A
TLID4049A	Bottom load a dangerous goods tanker	TLIC4065A or TLIC4066A or TLIC4067A
TLID4050A	Discharge a dangerous goods tanker	None
E	**Communication and Calculation**	
TLIE1003A	Participate in basic workplace communication	None
TLIE1005A	Carry out basic workplace calculations	None
TLIE2001A	Present routine workplace information	None

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Code	Title	Prerequisites
TLIE2007A	Use communication systems	None
TLIE2008A	Process workplace documentation	None
TLIE2014A	Compile and process export documentation	None
TLIE2029A	Conduct workplace information briefings	None
TLIE2031A	Use communication systems for on-track vehicle operations	None
TLIE2032A	Assess removal	None
TLIE3002A	Estimate/calculate mass, area and quantify dimensions	None
TLIE3004A	Prepare workplace documents	None
TLIE3009A	Use pilot and escort communication	None
TLIE3010A	Estimate furniture removal jobs	None
TLIE3012A	Consolidate manifest documentation	None
TLIE3015A	Undertake rigger/dogger and driver communication	None
TLIE3016A	Estimate/calculate load shifting requirements for a mobile crane	None
TLIE3018A	Maintain freight records	None
TLIE3019A	Work with travel agencies and sales outlets	None
TLIE3021A	Work and communicate effectively with others	None
TLIE3022A	Complete workplace documents	None
TLIE3023A	Use electronic communication systems	None
TLIE3026A	Carry out advanced calculations in the transport and logistics industry	None
TLIE3028A	Complete a work diary in the road transport industry	None
TLIE4006A	Collect, analyse and present workplace data and information	None
TLIE4013A	Apply workplace statistics	None

Code	Title	Prerequisites
TLIE4025A	Prepare and process transport documentation for dangerous goods	None
TLIE4030A	Prepare rail safety reports	None
TLIE4032A	Use internal communication systems for rail industry regulatory compliance	None
TLIE4033A	Use communication systems to control tram/light rail operations	None
TLIE5020A	Apply knowledge of freight forwarding documentation and permits	None
F Safety Management		
TLIF0075A	Demonstrate awareness of interacting with other road users	None
TLIF0076A	Demonstrate awareness of factors to reduce road harm	None
TLIF0077A	Demonstrate knowledge of risk factors and consequences in interacting with other road users	None
TLIF0078A	Recognise motor vehicle road crash risks and post crash actions	None
TLIF0079A	Select a safe vehicle	None
TLIF0098A	Apply personal and equipment lockouts for rolling stock	None
TLIF1001A	Follow occupational health and safety procedures	None
TLIF1002B	Conduct housekeeping activities	None
TLIF1009A	Conduct cleaning operations in enclosed spaces	None
TLIF2006A	Apply accident-emergency procedures	None
TLIF2010A	Apply fatigue management strategies	None
TLIF2012A	Apply safe procedures when handling/transporting dangerous goods or explosives	None
TLIF2018A	Operate firefighting equipment	None
TLIF2019A	Ensure a safe on-board passenger and working environment	None

Code	Title	Prerequisites
TLIF2062A	Apply awareness of safeworking rules and regulations	None
TLIF2068A	Work at height in the stevedoring industry	None
TLIF2072A	Comply with safety and security procedures	None
TLIF2080C	Safely access the rail corridor	None
TLIF2081B	Perform lookout duties	None
TLIF2082B	Perform handsignaller duties	None
TLIF2092A	Demonstrate awareness of chain of responsibility regulations	None
TLIF2097A	Use audible track warning devices	None
TLIF2106A	Respond to emergencies and abnormal situations when driving medium/heavy on-track vehicles	None
TLIF3003A	Implement and monitor occupational health and safety procedures	None
TLIF3004A	Organise occupational health and safety procedures in the workplace	None
TLIF3013A	Coordinate breakdowns and emergencies	None
TLIF3014A	Operate as an off-sider in the waste management industry	None
TLIF3015A	Work safely as a non-electrical licensed worker near electrical assets	None
TLIF3022A	Implement/monitor procedures when warehousing/storing dangerous goods and/or hazardous substances	None
TLIF3058A	Apply safeworking rules and regulations to rail functions	None
TLIF3060A	Control traffic as a pilot vehicle operator	None
TLIF3063A	Administer the implementation of fatigue management strategies	None
TLIF3083B	Conduct track protection assessment	None
TLIF3084A	Follow mobile crane safety procedures	None

Code	Title	Prerequisites
TLIF3085A	Apply local incident response procedures	None
TLIF3087A	Follow occupational health, safety and environmental procedures in the rail industry	None
TLIF3089A	Implement fatigue management policies and procedures for rail infrastructure	None
TLIF3091A	Apply awareness of dangerous goods and hazardous materials requirements	None
TLIF3093A	Implement chain of responsibility regulations	None
TLIF3096A	Carry out emergency response to a dangerous goods incident	None
TLIF4007A	Implement and coordinate accident-emergency procedures	None
TLIF4014A	Develop and maintain a safe workplace	None
TLIF4061A	Respond to electric tram-driving emergencies and abnormal situations	None
TLIF4064A	Manage fatigue management policy and procedures	None
TLIF4065A	Ensure compliance with Australian Dangerous Goods Code	None
TLIF4066A	Implement and supervise transport regulations compliance systems	None
TLIF4069A	Monitor and respond to traffic flow	None
TLIF4070A	Operate fire and life safety system within a road tunnel	None
TLIF4086A	Control and coordinate incident responses	None
TLIF4088A	Implement and coordinate rail safety and OH&S risk-control strategies	None
TLIF4090A	Implement safeworking rules and regulations for network control activities	None
TLIF4094A	Ensure compliance with chain of responsibility	None
TLIF4095A	Apply occupational health and safety requirements for driving operations	None

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Code	Title	Prerequisites
TLIF4099A	Develop an application for, or variation to, rail accreditation	None
TLIF4100A	Identify and meet rail safety regulatory compliance requirements	None
TLIF4101A	Implement and maintain a rail safety culture	None
TLIF4102A	Implement and maintain safety management plans	None
TLIF4103A	Implement fitness for work procedures	None
TLIF4104A	Manage change in the rail safety environment	None
TLIF4105A	Manage rail safety compliance	None
TLIF4107A	Respond to notifiable rail safety occurrences	None
TLIF4108A	Implement traffic management plan in the transport industry	None
TLIF4109A	Communicate effectively to coordinate incident response procedures	None
TLIF4110A	Respond to abnormal situations and emergencies when driving a train	None
TLIF4111A	Work effectively in a train-driving environment	None
TLIF5017A	Investigate rail safety incidents	None
TLIF5020A	Manage emergencies	None
TLIF5021A	Apply rail safeworking rules and procedures	None
TLIF5022A	Develop and manage fitness for work procedures	None
TLIF5023A	Undertake a derailment investigation	None
TLIF5024A	Develop plans for emergency response and recovery of rail networks	None
G Teamwork		
TLIG1001A	Work effectively with others	None
TLIG2007A	Work in a socially diverse environment	None

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Code	Title	Prerequisites
TLIG3002A	Lead a work team or group	None
TLIG3003A	Apply positive behaviours in the workplace	None
TLIG4005A	Organise transport workload	None
TLIG4006A	Facilitate work teams	None
H	**Route Planning and Navigation**	
TLIH2001A	Interpret road maps and navigate pre-determined routes	None
TLIH2003A	Prioritise courier/delivery operations	None
TLIH3002A	Plan and navigate routes	None
TLIH3004A	Identify major roads, services and attractions	None
I	**Customer Service**	
TLII1002A	Apply customer service skills	None
TLII2006A	Provide freight forwarding services to customers	None
TLII2015A	Operate the on-train buffet car	None
TLII2019A	Provide Taxicab customer service to industry	None
TLII2020A	Provide assistance to customers with specific needs	None
TLII3003A	Provide customer service in transport vehicles/vessels	None
TLII3004A	Manage camping procedures for coaches and buses	None
TLII3007A	Provide freight forwarding information to customers	None
TLII3009A	Provide on-board services to customers	None
TLII3010A	Provide travel information to customers	None
TLII3020A	Provide assistance to customers with and without special needs	None
TLII3022A	Provide customer service in rail operations	None
TLII4001A	Coordinate quality customer service	None

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Code	Title	Prerequisites
TLII4005A	Market services and products to clients	None
TLII4008A	Monitor transport activities at interchanges	None
TLII4016A	Service freight customers	None
TLII4017A	Develop freight customers	None
TLII4022A	Identify and meet customer requirements	None
TLII5018A	Manage customer service	None
J Quality		
TLIJ2001A	Apply quality procedures	None
TLIJ2003A	Apply grain protection measures	None
TLIJ2004A	Implement grain monitoring measures	None
TLIJ3002A	Apply quality systems	None
TLIJ3005A	Sample, inspect and test products to specifications	None
TLIJ3006A	Implement grain protection procedures	None
TLIJ4008A	Implement and monitor inbound QA systems	None
TLIJ4009A	Implement and monitor quality assurance systems	None
TLIJ4010A	Implement quality systems and procedures in a dangerous goods workplace	None
TLIJ5007A	Conduct internal quality audits	None
K Technology		
TLIK2003A	Apply keyboard skills	None
TLIK2007A	Perform electronic data interchange (EDI) to transmit shipping documentation	None
TLIK2010A	Use infotechnology devices in the workplace	None
TLIK4008A	Implement and monitor network security	None
TLIK5006A	Evaluate software requirements and hardware	None

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Code	Title	Prerequisites
	enhancements	
TLIK5009A	Apply knowledge of ICT to international freight forwarding activities	None
L	**Resource Management**	
TLIL1001A	Complete workplace orientation/induction procedures	None
TLIL2008A	Complete routine administrative tasks	None
TLIL2031A	Monitor and process attendance records	None
TLIL2041A	Monitor and record rolling stock locations	None
TLIL2046A	Handle customer luggage/property	None
TLIL2048A	Prepare for train departure	None
TLIL2060A	Complete induction to the Transport Industry	None
TLIL3002A	Undertake employee payroll activities	None
TLIL3003A	Conduct induction process	None
TLIL3035A	Allocate motive power	None
TLIL3039A	Assist with train operations	None
TLIL3045A	Organise services for special events	None
TLIL3052A	Plan urban passenger train consists	None
TLIL3053A	Plan rural passenger train consists	None
TLIL3054A	Plan freight train consists	None
TLIL3065B	Implement a track occupancy authority	None
TLIL3071A	Control and coordinate local rail traffic movement	None
TLIL3072A	Operate signal panel or equipment	None
TLIL3082A	Implement absolute signal blocking	None
TLIL3083A	Implement a track work authority and manage rail traffic through worksites	None

Code	Title	Prerequisites
TLIL3084A	Implement a local possession authority	None
TLIL4005A	Apply conflict/grievance resolution strategies	None
TLIL4009A	Manage personal work priorities and professional development	None
TLIL4010A	Assess and confirm customer transport requirements	None
TLIL4021A	Coordinate the erection and dismantling of temporary storage facilities	None
TLIL4030A	Control a furniture warehouse	None
TLIL4032A	Implement equal employment equity strategies	None
TLIL4033A	Promote effective workplace practice	None
TLIL4034A	Arrange alternative passenger transport	None
TLIL4036A	Develop rosters	None
TLIL4037A	Apply and amend rosters	None
TLIL4038A	Organise marshalling and shunting operations	None
TLIL4040A	Plan and control daily train operations	None
TLIL4042A	Control rail traffic movement	None
TLIL4043A	Allocate freight	None
TLIL4044A	Organise freight yard movement	None
TLIL4047A	Coordinate train movement activities	None
TLIL4049A	Develop train plans and schedules	None
TLIL4050A	Allocate rolling stock	None
TLIL4058A	Plan a career in logistics	None
TLIL4059A	Implement asset management systems	None
TLIL4069A	Plan and coordinate protection for multiple worksites within the limits of a work on track authority	None

Code	Title	Prerequisites
TLIL4070A	Work effectively in the transport, distribution and logistics industry	None
TLIL4073A	Apply asset management system	None
TLIL4074A	Control and coordinate rail traffic movement	None
TLIL4075A	Implement and amend daily train plan	None
TLIL4076A	Coordinate resources	None
TLIL4077A	Develop out-of-course rail traffic plans and schedules	None
TLIL4078A	Coordinate fleet control logistics	None
TLIL4079A	Manage the recovery process	None
TLIL4080A	Coordinate rail interface agreements	None
TLIL4081A	Ensure competency of rail safety workers	None
TLIL4083A	Assist with train operations	None
TLIL4084A	Control daily tram/light rail operations	None
TLIL4085A	Coordinate tram/light rail traffic movement	None
TLIL5019A	Implement and monitor transport logistics	None
TLIL5020A	Develop and maintain operational procedures for transport and logistics enterprises	None
TLIL5026A	Manage export logistics	None
TLIL5055A	Manage a supply chain	None
TLIL5057A	Maintain, monitor and improve transport operations systems	None
TLIL5061A	Apply knowledge of the international freight forwarding industry	None
TLIL5062A	Apply knowledge of logistics storage and distribution to international freight forwarding	None
TLIL5063A	Review contracts insurance risk and liability in the international freight forwarding context	None

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Code	Title	Prerequisites
TLIL5064A	Manage international special freight transport services including dangerous goods and special cargo	None
TLIL5065A	Roster train crews	None
TLIL5066A	Apply rail resource management principles	None
TLIL5067A	Develop a passenger transport plan	None
TLIL5068A	Implement a passenger transport plan	None
TLIL5069A	Manage a rail yard or terminal	None
TLIL5070A	Manage rail freight operations	None
TLIL5071A	Manage rail passenger operations	None
TLIL5072A	Manage rail yard operations	None
TLIL5073A	Manage train crewing and rostering	None
LIC Licensing		
TLILIC0012 A	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)	None
TLILIC2001 A	Licence to operate a forklift truck	None
TLILIC2002 A	Licence to operate an order picking forklift truck	None
TLILIC2005 A	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)	None
TLILIC2014B	Licence to drive a light rigid vehicle	None
TLILIC2015B	Licence to drive a medium rigid vehicle	None
TLILIC2016B	Licence to drive a heavy rigid vehicle	None
TLILIC3003 A	Licence to operate a bridge and gantry crane	None
TLILIC3004 A	Licence to operate a derrick crane	None

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Code	Title	Prerequisites
TLILIC3006 A	Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)	None
TLILIC3007 A	Licence to operate a portal boom crane	None
TLILIC3008 A	Licence to operate a slewing mobile crane (up to 20 tonnes)	None
TLILIC3013 A	Preparation to transport dangerous goods by road	None
TLILIC3017B	Licence to drive a heavy combination vehicle	None
TLILIC3018B	Licence to drive a multi-combination vehicle	None
TLILIC3019 A	Licence to operate a reach stacker – greater than 3 tonnes capacity	None
TLILIC4009 A	Licence to operate a slewing mobile crane (up to 60 tonnes)	None
TLILIC4010 A	Licence to operate a slewing mobile crane (up to 100 tonnes)	None
TLILIC4011 A	Licence to operate a slewing mobile crane (over 100 tonnes)	None
M Training and Assessment		
TLIM4001A	Develop safe car driving behaviours in others	None
TLIM4002A	Develop safe heavy vehicle driving behaviours in others	None
TLIM4003A	Develop safe motorcycle riding behaviours in others	None
TLIM4004A	Mentor individuals or small groups	None
O Security		
TLIO1002A	Follow security procedures when working with passengers and personnel	None
TLIO2003A	Undertake loading and unloading in a designated secured environment	None
TLIO2011A	Provide revenue protection measures	None

Code	Title	Prerequisites
TLIO2013A	Administer the security of assets and facilities	None
TLIO2021A	Follow security procedures when working with goods and cargo	None
TLIO3004A	Conduct control procedures for transferring explosives and dangerous/hazardous/high risk goods	None
TLIO3007A	Undertake emergency response action to a security threat	None
TLIO3012A	Manage disruptive and/or unlawful behaviour	None
TLIO3015A	Maintain security of railway property and revenue	None
TLIO3016A	Apply and monitor workplace security procedures	None
TLIO3019A	Apprehend offenders	None
TLIO5005A	Plan and manage security procedures for the enterprise	None
TLIO5006A	Plan and manage security procedures for transferring and transporting dangerous goods	None
TLIO5017A	Manage security of storage facilities	None
TLIO5018A	Manage compliance with customs excise	None
TLIO5020A	Advise on and manage security and safety in international freight transport	None
P	**Administration and Finance**	
TLIP2014A	Capture records into a records keeping system	None
TLIP2017A	Maintain control of records	None
TLIP2018A	Provide information from and about records	None
TLIP2024A	Conduct financial transactions	None
TLIP2029A	Prepare and process financial documents	None
TLIP2030A	Conduct courier/delivery cash transactions	None
TLIP2032A	Maintain petty cash account	None
TLIP2033A	Sell products and services	None

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Code	Title	Prerequisites
TLIP2037A	Carry out financial transactions and maintain records	None
TLIP2038A	Conduct, balance and secure financial transactions	None
TLIP2039A	Ensure the confidentiality, privacy and security of customer information	None
TLIP3015A	Document a records system	None
TLIP3016A	Identify and classify records to be captured	None
TLIP3019A	Provide records retrieval service	None
TLIP3020A	Sentence records	None
TLIP3021A	Undertake disposal program	None
TLIP3022A	Undertake movement of records	None
TLIP3023A	Destroy records	None
TLIP3026A	Maintain financial records in a small business	None
TLIP3027A	Organise freight invoicing and payment	None
TLIP3034A	Advise on and construct fares for customers	None
TLIP4001A	Develop plans to meet customer and organisation needs	None
TLIP4002A	Facilitate and capitalise on change in the workplace	None
TLIP4003A	Implement, maintain and evaluate dangerous goods transport procedures within the workplace	None
TLIP4005A	Manage workplace information	None
TLIP4010A	Assess lift requirements and provide quotation	None
TLIP4013A	Implement and monitor logistics planning and process	None
TLIP4028A	Administer international trading accounts	None
TLIP4031A	Maintain customer credit accounts and services	None
TLIP4038A	Monitor a supply chain operation	None
TLIP4039A	Monitor transport operations	None

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Code	Title	Prerequisites
TLIP4040A	Monitor warehouse operations	None
TLIP5004A	Develop a transport and logistics business plan	None
TLIP5006A	Establish international distribution networks	None
TLIP5007A	Contribute to the development of a workplace learning environment	None
TLIP5008A	Manage a transport and logistics business unit	None
TLIP5011A	Develop and evaluate strategies for transport and logistics enterprises	None
TLIP5025A	Set and achieve budget	None
TLIP5035A	Manage budgets and financial plans	None
TLIP5036A	Manage assets	None
TLIP5037A	Develop workplace policies and procedures	None

PC	Pathways Certificate	
TLIPC1001A	Demonstrate care and apply safe practices at work	None
TLIPC1002A	Adapt to work requirements in the transport and logistics industry	None
TLIPC1003A	Apply effective work practices	None
TLIPC1004A	Complete courier delivery operations	None
TLIPC1005A	Complete small store operations	None

R	Contract Procurement	
TLIR4001A	Monitor supplier performance	None
TLIR4002A	Source goods/services and evaluate contractors	None
TLIR4003A	Negotiate a contract	None
TLIR4008A	Implement and supervise stocktaking procedures	None
TLIR4009A	Implement purchasing systems	None

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Code	Title	Prerequisites
TLIR4010A	Plan purchasing	None
TLIR4012A	Conduct international purchasing	None
TLIR5005A	Manage a contract	None
TLIR5006A	Develop, implement and review purchasing strategies	None
TLIR5007A	Manage international purchasing	None
TLIR5014A	Manage suppliers	None
S	**Construction and Installation**	
TLIS2004A	Install and maintain rail bonding systems	None
TLIS2012A	Install and service rail lubrication equipment	None
TLIS2013C	Install minor structures	None
TLIS2020A	Install overhead wiring structure	None
TLIS2027A	Install and maintain surface track drainage	None
TLIS2028A	Install and replace transoms	None
TLIS2030A	Carry out track ballasting	None
TLIS2031A	Install railway sleepers	None
TLIS2033A	Install and repair temporary track supports	None
TLIS2034A	Install and repair rail fastening systems	None
TLIS2035A	Install and repair fences and gates	None
TLIS2036A	Use chemical repair products	None
TLIS2044A	Carry out rail installation	None
TLIS3005A	Install mechanical infrastructure for signalling	None
TLIS3009A	Install mechanical signalling locking and interlocking devices	None
TLIS3010A	Test rail using ultrasonic equipment	None

Code	Title	Prerequisites
TLIS3011A	Test rail using nondestructive testing equipment	None
TLIS3023A	Erect and mount structures and housings for signalling equipment	None
TLIS3025A	Implement ballast unloading	None
TLIS3026B	Implement track maintenance and construction	None
TLIS3029B	Implement structures maintenance and installation of minor structures	None
TLIS3037B	Install and repair rail earthworks	None
TLIS3039A	Measure and mark track for resurfacing	None
TLIS3040A	Construct concrete or steel points and crossings	None
TLIS3041A	Construct timber or composite points and crossings	None
TLIS3045A	Install turnouts	None
TLIS4007A	Decommission mechanical signalling infrastructure and interlocking equipment from service	None
U Environment		
TLIU1009A	Monitor plant and equipment in an environmentally sustainable manner	None
TLIU1013A	Prepare for environmentally sustainable work practices	None
TLIU2008A	Apply environmental procedures to rail infrastructure	None
TLIU2012A	Participate in environmentally sustainable work practices	None
TLIU3011A	Implement and monitor environmentally sustainable work practices	None
TLIU3014A	Operate vehicle in an environmentally sustainable manner	None
TLIU3015A	Identify wastes and hazards in the waste management industry	None
TLIU4001A	Implement and monitor environmental protection policies and procedures	None

Code	Title	Prerequisites
TLIU4010A	Develop workplace policy and procedures for sustainability	None
TLIU4011A	Apply environmental procedures to rail operations	None
TLIU5006A	Conduct environmental audits	None
W	**Equipment and Systems Operations**	
TLIW0036A	Apply electric welding process to rail	None
TLIW0044A	Weld rail on tram/light rail systems using submerged arc welding process	None
TLIW2001A	Operate under track protection rules	None
TLIW2012A	Grind rails	None
TLIW2017A	Cut and join materials	None
TLIW2018A	Operate hand held air/power equipment for production processes	None
TLIW2019A	Apply surface coatings using a spray gun	None
TLIW2020A	Undertake pallet repairs	None
TLIW2021A	Clean and inspect pallets	None
TLIW2022A	Manufacture pallets using automated methods	None
TLIW2023A	Manufacture pallets using manual methods	None
TLIW2024A	Dock boards using computer programmed machinery	None
TLIW2025A	Dock boards on mechanical feeds	None
TLIW2028A	Identify the principles of ballast cleaning operations	None
TLIW2029A	Identify the principles of ballast regulator operations	None
TLIW2030A	Identify the principles of dynamic track stabiliser operations	None
TLIW2031A	Identify the principles of self-propelled rail grinder operations	None

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Code	Title	Prerequisites
TLIW2032A	Identify the principles of tamping machine operations	None
TLIW2033A	Identify the principles of mechanised track laying operations	None
TLIW2037B	Clip and secure points	None
TLIW2038A	Place and remove temporary speed restriction equipment	None
TLIW2039A	Place and remove permanent way stop boards	None
TLIW2041A	Clip points and apply rail safety equipment	None
TLIW3006A	Operate computerised mail and parcels sorting equipment	None
TLIW3007A	Code and coordinate video-coding operations	None
TLIW3008A	Carry out culler facer canceller (CFC) operations	None
TLIW3013A	Grind switches and crossings	None
TLIW3015A	Weld rail using aluminothermic welding process	None
TLIW3016A	Weld rail using flashbutt welding process	None
TLIW3026B	Operate stand alone signalling/point control equipment	None
TLIW3027A	Operate minor track equipment	None
TLIW3034A	Apply protective coating systems to structures	None
TLIW3035A	Heat and cut materials using oxy-LPG equipment for the rail industry	None
TLIW3042A	Grind rail on tram/light rail systems	None
TLIW3043A	Weld rail on tram/light rail systems using electric welding process	None
TLIW5001A	Apply rail communications systems	None
TLIW5002A	Manage rail assets and interfaces	None
TLIW5003A	Manage rail network control systems	None
TLIW5004A	Manage train planning	None

Code	Title	Prerequisites
X Logistics		
TLIX4007A	Implement and monitor integrated logistics support plans	None
TLIX4008A	Conduct integrated logistics support activities	None
TLIX4009A	Apply integrated logistics support processes and procedures	None
TLIX4011A	Conduct logistics support analysis activities	None
TLIX4016A	Implement and monitor materiel sustainment plans	None
TLIX4017A	Conduct materiel sustainment activities	None
TLIX4018A	Apply materiel sustainment processes and procedures	None
TLIX4022A	Implement and monitor configuration management plans	None
TLIX4023A	Conduct configuration management activities	None
TLIX4024A	Apply configuration management processes and procedures	None
TLIX4026A	Apply codification and cataloguing processes and procedures	None
TLIX4027A	Assess maintenance spares and manage repairable items	None
TLIX4028A	Apply knowledge of logistics	None
TLIX4029A	Apply knowledge of integrated logistics support	None
TLIX4030A	Apply knowledge of materiel sustainment	None
TLIX4031A	Apply knowledge of configuration management	None
TLIX4032A	Apply knowledge of technical regulatory framework	None
TLIX4033A	Apply technical regulatory framework compliance management systems	None
TLIX4034A	Apply technical risk management systems and techniques	None
TLIX4035A	Maintain technical data and information	None
TLIX4036A	Analyse, advise on and carry out integrated border	None

Code	Title	Prerequisites
	clearance transactions	
TLIX5003A	Develop and review integrated logistics support plans	None
TLIX5004A	Develop integrated logistics support processes and procedures	None
TLIX5005A	Manage integrated logistics support operations	None
TLIX5006A	Manage verification and validation	None
TLIX5010A	Provide specialist integrated logistics support advice	None
TLIX5012A	Develop and review materiel sustainment plans	None
TLIX5013A	Develop materiel sustainment processes and procedures	None
TLIX5014A	Manage materiel sustainment operations	None
TLIX5015A	Establish supply chains	None
TLIX5019A	Provide specialist materiel sustainment advice	None
TLIX5020A	Develop and review configuration management plans	None
TLIX5021A	Manage configuration management processes	None
TLIX5025A	Provide specialist configuration management advice	None
TLIX5036A	Manage and monitor technical data and information systems	None
TLIX5037A	Plan logistic support for deployed operations	None
TLIX5038A	Organise the deployment and delivery of logistics support	None
TLIX5039A	Plan and conduct road convoy	None
TLIX5040A	Manage contracted support services	None
TLIX5041A	Organise supply support on deployment	None
TLIX5042A	Organise road transport operations	None
TLIX5043A	Conduct maintenance on deployed operations	None
TLIX5044A	Organise health support operations	None

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Code	Title	Prerequisites
TLIX5045A	Manage and monitor catering on deployed operations	None
TLIX5046A	Carry out standard customs clearance practices	None
TLIX5047A	Determine customs value	None
TLIX5048A	Determine import and/or export prohibitions and/or restrictions	None
TLIX5049A	Determine indirect taxes	None
TLIX5050A	Determine origin of goods and apply preference schemes or free trade agreements	None
TLIX5051A	Determine tariff classification of goods	None
TLIX5052A	Determine complex customs value	None
TLIX5053A	Determine tariff classification for complex goods	None
TLIX5054A	Comply with biosecurity border clearance	None
TLIX5055A	Apply anti-dumping and countervailing measures	None
TLIX5056A	Carry out additional customs clearance practices	None
TLIX5057A	Prepare documents for customs clearance	None
TLIX5058A	Review decisions of regulatory bodies	None
TLIX5059A	Undertake border clearance functions	None
TLIX6001A	Formulate materiel logistics strategies	None
TLIX6002A	Contribute to materiel logistics strategies	None
TLIX6046A	Plan deployed logistic support for significant operations	None
TLIX6047A	Monitor and provide logistic staff support for significant deployed operations	None
TLIX6048A	Manage the deployment and delivery of logistic support	None
TLIX6049A	Undertake provisioning in support of deployed operations	None
TLIX6050A	Plan distribution operations on deployment	None

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Code	Title	Prerequisites
TLIX6051A	Plan maintenance for deployed operations	None
TLIX6052A	Plan health support for deployed personnel	None
TLIX6053A	Coordinate health support operations	None

Imported Units of Competency in TLI10 Transport and Logistics Training Package (Version 4.2)

The TLI10 Transport and Logistics Training Package (Version 4.2) has imported units of competency from other Training Packages. Please check the relevant Assessment Guidelines of the source Training Package by accessing the national training website www.training.gov.au (TGA) or a physical copy regarding any special conditions which may apply to the assessment of imported units of competency. For up-to-date versions of the following units, refer to www.training.gov.au or the respective Industry Skills Councils.

Code	Title	Prerequisite
AHC10 Agriculture, Horticulture and Conservation and Land Management Training Package		
AHCARB205A	Operate and maintain chainsaws	Nil
AHCARB202A	Fell small trees	Nil
AHCOHS501A	Manage occupational health and safety processes	Nil
AUR05 Automotive Industry Retail, Service and Repair Training Package		
AURVGA3001	Recover vehicle	Nil
BSB07 Business Services Training Package		
BSBADM409A	Coordinate business resources	Nil
BSBADM502B	Manage meetings	Nil
BSBCMM301B	Process customer complaints	Nil
BSBCMM401A	Make a presentation	Nil
BSBCOM501B	Identify and interpret compliance requirements	Nil
BSBCOM601B	Research compliance requirements and issues	Nil
BSBCUS201B	Deliver a service to customers	Nil
BSBCUS301B	Deliver and monitor a service to customers	Nil
BSBCUS401B	Coordinate implementation of customer service strategy	Nil
BSBCUS501C	Manage quality customer service	Nil

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Code	Title	Prerequisite
BSBFIM501A	Manage budgets and financial plans	Nil
BSBFLM405B	Implement operational plan	Nil
BSBHRM402A	Recruit, select and induct staff	Nil
BSBHRM405A	Support the recruitment, selection and induction of staff	Nil
BSBHRM513A	Manage workforce planning	Nil
BSBINN502A	Build and sustain an innovative work environment	Nil
BSBINM401A	Implement workplace information system	Nil
BSBINM501A	Manage an information or knowledge management system	Nil
BSBITU101A	Operate a personal computer	Nil
BSBITU102A	Develop keyboard skills	Nil
BSBMGT401A	Show leadership in the workplace	Nil
BSBMGT402A	Implement operational plan	Nil
BSBMGT403A	Implement continuous improvement	Nil
BSBMGT502B	Manage people performance	Nil
BSBMGT515A	Manage operational plan	Nil
BSBMGT516C	Facilitate continuous improvement	Nil
BSBMGT605B	Provide leadership across the organisation	Nil
BSBMGT616A	Develop and implement strategic plans	Nil
BSBMGT617A	Develop and implement a business plan	Nil
BSBMKG513A	Promote products and services to international markets	Nil
BSBOHS407A	Monitor a safe workplace	Nil
BSBOHS509A	Ensure a safe workplace	Nil

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Code	Title	Prerequisite
BSBPMG401A	Apply project scope management techniques	Nil
BSBPMG416A	Apply project procurement procedures	Nil
BSBPMG503A	Manage project time	Nil
BSBPMG504A	Manage project costs	Nil
BSBPMG506A	Manage project human resources	Nil
BSBPMG507A	Manage project communications	Nil
BSBPMG509A	Manage project procurement	Nil
BSBPMG510A	Manage projects	Nil
BSBPMG604A	Direct cost management of a project program	Nil
BSBPMG606A	Direct human resources management of a project program	Nil
BSBPMG609A	Direct procurement and contracting for a project program	Nil
BSBPUR301B	Purchase goods and services	Nil
BSBREL401A	Establish networks	Nil
BSBREL402A	Build client relationships and business networks	Nil
BSBRKG304B	Maintain business records	Nil
BSBRSK401A	Identify risk and apply risk management processes	Nil
BSBRSK501B	Manage risk	Nil
BSBSUS201A	Participate in environmentally sustainable work practices	Nil
BSBSUS501A	Develop workplace policy and procedures for sustainability	Nil
BSBWHS303A	Participate in WHS hazard identification, risk assessment and risk control	Nil
BSBWHS501A	Ensure a safe workplace	Nil

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Code	Title	Prerequisite
BSBWOR201A	Manage personal stress in the workplace	Nil
BSBWOR301B	Organise personal work priorities and development	Nil
BSBWOR501B	Manage personal work priorities and professional development	Nil
BSBWOR301B	Organise personal work priorities and development	Nil
BSBWOR402A	Promote team effectiveness	Nil
BSBWOR502B	Ensure team effectiveness	Nil
BSBWRK509A	Manage industrial relations	Nil
BSBWRK411A	Support employee and industrial relations procedures	Nil
BSBWRT301A	Write simple documents	Nil

CPC08 Construction, Plumbing and Services Training Package

Code	Title	Prerequisite
CPCCLDG3001A	Licence to perform dogging	Nil
CPCCLRG3001A	Licence to perform rigging basic level	Nil
CPCCLRG3002A	Licence to perform rigging intermediate level	CPCCLRG3001A
CPCCLRG4001A	Licence to perform rigging advanced level	CPCCLRG3002A
CPCCOHS1001A	Work safely in the construction industry	Nil
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry	Nil
CPCCCM2010A	Work safely at heights	CPCCOHS2001A
CPCCCM2007A	Use explosive power tools	CPCCOHS2001A
CPCCCM2008A	Erect and dismantle restricted height scaffolding	CPCCOHS2001A
CPCCCM3003A	Work safely around power sources, services and assets	CPCCOHS2001A
CPCCSF2003A	Cut and bend materials using oxy-LPG equipment	CPCCOHS2001A

Code	Title	Prerequisite
CPCCCO3034A	Conduct concrete agitator truck operations	CPCCOHS1001A
CPCCCA2003A	Erect and dismantle formwork for footings and slabs on ground	CPCCOHS2001A

CPP07 Property Services Training Package

Code	Title	Prerequisite
CPPSEC5001A	Establish and maintain an occupational health and safety system	Nil
CPPWMT3011A	Respond to waste emergencies	Nil
CPPWMT3015A	Move waste using loadshifting equipment	Nil
CPPWMT3044A	Identify wastes and hazards	Nil

FDF10 Food Processing Training Package

Code	Title	Prerequisite
FDFFS3001A	Monitor the implementation of quality and food safety programs	FDFFS2001A

FPI11 Forest and Forest Products Training Package

Code	Title	Prerequisite
FPICOT3261	Transport forestry logs using trucks	Nil

HLT07 Health Training Package

Code	Title	Prerequisite
HLTAMBPD401C	Manage personal stressors in the work environment	Nil
HLTCSD306D	Respond effectively to behaviours of concern	Nil
HLTFA211A	Provide basic emergency life support	Nil
HLTFA311A	Apply first aid	Nil
HLTFA412A	Apply advanced first aid	HLTFA311A

MAR13 Maritime Training Package

Code	Title	Prerequisite
MARC1001A	Carry out shore-based mooring and untying operations	Nil
MARE1001A	Communicate during shore-based mooring and untying operations	Nil
MARF1004A	Follow work health and safety, and emergency	Nil

Code	Title	Prerequisite
	procedures during shore-based mooring operations	

MSA07 Manufacturing Training Package

MSS402080A	Undertake root cause analysis	Nil

MEM05 Metal and Engineering Training Package

MEM12023A	Perform engineering measurements	Nil
MEM18001C	Use hand tools	Nil
MEM24001B	Perform basic penetrant testing	MEM24012C MEM18001C
MEM24003B	Perform basic magnetic particle testing	MEM24012C
MEM24012C	Apply metallurgy principles	Nil

NWP07 Water Training Package

NWP227B	Control vegetation on a site	Nil

PMC10 Manufactured Mineral Products Training Package

PMC552061C	Deliver concrete to site	Nil

PSP12 Public Sector Training Package

PSPGOV205B	Participate in workplace change	Nil
PSPGOV306B	Implement change	Nil
PSPGOV404B	Develop and implement work unit plans	Nil
PSPGOV406B	Gather and analyse information	Nil
PSPGOV413A	Compose complex workplace documents	Nil
PSPGOV421A	Exercise delegations	Nil
PSPGOV503B	Coordinate resource allocation and usage	Nil
PSPGOV504B	Undertake research and analysis	Nil
PSPGOV506A	Support workplace coaching and mentoring	Nil

Code	Title	Prerequisite
PSPGOV511A	Provide leadership	Nil
PSPGOV512A	Use complex workplace communication strategies	Nil
PSPGOV513A	Refine complex workplace documents	Nil
PSPGOV515A	Develop and use political nous	Nil
PSPGOV516A	Develop and use emotional intelligence	Nil
PSPGOV518A	Benchmark performance	Nil
PSPGOV519A	Manage performance	Nil
PSPGOV524A	Interpret data and related statistics	Nil
PSPGOV602B	Establish and maintain strategic networks	Nil
PSPGOV604A	Foster leadership and innovation	Nil
PSPGOV605A	Persuade and influence opinion	Nil
PSPGOV606A	Prepare high-level/sensitive written materials	Nil
PSPHR504A	Implement workforce planning and succession strategies	Nil
PSPHR620A	Manage organisational development	Nil
PSPMNGT602B	Manage resources	Nil
PSPMNGT608B	Manage risk	Nil
PSPMNGT610A	Manage public sector financial resources	Nil
PSPMNGT613A	Develop partnering arrangements	Nil
PSPMNGT615A	Influence workforce effectiveness	Nil
PSPMNGT701B	Provide strategic direction	Nil
PSPPM401B	Design simple projects	Nil
PSPPM402B	Manage simple projects	Nil
PSPPM403B	Close simple projects	Nil

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Code	Title	Prerequisite
PSPPM504A	Carry out complex project activities	Nil
PSPPOL602A	Provide policy advice	Nil
PSPPOL603A	Manage policy implementation	Nil
PSPPOL404A	Support policy implementation	Nil
PSPPROC303A	Carry out basic procurement	Nil
PSPPROC405C	Dispose of assets	Nil
PSPPROC411A	Plan procurement	Nil
PSPPROC412A	Develop and distribute requests for offers	Nil
PSPPROC413A	Select providers and develop contracts	Nil
PSPPROC414A	Manage contracts	Nil
PSPPROC505A	Manage procurement risk	Nil
PSPPROC506A	Plan to manage a contract	Nil
PSPPROC503B	Manage contract performance	Nil
PSPPROC504B	Finalise contracts	Nil
PSPPROC607A	Manage strategic contracts	Nil
PSPPROC603C	Divest strategic assets	Nil
PSPPROC604B	Plan for strategic procurement	Nil
PSPPROC605B	Coordinate strategic procurement	Nil
PSPPROC606B	Negotiate strategic procurement	Nil
PSPPROC704A	Influence and define strategic procurement	Nil
PSPPROC705A	Establish strategic procurement context	Nil
PSPSEC602A	Manage security awareness	Nil

PUA12 Public Safety Training Package

PUACOM007B	Liaise with other organisations	PUACOM005B

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Code	Title	Prerequisite
		(only when used in PUAFIR Fire Sector Qualification)
PUADEFVH001A	Conduct recovery vehicle operations in a field environment	Nil
PUADEFVH002A	Extract disabled equipment using winching techniques in a field environment	Nil
PUAFIR302B	Suppress urban fire	HLTFA311A, PUAFIR203B
PUAOPE001B	Supervise response	PUAFIR302B or PUAFIR303B (only when used in PUAFIR Fire Sector Qualification)
PUAWER005B	Operate as part of an emergency control organisation	Nil

RII09 Resources and Infrastructure Training Package

Code	Title	Prerequisite
RIICBS312A	Conduct bitumen tanker operations	Nil
RIICCM201A	Carry out measurements and calculations	Nil
RIICCM203A	Read and interpret plans and specifications	Nil
RIICCM205A	Carry out manual excavation	Nil
RIICCM207A	Spread and compact materials manually	Nil
RIICCM208A	Carry out basic levelling	Nil
RIICCM209A	Carry out concrete work	Nil
RIIBEF402A	Supervise on-site operations	Nil
RIIHAN212A	Conduct non-slewing crane operations	Nil
RIIHAN301B	Operate elevating work platform	Nil

Code	Title	Prerequisite
RIIOHS202A	Enter and work in confined spaces	Nil
RIIOHS204A	Work safely at heights	Nil
RIIOHS205A	Control traffic with a stop-slow bat	Nil
RIIOHS302A	Implement traffic management plan	Nil
RIIMPO317A	Conduct roller operations	Nil
RIIMPO319A	Conduct backhoe/loader operations	Nil
RIIMPO320B	Conduct civil construction excavator operations	Nil
RIIMPO321B	Conduct civil construction wheeled front end loader operations	Nil
RIIMPO322A	Conduct civil construction tracked front end loader operations	Nil
RIIMPO318B	Conduct skid steer loader operations	Nil
RIIMPO326A	Conduct civil construction water cart operations	Nil
RIIRIS401A	Apply site risk management system	Nil

SIR07 Retail Services Training Package

Code	Title	Prerequisite
SIRCDIS302	Deliver medicines to customers outside the pharmacy	Nil

SIT07 Tourism Hospitality and Events

Code	Title	Prerequisite
SITXCOM003A	Deal with conflict situations	Nil
SITXFIN004A	Manage finances within a budget	Nil
SITXEVT018B	Develop a transport strategy for an event	Nil
SITXFSA001A	Implement food safety procedures	SITXOHS002A
SITXOHS002A	Follow workplace hygiene procedures	Nil

SIT12 Tourism, Travel and Hospitality Training Package

Code	Title	Prerequisite
SITHFAB201	Provide responsible service of alcohol	Nil

Code	Title	Prerequisite
SITXCOM401	Manage conflict	Nil
SITXFSA101	Use hygienic practices for food safety	Nil
SITXMPR404	Coordinate marketing activities	Nil

TAE10 Training and Education Training Package

TAEASS402B	Assess competence	Nil
TAEDEL301A	Provide work skill instruction	Nil
TAEASS401B	Plan assessment activities and processes	Nil
TAEDEL402A	Plan, organise and facilitate learning in the workplace	Nil
TAEDES401A	Design and develop learning programs	Nil

UET12 Transmission, Distribution and Rail Sector Training Package

UETTDRRF02B	Perform pole top rescue	Nil

UEG11 Gas Industry Training Package

UEGNSG601A	Assess the operational capability of gas safety equipment on tankers	Nil
UEGNSG603B	Load, unload and exchange gas cylinders	Nil

Where any of the units listed above are used to form a qualification or Skill Set they do not count as units imported under the following packaging rule:

up to 2 suitable units (aligned at AQF xx) drawn with appropriate contextualisation from either other Transport and Logistics Certificate xx qualifications, or other relevant endorsed Training Packages.

Summary mapping

Mapping of TLI10 Transport and Logistics Training Package Version 4.2 to TLI10 Transport and Logistics Training Package Version 4.1

All units of competency previously listed in TLI10 Version 4.1 as 'not carried forward' have been reinstated in TLI10 Version 4.2.

Mapping of TLI10 Transport and Logistics Training Package Version 4.1 to TLI10 Transport and Logistics Training Package Version 4.0

This table shows the relationship between qualifications and units of competency that have changed in the TLI10 Transport and Logistics Training Package Version 4.1 and the qualifications and units of competency in the TLI10 Transport and Logistics Training Package Version 4.0.

Legend: E = Equivalent   N = Not Equivalent

Code	Title (Version 4.0)	Comment	E/N	Code	Title (Version 4.1)
TLI33513	Certificate III in Stevedoring	Employability Skills edited	E	TLI33513	Certificate III in Stevedoring
TLI41610	Certificate IV in International Freight Forwarding (Senior Operator)	Superseded unit replaced	E	TLI41610	Certificate IV in International Freight Forwarding (Senior Operator)

Mapping of TLI10 (Version 4) to TLI10 (Version 3)

This table shows the relationship between qualifications and units of competency that have changed in the TLI10 (Version 4) Training Package and the qualifications and units of competency in the TLI10 (Version 3) Training Package.

Legend: E = Equivalent   N = Not Equivalent

Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
TLI21210	Certificate II in Driving Operations	Revised qualification 3 units added to licensing units 1 unit added to general elective units	E	TLI21210	Certificate II in Driving Operations
TLI21311	Certificate II in Rail Infrastructure	Revised qualification Imported units updated	E	TLI21311	Certificate II in Rail Infrastructure

Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
TLI21413	Certificate II in Stevedoring	Revised qualification 3 units added to general elective units	E	TLI21413	Certificate II in Stevedoring
TLI10410	Certificate I in Transport and Logistics (Rail Operations)	New qualification Generic qualifications have been replaced by a specific qualification that reflects current work requirements	N	TLI22313	Certificate II in Rail Customer Service
TLI20410	Certificate II in Transport and Logistics (Rail Operations)				
TLI21510	Certificate II in Furniture Removal	Revised qualification 2 units moved from core units to general elective units 2 units replaced in core Core units reduced from 9 units to 7 units 2 units removed from general elective units 10 units added to general elective units	N	TLI22413	Certificate II in Furniture Removal
TLI31210	Certificate III in Driving Operations	Revised qualification 5 units added	E	TLI31210	Certificate III in Driving Operations

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Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
		to licensing list 3 units removed from general elective units 2 units added to general elective units			
TLI30410	Certificate III in Transport and Logistics (Rail Operations)	New qualification Generic qualification has been replaced by a specific qualification that reflects current work requirements	N	TLI33113	Certificate III in Rail Customer Service
		New qualification		TLI33213	Certificate III in Terminal Train Driving
		New qualification		TLI33313	Certificate III in Furniture Removal
		New qualification		TLI33413	Certificate III in Waste Driving Operations

Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
TLI31510	Certificate III in Stevedoring	Revised qualification Total number of units required to achieve qualification increased by 3 units from 9 units to 12 units 4 core units now required 3 new units developed and added to Group E and Group F specialist elective units and general elective units 4 units added to specialist elective groups	N	TLI33513	Certificate III in Stevedoring
TLI42111	Certificate IV in Driving Operations	Revised qualification 5 units added to licensing list 1 unit removed from general elective units 1 unit added to general elective units	E	TLI42111	Certificate IV in Driving Operations
TLI40410	Certificate IV in Transport and Logistics (Rail Operations)	New qualification Generic qualification has been	N	TLI42613	Certificate IV in Train Driving

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Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
		replaced by a specific qualification that reflects current work requirements			
		New qualification		TLI42713	Certificate IV in Tram/Light Rail Control
		New qualification		TLI50613	Diploma of Rail Operations Management
		New qualification		TLI50713	Diploma of Bus and Coach Operations
		New qualification		TLI50813	Diploma of Customs Broking
		New unit		TLIA3055A	Coordinate terminal/wharf equipment operations
		New unit		TLIB4078A	Carry out a train roll-by inspection
		New unit		TLIB4079A	Conduct a general train examination
		New unit		TLIB4080A	Identify, diagnose and rectify minor faults on motive power units and rolling stock
		New unit		TLIB4081A	Provision a motive power unit
		New unit		TLIB4082A	Set up motive power units in multi-coupled consist

Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
		New unit		TLIC3083A	Operate a front lift mobile compaction/collectio n vehicle
		New unit		TLIC3084A	Operate a lift on/lift off collection vehicle
		New unit		TLIC3085A	Operate a liquid waste collection vehicle
		New unit		TLIC3086A	Operate a multi-lift collection vehicle
		New unit		TLIC3087A	Operate a rear loading mobile compaction/collectio n vehicle
		New unit		TLIC3088A	Operate a roll on/roll off collection vehicle
		New unit		TLIC3089A	Operate a side loading mobile compaction/collectio n vehicle
		New unit		TLIC4071A	Establish and operate train braking system
		New unit		TLIC4072A	Operate and monitor a motive power unit on a main line
		New unit		TLIC4073A	Set up, operate and shut down a distributed power system
		New unit		TLIC4074A	Shunt, couple and uncouple rail vehicles

Transport & Logistics Industry Skills Council

Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
		New unit		TLID3047A	Shift loads using ship mounted crane
		New unit		TLID3048A	Pack and unpack furniture and effects
		New unit		TLID3049A	Pack and wrap furniture and effects for international removals
		New unit		TLID3050A	Coordinate furniture removal
		New unit		TLID3051A	Segregate waste according to waste types
		New unit		TLIE2032A	Assess removal
		New unit		TLIE4033A	Use communications systems to control tram/light rail operations
		New unit		TLIF3014A	Operate as an off-sider in the waste management industry
		New unit		TLIF3015A	Work safely as a non-electrical licensed worker near electrical assets
		New unit		TLIF4109A	Communicate effectively to coordinate incident response procedures
		New unit		TLIF4110A	Respond to abnormal situations and emergencies when driving a train

Transport & Logistics Industry Skills Council

Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
		New unit		TLIF4111A	Work effectively in a train-driving environment
		New unit		TLIF5021A	Apply rail safeworking rules and procedures
		New unit		TLIF5022A	Develop and manage fitness for work policy and procedures
		New unit		TLIF5023A	Undertake a derailment investigation
		New unit		TLIF5024A	Develop plans for emergency response and recovery of rail networks
		New unit		TLIG3003A	Apply positive behaviours in the workplace
		New unit		TLII2020A	Provide assistance to customers with specific needs
TLII3021A	Provide customer service in rail operations	New unit Reference to customers with special needs removed from TLII3021A; new unit developed, TLII2020A Provide assistance to customers with specific needs	N	TLII3022A	Provide customer service in rail operations
		New unit		TLIL4083A	Assist with train

Transport & Logistics Industry Skills Council

Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
					operations
		New unit		TLIL4084A	Control daily tram/light rail operations
		New unit		TLIL4085A	Coordinate tram/light rail traffic movement
		New unit		TLIL5065A	Roster train crews
		New unit		TLIL5066A	Apply rail resource management principles
		New unit		TLIL5067A	Develop a passenger transport plan
		New unit		TLIL5068A	Implement a passenger transport plan
		New unit		TLIL5069A	Manage a rail yard or terminal
		New unit		TLIL5070A	Manage rail freight operations
		New unit		TLIL5071A	Manage rail passenger operations
		New unit		TLIL5072A	Manage rail yard operations
		New unit		TLIL5073A	Manage train crewing and rostering
		New unit		TLIP2038A	Conduct, balance and secure financial transactions
		New unit		TLIP2039A	Ensure the confidentiality, privacy and security

Transport & Logistics Industry Skills Council

Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
					of customer information
		New unit		TLIP5037A	Develop workplace policy and procedures
		New unit		TLIU3015A	Identify wastes and hazards in the waste management industry
		New unit		TLIU4011A	Apply environmental procedures to rail operations
		New unit		TLIW5001A	Apply rail communications systems
		New unit		TLIW5002A	Manage rail assets and interfaces
		New unit		TLIW5003A	Manage rail network control systems
		New unit		TLIW5004A	Manage train planning
TLIA4057A	Analyse, advise on and carry out integrated border clearance transactions	Revised unit Unit revised to reflect current work requirements	E	TLIX4036A	Analyse, advise on and carry out integrated border clearance transactions
		New unit		TLIX5046A	Carry out standard customs clearance practices
		New unit		TLIX5047A	Determine customs value
		New unit		TLIX5048A	Determine import and/or export prohibitions and/or

Transport & Logistics Industry Skills Council

Code	Title (Version 3.0)	Comment	E/N	Code	Title (Version 4.0)
					restrictions
		New unit		TLIX5049A	Determine indirect taxes
		New unit		TLIX5050A	Determine origin of goods and apply preference schemes or free trade agreements
		New unit		TLIX5051A	Determine tariff classification of goods
		New unit		TLIX5052A	Determine complex customs value
		New unit		TLIX5053A	Determine tariff classification for complex goods
		New unit		TLIX5054A	Comply with biosecurity border clearance
		New unit		TLIX5055A	Apply anti-dumping and countervailing measures
		New unit		TLIX5056A	Carry out additional customs clearance practices
		New unit		TLIX55057A	Prepare documents for customs clearance
		New unit		TLIX5058A	Review decisions of regulatory bodies
		New unit		TLIX55059A	Undertake border clearance functions

Qualifications not carried forward

Code	Title
TLI10410	Certificate I in Transport and Logistics (Rail Operations)
TLI20410	Certificate II in Transport and Logistics (Rail Operations)
TLI30410	Certificate III in Transport and Logistics (Rail Operations)
TLI40410	Certificate IV in Transport and Logistics (Rail Operations)

Units not carried forward

Code	Title
TLIA4057A	Analyse, advise on and carry out integrated border clearance transactions
TLIE2017A	Undertake initial removal survey
TLIF4021A	Respond to train-driving emergencies and abnormal situations
TLII3021A	Provide customer service in rail operations

ISC upgrades
The following changes have been included as ISC upgrades:

Twenty (20) new skill sets:

Code	Title
TLISS00072	Compiler/Classifier Skill Set
TLISS00073	Furniture Removal Pre-Packer Skill Set
TLISS00074	Furniture Removal Team Leader Skill Set
TLISS00075	International Furniture Removal Packer and Wrapper Skill Set
TLISS00076	Introduction to the Waste Industry Skill Set
TLISS00077	Rail Operations Safeworking Skill Set
TLISS00078	Rail Signal Panel Operation Skill Set

Transport & Logistics Industry Skills Council

TLISS00079	Stevedoring Clerical Skill Set
TLISS00080	Stevedoring Crane Operations Skill Set
TLISS00081	Stevedoring Equipment Controller Skill Set
TLISS00082	Stevedoring Equipment Operations/Light Load Shifting Skill Set
TLISS00083	Stevedoring Gantry Crane Operations Skill Set
TLISS00084	Stevedoring Operation Induction and Safety Skill Set
TLISS00085	Stevedoring Reefer Skill Set
TLISS00086	Stevedoring Ship Mounted Crane Operations Skill Set
TLISS00087	Stevedoring Team Leader Skill Set
TLISS00088	Tow Truck Driver Skill Set
TLISS00089	Train Buffet Operations Skill Set
TLISS00090	Waste Industry Off-Sider Skill Set
TLISS00091	Stevedoring Equipment Operations/Specialised Load Shifting Skill Set

Four (4) revised skills sets:

Code	Title	Comment
TLISS00037	Open Road Operator Skill Set	E
TLISS00064	Rail Maintainer Skill Set	E
TLISS00047	Road Tunnel Operator Skill Set	E
TLISS00070	Mentoring Skill Set	E

Nine (9) revised units of competency:

Code (Version 3.0)	Title (Version 3.0)	Code (Version 4.0)	Title (Version 4.0)	Comment
TLIB3019A	Test train braking system	TLIB3019B	Test train braking system	E
TLIB3113A	Diagnose and rectify minor faults	TLIB3113B	Diagnose and rectify minor faults on motive	E

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Code (Version 3.0)	Title (Version 3.0)	Code (Version 4.0)	Title (Version 4.0)	Comment
	on motive power units and rolling stock		power units and rolling stock	
TLID2003A	Handle dangerous goods/hazardous substances	TLID2003A	Handle dangerous goods/hazardous substances	E
TLIF3003A	Implement and monitor occupational health and safety procedures	TLIF3003A	Implement and monitor occupational health and safety procedures	E
TLIF4095A	Apply occupational health and safety requirements for driving operations	TLIF4095A	Apply occupational health and safety requirements for driving operations	E
TLIL1001A	Complete workplace orientation/inducti on procedures	TLIL1001A	Complete workplace orientation/induction procedures	E
TLILIC2005A	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)	TLILIC2005A	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)	E
TLIO2021A	Follow security procedures when working with goods and cargo	TLIO2021A	Follow security procedures when working with goods and cargo	E
TLIR5005A	Manage a contract	TLIR5005A	Manage a contract	E

Overview of Training Packages

What is a Training Package?

Transport & Logistics Industry Skills Council

A Training Package is an integrated set of nationally endorsed competency standards, assessment guidelines and Australian Qualifications Framework (AQF) qualifications for a specific industry, industry sector or enterprise.

Each Training Package:

- provides a consistent and reliable set of components for training, recognising and assessing peoples skills, and may also have optional support materials
- enables nationally recognised qualifications to be awarded through direct assessment of workplace competencies
- encourages the development and delivery of flexible training which suits individual and industry requirements
- encourages learning and assessment in a work-related environment which leads to verifiable workplace outcomes.

How do Training Packages fit within the National Skills Framework?

The National Skills Framework applies nationally, is endorsed by the Ministerial Council for Vocational and Technical Education, and comprises the Australian Quality Training Framework 2013, AQTF (Version 2013), and Training Packages endorsed by the National Skills Standards Council (NSSC).

How are Training Packages developed?

Training Packages are developed by Industry Skills Councils or enterprises to meet the identified training needs of specific industries or industry sectors. To gain national endorsement of Training Packages, developers must provide evidence of extensive research, consultation and support within the industry area or enterprise.

How do Training Packages encourage flexibility?

Training Packages describe the skills and knowledge needed to perform effectively in the workplace without prescribing how people should be trained.

Training Packages acknowledge that people can achieve vocational competency in many ways by emphasising what the learner can do, not how or where they learned to do it. For example, some experienced workers might be able to demonstrate competency against the units of competency, and even gain a qualification, without completing a formal training program.

With Training Packages, assessment and training may be conducted at the workplace, off-the-job, at a training organisation, during regular work, or through work experience, work placement, work simulation or any combination of these.

**Who can deliver and assess using Training Packages?**

Training and assessment using Training Packages must be conducted by a Registered Training Organisation (RTO) that has the qualifications or specific units of competency on its scope of registration, or that works in partnership with another RTO, as specified in the AQTF (Version 2013).

Training Package Components

Training Packages are made up of mandatory components endorsed by the NQC, and optional support materials.

Training Package endorsed components

The nationally endorsed components include the Competency Standards, Assessment Guidelines and Qualifications Framework. These form the basis of training and assessment in the Training Package and, as such, they must be used.
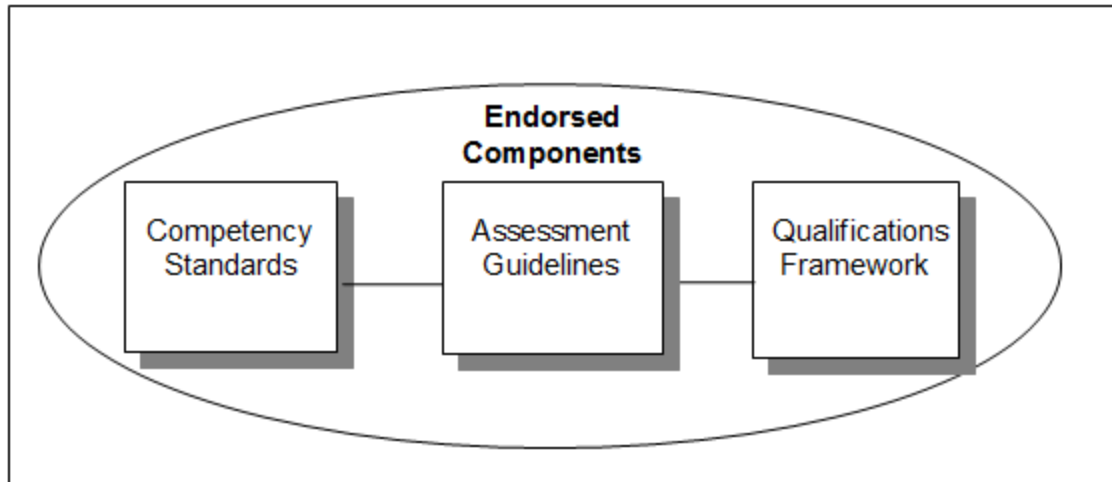
Competency standards

Each unit of competency identifies a discrete workplace requirement and includes the knowledge and skills that underpin competency as well as language, literacy and numeracy; and occupational health and safety requirements. The units of competency must be adhered to in training and assessment to ensure consistency of outcomes.

Assessment guidelines

The Assessment Guidelines provide an industry framework to ensure all assessments meet industry needs and nationally agreed standards as expressed in the Training Package and the AQTF (Version 2013). The Assessment Guidelines must be followed to ensure the integrity of assessment leading to nationally recognised qualifications.

Qualifications framework

Each Training Package provides details of those units of competency that must be achieved to award AQF qualifications. The rules around which units of competency can be combined to make up a valid AQF qualification in the Training Package are referred to as the 'packaging rules'. The packaging rules must be followed to ensure the integrity of nationally recognised qualifications issued.

Training Package Support Materials

The endorsed components of Training Packages are complemented and supported by optional support materials that provide for choice in the design of training and assessment to meet the needs of industry and learners.

Training Package support materials can relate to single or multiple units of competency, an industry sector, a qualification or the whole Training Package. They tend to fall into one or more of the categories illustrated below.
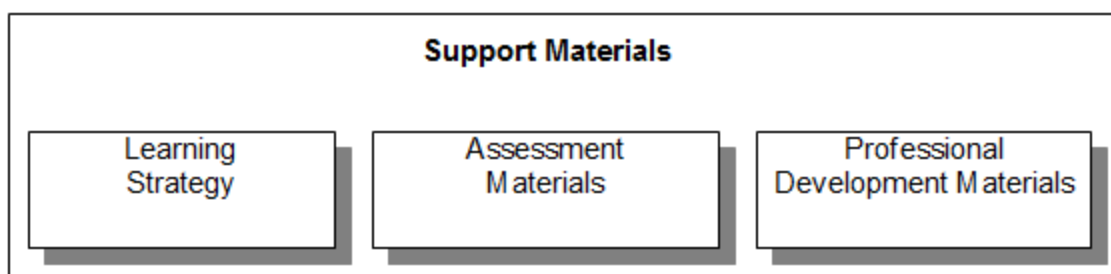
Training Package support materials are produced by a range of stakeholders such as RTOs, individual trainers and assessors, private and commercial developers and Government agencies.

Training Package, Qualification and Unit of Competency Codes

There are agreed conventions for the national codes used for Training Packages and their components. Always use the correct codes, exactly as they appear in the Training Package, **and with the code always before the title**.

Training Package codes

Each Training Package has a unique five-character national code assigned when the Training Package is endorsed, for example XYZ08. The first three characters are letters identifying the Training Package industry coverage and the last two characters are numbers identifying the year of endorsement.

Qualification codes

Within each Training Package, each qualification has a unique eight-character code, for example XYZ10108. Qualification codes are developed as follows:

- the first three letters identify the Training Package;
- the first number identifies the qualification level (noting that, in the qualification titles themselves, arabic numbers are **not** used);
- the next two numbers identify the position in the sequence of the qualification at that level; and
- the last two numbers identify the year in which the qualification was endorsed. (Where qualifications are added after the initial Training Package endorsement, the last two numbers may differ from other Training Package qualifications as they identify the year in which those particular qualifications were endorsed.)

Unit of Competency codes

Within each Training Package, each unit of competency has a unique code. Unit of competency codes are assigned when the Training Package is endorsed, or when new units of competency are added to an existing endorsed Training Package. Unit codes are developed as follows:

- a typical code is made up of 12 characters, normally a mixture of uppercase letters and numbers, as in TLIR4012A
- the first three characters signify the Training Package (TLI10 Transport and Logistics Training Package) – in the above example and up to eight characters, relating to an industry sector, function or skill area, follow
- the last character is always a letter and identifies the unit of competency version. An 'A' at the end of the code indicates that this is the original unit of competency. 'B', or another incremented version identifier means that minor changes have been made. Typically this would mean that wording has changed in the range statement or evidence guide, providing clearer intent
- where changes are made that alter the outcome, a new code is assigned and the title is changed.

Training Package, Qualification and Unit of Competency Titles

There are agreed conventions for titling Training Packages and their components. Always use the correct titles, exactly as they appear in the Training Package, and with the code always placed before the title.

Training Package titles

The title of each endorsed Training Package is unique and relates the Training Packages broad industry coverage.

Qualification titles

The title of each endorsed Training Package qualification is unique. Qualification titles use the following sequence:

- first, the qualification is identified as either Certificate I, Certificate II, Certificate III, Certificate IV, Diploma, Advanced Diploma, Vocational Graduate Certificate, or Vocational Graduate Diploma;
- this is followed by the words 'in' for Certificates I to IV, and 'of' for Diploma, Advanced Diploma, Vocational Graduate Certificate and Vocational Graduate Diploma;
- then, the industry descriptor, for example Telecommunications; and
- then, if applicable, the occupational or functional stream in brackets, for example (Computer Systems).

For example:

- TLI21610 Certificate II in Warehousing Operations
- TLI32410 Certificate III in Logistics Operations.

Unit of Competency titles

Each unit of competency title is unique. Unit of competency titles describe the competency outcome concisely, and are written in sentence case.
For example:

- TLIA1001A Secure cargo
- TLIB3006A Carry out inspection of vehicles designed to carry special loads.

Below is an explanation of the unit of competency identifier and the relevance of the numbers.

Field of competency

Sequence number of the unit

TLIA2011A Package Goods

This identifies the Training Package

AQF level where unit first appears (even though the unit may be included in qualifications at varying levels)

Version Identifier

Transport & Logistics Industry Skills Council
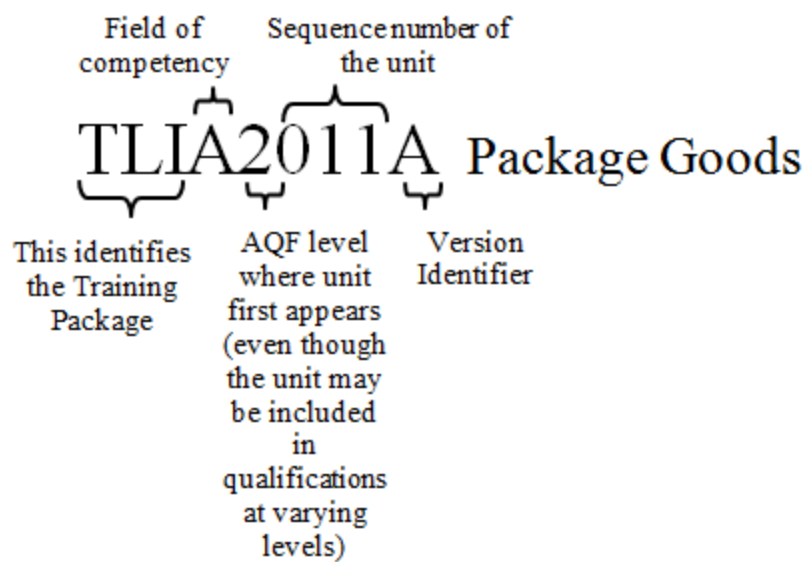
Historical Information

TLI10 Transport and Logistics Training Package (Version 1.1)

TLI10 Transport and Logistics Training Package (Version 1.1) is the outcome of an extensive review and redevelopment process.

Profile of the Australian Transport and Logistics Industry

A snapshot

Transport and Logistics is often referred to as the 'backbone' of the Australian economy. It directly affects every part of the economy and everyone's standard of living – from what we buy, to the price we pay for goods, to how we get from place to place. The transport and logistics network comprises ports, roads, railways, freight terminals, airports, and distribution and materials handling centers. Because of its integration within the economy and the embedded nature of its functions, the relative 'health' of the Transport and Logistics Industry is often considered a barometer for the overall strength of the economy. The industry is characterised by diversity of mode, size, freight type, ownership, location, employees' skills and infrastructure requirements. Transport and logistics involves almost every type of occupation, from crews of vehicles, trains, vessels and aircraft to staff involved in engineering, infrastructure, tourism, hospitality, security, retailing, warehousing, administration and IT.

Industry overview

As global markets continue to recover, Australia's future success depends on achieving higher levels of productivity growth in all areas of the economy. The Transport and Logistics Industry is a significant contributor to the nation's prosperity through the efforts of its 1.2 million-strong workforce and through the vital role it plays in underpinning the competitiveness of all other industries.

The Australia to 2050 report highlights the impact of infrastructure investment on lifting economic growth. This was underscored by announcements of increased Commonwealth Government investment, totaling $36 billion, in roads, railways and ports. The success of these projects will depend on access to highly skilled people across a broad range of transport and logistics capabilities in the construction and operational phases. Infrastructure has emerged as a key national priority, with renewed focus on long-term planning and the identification of inefficiencies and bottlenecks. Regulatory reform has been aimed at ensuring the coordination of all levels of government to build an efficient, safe, sustainable, accessible and competitive transport system. Initiatives include the creation of single national regulators for heavy vehicles, rail safety and maritime safety.

Australia's freight task in 2020 will be double that of 2006. By 2050, it will be tripled. Capacity constraints and congestion are already evident, which means that delivering transport and logistics services will become increasingly difficult for the 165,000+ enterprises in the industry. The flow-on effect of this to other industries is significant; an efficient Transport and Logistics Industry allows other industries to maintain competitiveness through efficient supply chain and transport systems.

The industry continues to examine its impact on the environment, including ways that this can be reduced through the adoption of more sustainable practices. Conservative estimates put employment growth in transport and logistics at an average 1.3 per cent a year until 2013–14. The all-industries rate for the same period is one per cent. These figures were calculated before the infrastructure projects were announced, making it likely that employment demands in transport and logistics will be higher than the projection. The skills base and labor pool in Australia's Transport and Logistics Industry will need to increase in size and capability if it is to respond to the challenges arising from the productivity agenda and population growth.

Logistics Management, Road Transport and Warehousing

Improvement to Australia's economic productivity will depend on a well integrated transport system that ensures safe and efficient mobility of people and goods. The economic, social and environmental consequences of congested and capacity-constrained supply chains are well documented. The expected productivity growth of the Commonwealth Government's $36 billion investment in roads, railways and ports will only be realised if the transport and logistics workforce is able to respond to the skill demands of this investment.

Occupations in Skill Demand

- Truck Driver (General Freight, Delivery, Multi-Combination, Dangerous Goods Tanker)
- Transport/Logistics Manager
- Bus Driver
- Forklift Operator
- Warehouse Administrator
- Supply and Distribution Manager
- Driving Instructor

Rail

The Australian Rail sector employs more than 40,000 people directly and another 60,000 indirectly. An efficient, effective and safe rail system is required to meet Australia's short and long-term transport needs. Rail competes nationally and internationally to attract, develop and retain essential staff to ensure continuing services and meet increasing demand. The Australian Government has announced the establishment of a single national rail safety regulator to address the disjointed, state-based arrangements currently in place. The introduction of a single national system could lead to productivity and capacity gains of up to 30 per cent.

Occupations in Skill Demand

- Train Driver/Locomotive Driver (particularly heavy haulage)
- Railway Track Worker
- Signalling Technician/Operator
- Rail Engineer
- Rail Plant Driver/Operator

Ports

Ports form important logistical hubs whose value-adding processes drive economic growth. To be internationally competitive, Australia's ports need to be efficient. This requires a highly skilled and flexible workforce to cope with existing demand and to attract and sustain future business growth. At present there are 120,000 Maritime Security Identification Card (MSIC) holders operating in Australian ports, which includes mariners, truck drivers, oil and gas rig employees and stevedores. Gaining the full benefits that ports can provide is a constant challenge because of skilled labor shortages and capacity constraints in some ports.

Occupations in Skill Demand

- Harbour Master
- Stevedore (in particular Forklift Operator, Gantry Crane Operator)
- Marine Pilot
- Safety and Environment Manager
- Launch Coxswain
- Port Engineer
- Hydrographer

Impacts on Training Package Development

Increased customer requirements, outsourcing, industry reform, competitive pressures, safety requirements, new technologies, environmental considerations, and regulatory and licensing requirements have all been addressed in the development of TLI10 Version 2. Relevant units have been modified in accordance with these influences to reflect the current business environment and to equip learners with the skills and knowledge to handle challenges arising from their effects. In particular, the influence of regulatory and licensing requirements and reforms to the Transport and Logistics Industry are covered in greater detail below.

Applicable regulatory requirements

The Transport and Logistics Industry is tightly regulated by a range of international, national and state/territory conventions, codes and legislation. These regulations, licence arrangements and codes of practice pertain to many different aspects of operations including safety, health, hygiene, security, anti-discrimination, equal employment opportunity, quarantine, and customs and immigration. Examples of regulations relevant to various standards in the Training Package include but are not limited to:

- relevant state/territory roads and traffic authority driving regulations and licence/permit requirements including mass and loading regulations and state/territory oversize/mass pilot/escort permit requirements
- fatigue management regulations and codes of practice
- relevant state/territory road rules

Australian, international and state/territory regulations and codes of practice for the handling, storage and transport of dangerous goods and hazardous substances, including:

- Australian and International Dangerous Goods Codes
- Australian Marine Orders and the International Maritime Dangerous Goods Code
- IATA Dangerous Goods by Air regulations
- Australian and International Explosives Codes

- relevant state/territory authority regulations
- quarantine regulations administered by the Australian Quarantine and Inspection Service (AQIS)
- customs regulations (export/import/bond requirements)
- state/territory rail industry safeworking codes and regulations
- relevant state/territory rail safety Act
- relevant state/territory OH&S legislation
- relevant state/territory environmental protection legislation
- relevant state/territory water use regulations.

Persons employed in the Transport and Logistics Industry need to fulfil competency and training requirements as detailed in the regulations relevant to their occupation. Persons assessed as complying with these requirements are usually provided with some form of certification by the respective authorities. These are certificates required by the relevant state/territory or Australian legislation or international code or convention before a person can be allowed to work in the occupation covered under the legislation. These certificates should not be confused with national educational qualifications that are issued by Registered Training Organisations.

While in the Transport and Logistics Industry there is a close relationship between the regulatory certificates and the National VET qualifications, they are issued by different organisations under different legislative authority.

Reforms and regulatory requirements

It should be noted that regulatory requirements are usually subject to ongoing review and improvement. There are also many national initiatives to improve consistency and cooperative arrangements across state/territory regulatory requirements. Given the dynamic nature of these reforms and improvements, it is important that Registered Training Organisations access and interpret current regulatory requirements from the relevant regulatory authorities and adjust their training and assessment resources and processes to suitably incorporate and accommodate any pertinent changes to regulatory requirements.

Training Package Review Methodology

The broad processes for the review of the Transport and Logistics Training Package are indicated in Figure 1. They included:

Desktop research drawing from a range of information sources
Including:

- the existing version of the Transport and Logistics Training Package (i.e. TLI10 Transport and Logistics Training Package Version 2)
- transport and logistics regulations, certification requirements and codes of practice
- trends and developments in the organisation of the Transport and Logistics Industry
- international trends and developments in Transport and Logistics training
- guidelines for Training Package development
- continuous improvement register
- related developments in higher education and schools
- related Training Packages (e.g. tourism, hospitality, business management, engineering)
- existing approved courses for transport and logistics occupations.

Industry and VET consultation processes

Including:

- consultative forums of key stakeholders at key stages of the project
- individual consultative meetings as required
- maintenance of an issues register to track inputs and suggested changes received from stakeholders
- meetings with the equity adviser appointed to the review to ensure that all equity requirements had be fulfilled
- meetings with representatives of the various transport and logistics regulatory authorities to ensure that all proposed changes were consistent with regulatory requirements
- development of schedules of agreed changes to guide the consultants and the project steering committee
- reference groups of industry advisers established by the review steering committee to assist the consultants in reviewing, drafting and editing of competency units and qualifications
- posting of draft new and revised units of competency on the TLISC website for review and comment by stakeholders.

Validation and editing of final products
Including:

- validation meetings to confirm that agreed changes had been made and to identify any further adjustments necessary
- desktop analysis to confirm the Employability Skills are appropriately incorporated into the Transport and Logistics Training Package
- checks to ensure that the revised Training Package meets the requirements laid out in the Training Package Development Handbook
- final editing and proofreading of the units of competency that comprise the revised Transport and Logistics Training Package.

Figure 1: TLI10 Transport and Logistics Training Package Review and Redevelopment Process

Training and Logistics Training Package review and redevelopment process

Transport & Logistics Industry Skills Council
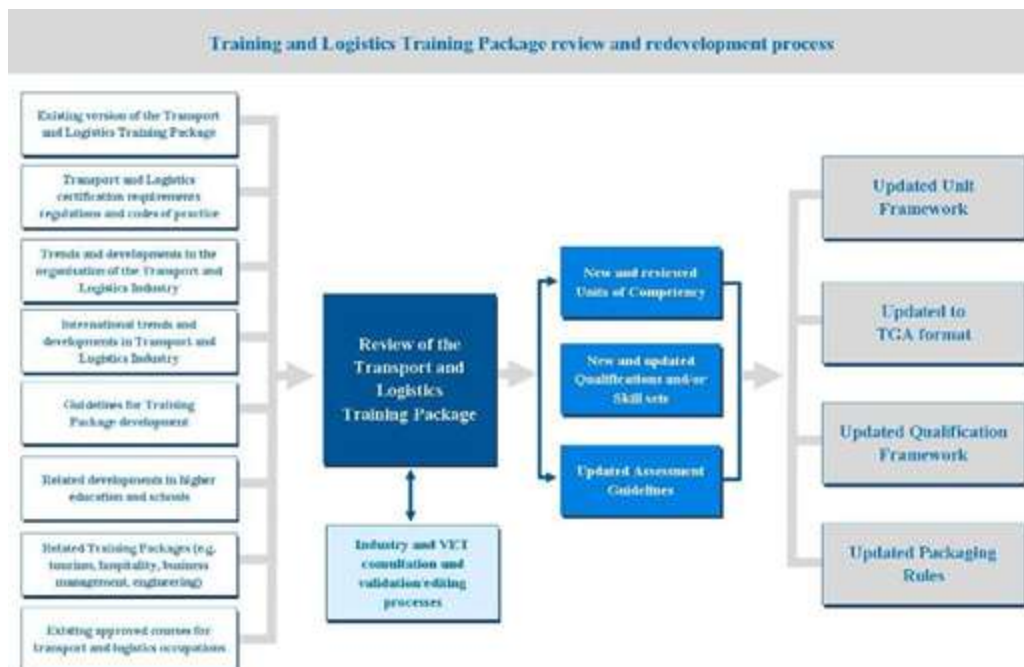
TLI10 Transport and Logistics Training Package (Version 4)

TLI10 Transport and Logistics Training Package (Version 4) is the outcome of TLISC continuous improvement process.

Objectives/Background

The projects for the TLI10 Transport and Logistics Training Package Version 4 are separated into the relevant sectors. The key objectives for the work on this version of TLI10 are to the:

Logistics Sector:

Furniture Removal

During the development of the new Certificate III in Furniture Removal, it was identified that there would also be a requirement to review the existing Certificate II in Furniture Removal. This further review led to the redevelopment of a small number of existing units, the development of new units, and realignment of some units, to better reflect current job roles and functions. To further support career pathways in the furniture removal industry, three new Skill Sets have been developed. These units, Skill Sets and qualifications were developed in consultation with industry stakeholders, ensuring they meet industry's requirements.

Bus & Coach Operations

The development of the new Diploma identified the requirement to create new units for operational managers within the Bus & Coach industry. There are a number of applicable roles across the industry with a common focus on the management of the movement of passengers. As well as developing three new units, a number of specific units from other Training Packages have been included. The qualification and units were developed in consultation with relevant stakeholders to ensure appropriate alignment to existing job roles and the needs of industry.

Customs Broking

Customs Broking is a licenced occupation, which although it has previously been aligned to eleven units of competency within the TLI10 Training Package, it hadn't been structured as a qualification outcome. To align the new qualification to the Customs Broking job role, fifteen new units were developed, recognising contemporary work practices, systems and regulatory requirements. The qualification was developed in consultation with industry stakeholders, including Australian Customs and the Dept of Agriculture Fisheries and Forestry. There is further support for career pathways through the added development of a Skill Set for Classifier/Compilers.

Road Transport:

Waste Driving Operations

During a review of qualification support for Waste industry driver's it was identified that there were a range of specific requirements due to vehicle equipment types, safety factors and waste handling & identification. This led to the development of eleven units for the new Waste Driving Operations qualification. The qualification also includes all classes of heavy vehicle licencing and driving units. Developed in consultation with industry stakeholders, the new units and qualification plus two new Skill Sets, support clearer career pathways within the Road Transport Industry.

Ports:
Stevedoring
Following a review of the Certificate II in Stevedoring in 2012, a clear need was identified to review the Certificate III in Stevedoring. The intent of the review was to increase the coverage of the qualification across the range of Stevedoring job roles at this level. This work saw the development of two new units and the addition of four new job groups to the already existing two, providing a total of six. An additional nine new Skill Sets were also developed to support career movement across organisations and the sector. This increased breadth and depth responds to the needs of industry, following extensive consultation with stakeholders.

Assessment Guidelines

Introduction

These Assessment Guidelines provide the endorsed framework for assessment of units of competency in this Training Package. They are designed to ensure that assessment is consistent with the *Australian Quality Training Framework (AQTF) Essential Standards for Initial and Continuing Registration*. Assessments against the units of competency in this Training Package must be carried out in accordance with these Assessment Guidelines.

Assessment System Overview

This section provides an overview of the requirements for assessment when using this Training Package, including a summary of the AQTF requirements; licensing and registration requirements; and assessment pathways.

Quality assessment underpins the credibility of the vocational education and training sector. The Assessment Guidelines of a Training Package are an important tool in supporting quality assessment.

Assessment within the National Skills Framework is the process of collecting evidence and making judgements about whether competency has been achieved to confirm whether an individual can perform to the standards expected in the workplace, as expressed in the relevant endorsed unit of competency.

Assessment must be carried out in accordance with the:

- benchmarks for assessment
- specific industry requirements
- principles of assessment
- rules of evidence
- assessment requirements set out in the AQTF.

Benchmarks for Assessment

The endorsed units of competency in this Training Package are the benchmarks for assessment. As such, they provide the basis for nationally recognised Australian Qualifications Framework (AQF) qualifications and Statements of Attainment issued by Registered Training Organisations (RTOs).

Industry Requirements

Where necessary, Industry requirements additional to the Training Package Assessment Guidelines can be inserted here.

This may include advice on:

- the context in which assessment is conducted,
- industry workplace conditions and expectations,
- realistic simulated work environments that are acceptable to industry; and
- in general terms, of suitable/current resources and equipment.

Principles of Assessment

All assessments carried out by RTOs are required to demonstrate compliance with the principles of assessment:

- validity
- reliability
- flexibility
- fairness
- sufficiency.

These principles must be addressed in the:

- design, establishment and management of the assessment system for this Training Package
- development of assessment tools, and
- the conduct of assessment.

Validity

Assessment is valid when the process is sound and assesses what it claims to assess. Validity requires that:

a) assessment against the units of competency must cover the broad range of skills and knowledge that are essential to competent performance
b) assessment of knowledge and skills must be integrated with their practical application
c) judgement of competence must be based on sufficient evidence (that is, evidence gathered on a number of occasions and in a range of contexts using different assessment methods). The specific evidence requirements of each unit of competency provide advice on sufficiency.

Reliability

Reliability refers to the degree to which evidence presented for assessment is consistently interpreted and results in consistent assessment outcomes. Reliability requires the assessor to have the required competencies in assessment and relevant vocational competencies (or to assess in conjunction with someone who has the vocational competencies). It can only be achieved when assessors share a common interpretation of the assessment requirements of the unit(s) being assessed.

Flexibility

To be flexible, assessment should reflect the candidate's needs; provide for recognition of competencies no matter how, where or when they have been acquired; draw on a range of methods appropriate to the context, competency and the candidate; and support continuous competency development.

Fairness

Fairness in assessment requires consideration of the individual candidate's needs and characteristics, and any reasonable adjustments that need to be applied to take account of them. It requires clear communication between the assessor and the candidate to ensure that the candidate is fully informed about, understands and is able to participate in, the assessment process, and agrees that the process is appropriate. It also includes an opportunity for the person being assessed to challenge the result of the assessment and to be reassessed if necessary.

Sufficiency

Sufficiency relates to the quality and quantity of evidence assessed. It requires collection of enough *appropriate* evidence to ensure that all aspects of competency have been satisfied and that competency can be demonstrated repeatedly. Supplementary sources of evidence may be necessary. The specific evidence requirements of each unit of competency provide advice on sufficiency. Sufficiency is also one of the rules of evidence.

Rules of Evidence

The rules of evidence guide the collection of evidence that address the principles of validity and reliability, guiding the collection of evidence to ensure that it is valid, sufficient, current and authentic.

Valid

Valid evidence must relate directly to the requirements of the unit of competency. In ensuring evidence is valid, assessors must ensure that the evidence collected supports demonstration of the outcomes and performance requirements of the unit of competency together with the knowledge and skills necessary for competent performance. Valid evidence must encapsulate the breadth and depth of the unit of competency, which will necessitate using a number of different assessment methods.

Sufficient

Sufficiency relates to the quality and quantity of evidence assessed. It requires collection of enough appropriate evidence to ensure that all aspects of competency have been satisfied and that competency can be demonstrated repeatedly. Supplementary sources of evidence may be necessary. The specific evidence requirements of each unit of competency provide advice on sufficiency.

Current

In assessment, currency relates to the age of the evidence presented by a candidate to demonstrate that they are still competent. Competency requires demonstration of current performance, so the evidence collected must be from either the present or the very recent past.

Authentic

To accept evidence as authentic, an assessor must be assured that the evidence presented for assessment is the candidate's own work.

Assessment Requirements of the Australian Quality Training Framework

Assessment leading to nationally recognised AQF qualifications and Statements of Attainment in the vocational education and training sector must meet the requirements of the AQTF as expressed in the AQTF 2010 *Essential Standards for Registration.*

The AQTF 2010 *Essential Standards for Initial and Continuing Registration* can be downloaded from <www.training.com.au>.

The following points summarise the assessment requirements.

Registration of Training Organisations

Assessment must be conducted by, or on behalf of, an RTO formally registered by a State or Territory Registering Body in accordance with the AQTF. The RTO must have the specific units of competency and/or AQF qualifications on its scope of registration.

Quality training and assessment

Each RTO must provide quality training and assessment across all its operations. See the AQTF 2010 *Essential Standards for Initial and Continuing Registration*, Standard 1.

Assessor competency requirements

Each person involved in training and assessment must be competent for the functions they perform. See the AQTF 2010 *Essential Standards for Initial and Continuing Registration*, Standard 1 for assessor (and trainer) competency requirements. See also the AQTF 2010 *Users' Guide to the Essential Standards for Registration* – Appendix 2.

Assessment requirements

The RTOs assessments, including RPL, must meet the requirements of the relevant endorsed Training Package. See the AQTF 2010 *Essential Standards for Initial and Continuing Registration.*

Assessment strategies

Each RTO must have strategies for training and assessment that meet the requirements of the relevant Training Package or accredited course and are developed in consultation with industry stakeholders. See the AQTF 2010 *Essential Standards for Initial and Continuing Registration.*

National recognition

Each RTO must recognise the AQF qualifications and Statements of Attainment issued by any other RTO. See the AQTF 2010 *Essential Standards for Initial and Continuing Registration.*

Access and equity and client outcomes

Each RTO must adhere to the principles of access and equity and maximise outcomes for its clients. See the AQTF 2010 *Essential Standards for Initial and Continuing Registration.*

Monitoring assessments

Training and/or assessment provided on behalf of the RTO must be monitored to ensure that it is in accordance with all aspects of the AQTF 2010 *Essential Standards for Initial and Continuing Registration.*

Recording assessment outcomes

Each RTO must manage records to ensure their accuracy and integrity. See the AQTF 2010 *Essential Standards for Initial and Continuing Registration.*

Issuing AQF qualifications and Statement of Attainment

Each RTO must issue AQF qualifications and Statements of Attainment that meet the requirements of the current *AQF Implementation Handbook* and the endorsed Training Packages within the scope of its registration. An AQF qualification is issued once the full requirements for a qualification, as specified in the nationally endorsed Training Package are met. A Statement of Attainment is issued when an individual has completed one or more units of competency from nationally recognised qualification(s)/courses(s). See the AQTF and the edition of the *AQF Implementation Handbook*—available on the AQF Council website <www.aqf.edu.au>.

Licensing/Registration Requirements

This section provides information on licensing/registration requirements for this Training Package, with the following important disclaimer.

Licensing and registration requirements that apply to specific industries, and vocational education and training, vary between each state and territory, and can regularly change. The developers of this Training Package, and DEST, consider that the licensing/registration requirements described in this section apply to RTOs, assessors or candidates with respect to this Training Package. While reasonable care has been taken in its preparation, the developers of this Training Package and DEST cannot guarantee that the list is definitive or accurate at the time of reading; the information in this section is provided in good faith on that basis.

Contact the relevant state or territory department(s) to check if the licensing/registration requirements described below still apply, and to check if there are any others with which you must comply. For further information contact:
Transport and Logistics Industry Skills Council
Level 4, 411 Collins Street
Melbourne VIC
Phone: 03 9604 7200
Email: tlisc@tlisc.org.au
Web: www.tlisc.org.au

Requirements for assessors

In order to conduct assessment for statutory licensing or other industry registration requirements, assessors must meet the requirements outlined in the following chart, in addition to the AQF requirements.

Licensing

Licensing authorities

Licensing authorities across Australia have actively participated in the development of this Training Package and it is envisaged that over time the state and territory licensing requirements in a number of occupations will be aligned with the units of competency and qualifications in this Training Package. There is no one 'national' licence for the sector or any of its functions. Certification responsibilities and systems are administered by state legislation and may differ between states and territories.

The developers of this Training Package, together with DIISRTE, consider that the licensing/registration requirements described in this section apply to RTOs, assessors or candidates with respect to this Training Package. While reasonable care has been taken in its preparation, the developers of this Training Package and DIISRTE cannot guarantee that the list is definitive or accurate at the time of reading; the information in this section is provided in good faith on that basis.

In order to conduct assessments for statutory licensing or other industry registration conditions, assessors may need to meet additional requirements. While RTOs may have information on the licensing requirements for their particular state or territory, these requirements may change over time and differ between state and territory jurisdictions. Users of this Training Package are therefore advised to consult the relevant licensing authority in their state or territory to determine the specific licensing requirements.

The regulatory authorities for the Dangerous Goods and High Risk Licensing, Customs Broking, Taxi and Heavy Vehicle Licensing at the time of publication of this Training Package are:

Dangerous Goods and High Risk Licensing

Jurisdiction	Regulatory Body	Contact
Australian Capital Territory	WorkSafe ACT	Telephone: (02) 6207 3000 Website: www.worksafe.act.gov.au
New South Wales	WorkCover NSW	Telephone: 13 10 50 Website: www.workcover.nsw.gov.au
Northern Territory	NT WorkSafe	Telephone: 1800 019 115 Website: www.worksafe.nt.gov.au
South Australia	SafeWork SA	Telephone: 1300 365 255

Licensing

		Website: www.safework.sa.gov.au
Tasmania	Workplace Standards Tasmania	Telephone: (03) 6233 7657 Website: http:workplacestandards.tas.gov.au
Victoria	WorkSafe Victoria	Telephone: 1800 136 089 Website: www.worksafe.vic.gov.au
West Australia	Department of Commerce	Telephone: 1300 307 877 Website: www.commerce.wa.gov.au
Queensland Dangerous Goods	Department of Transport and Main Roads	Telephone: 13 23 80 Website: www.tmr.qld.gov.au
Queensland High Risk	Workplace Health and Safety Queensland	Telephone: 1300 369 915 Website: www.deir.qld.gov.au/workplace/index.htm

Customs Broking

Jurisdiction	Regulatory Body	Contact
National	Australian Customs and Border Protection Service	Telephone: 1300 363 263 Website: www.customs.gov.au/

Taxi

Jurisdiction	Regulatory Body	Contact
Australian Capital Territory	ACT Department of Territory and Municipal Services	Telephone: 13 22 81 Website: www.tams.act.gov.au
New South Wales	Transport for NSW	Telephone: 13 15 00 Website: www.transport.nsw.gov.au.
Queensland	Department of Transport and Main Roads	Telephone: 13 23 80 Website: www.tmr.qld.gov.au

Licensing

South Australia	SA Department of Planning, Transport and Infrastructure	Telephone: (08) 8343 2222 Website: www.dpti.sa.gov.au
Tasmania	Department of Infrastructure, Energy & Resources	Telephone: 1300 135 513 Website: www.transport.tas.gov.au
Victorian	Department of Transport	Telephone: (03) 9655 6666 Website: www.transport.vic.gov.au
West Australia	WA Department of Transport	Telephone: 13 11 56 Website: www.transport.wa.gov.au

Heavy Vehicle

Jurisdiction	Regulatory Body	Contact
Victoria	Vic Roads	Telephone: 13 11 71 Website: www.vicroads.vic.gov.au
Australian Capital Territory	ACT Road Transport Authority	Telephone: 13 22 81 Website: www.rego.act.gov.au
New South Wales	Transport Roads and Maritime Services	Telephone: 13 22 13 Website: www.rta.nsw.gov.au
Northern Territory	Department of Transport	Telephone: 1300 654 628 Website: www.transport.nt.gov.au
Queensland	Department of Transport and Main Roads	Telephone: 13 23 80 Website: www.tmr.qld.gov.au
South Australia	Department of Planning, Transport and Infrastructure	Telephone: (08) 8343 2222 Website: www.dpti.sa.gov.au
Tasmania	Department of Infrastructure, Energy & Resources	Telephone: 1300 135 513 Website: www.transport.tas.gov.au

Transport & Logistics Industry Skills Council

Pathways

The competencies in this Training Package may be attained in a number of ways including through:

- formal or informal education and training
- experiences in the workplace
- general life experience, and/or
- any combination of the above.

Assessment under this Training Package leading to an AQF qualification or Statement of Attainment may follow a learning and assessment pathway, or a recognition pathway, or a combination of the two as illustrated in the following diagram.

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┌──────────────┐        ┌─────────────────────────────────┐        ┌──────────────────┐
│              │   ⇨    │ Learning and Assessment Pathways │   ⇨    │  Statement of    │
│              │        └─────────────────────────────────┘        │  Attainment and/or│
│  Units of    │                    ⇕                              │  qualification under│
│  Competency  │                  and/or                           │  the Australian  │
│              │                    ⇕                              │  Qualifications  │
│              │   ⇨    ┌─────────────────────────────────┐   ⇨    │  Framework       │
│              │        │       Credit Pathways           │        │                  │
│              │        │   (RPL and Credit Transfer)     │        │                  │
└──────────────┘        └─────────────────────────────────┘        └──────────────────┘
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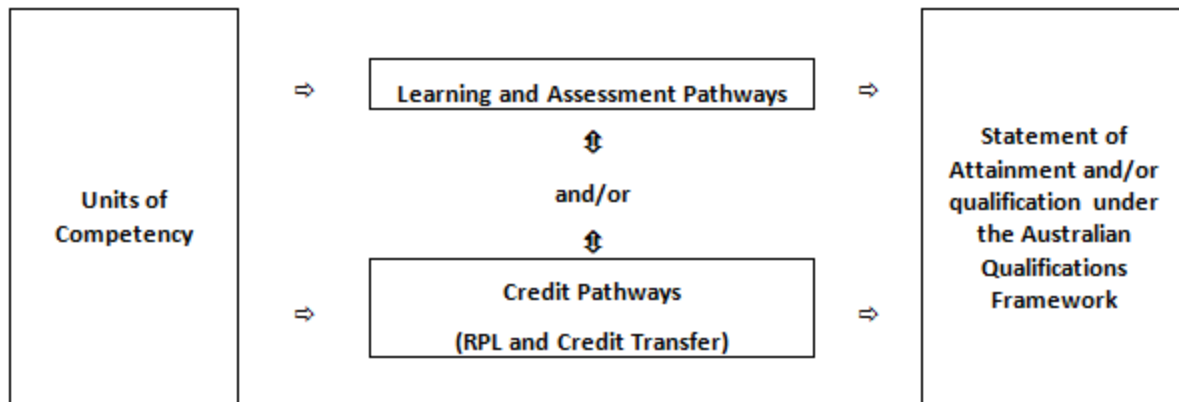
Each of these assessment pathways leads to full recognition of competencies held – the critical issue is that the candidate is competent, not how the competency was acquired. Assessment, by any pathway, must comply with the assessment requirements set out in the Assessment Guidelines of the Training Package , the AQTF and, where relevant, the Australian Qualifications Framework.

Learning and assessment pathways

Usually, learning and assessment are integrated, with evidence being collected and feedback provided to the candidate at anytime throughout the learning and assessment process. Learning and assessment pathways may include structured programs in a variety of contexts using a range of strategies to meet different learner needs. Structured learning and assessment programs could be: group-based, work-based, project-based, self-paced, action learning-based; conducted by distance or e-learning; and/or involve practice and experience in the workplace.

Learning and assessment pathways to suit Australian Apprenticeships have a mix of formal structured training and structured workplace experience with formative assessment activities through which candidates can acquire and demonstrate skills and knowledge from the relevant units of competency.

Credit pathways

Credit is the value assigned for the recognition of equivalence in content between different types of learning and/or qualifications which reduces the volume of learning required to achieve a qualification.

Credit arrangements must be offered by all RTOs that offer Training Package qualifications. Each RTO must have a systematic institutional approach with clear, accessible and transparent policies and procedures.

Competencies already held by individuals can be formally assessed against the units of competency in this Training Package, and should be recognised regardless of how, when or where they were acquired, provided that the learning is relevant to the unit of competency outcomes.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) is an assessment process which determines the credit outcomes of an individual application for credit.

The availability of Recognition of Prior Learning (RPL) provides all potential learners with access to credit opportunities.

The recognition of prior learning pathway is appropriate for candidates who have previously attained skills and knowledge and who, when enrolling in qualifications, seek to shorten the duration of their training and either continue or commence working. This may include the following groups of people:

- existing workers
- individuals with overseas qualifications
- recent migrants with established work histories

- people returning to the workplace
- people with disabilities or injuries requiring a change in career.

As with all assessment, RPL assessment should be undertaken by academic or teaching staff with expertise in the subject, content of skills area, as well as knowledge of and expertise in RPL assessment policies and procedures.

Assessment methods used for RPL should provide a range of ways for individuals to demonstrate that they have met the required outcomes and can be granted credit. These might include:

- questioning (oral or written)
- consideration of a portfolio and review of contents
- consideration of third party reports and/or other documentation such as documentation such as articles, reports, project material, papers, testimonials or other products prepared by the RPL applicant that relate to the learning outcomes of the relevant qualification component
- mapping of learning outcomes from prior formal or non-formal learning to the relevant qualification components
- observation of performance
- participation in structured assessment activities the individual would normally be required to undertake if they were enrolled in the qualification component/s.

In a Recognition of Prior Learning (RPL) pathway, the candidate provides current, quality evidence of their competency against the relevant unit of competency. This process may be directed by the candidate and verified by the assessor. Where the outcomes of this process indicate that the candidate is competent, structured training is not required. The RPL requirements of the AQTF must be met.

As with all assessment, the assessor must be confident that the evidence indicates that the candidate is currently competent against the endorsed unit of competency. This evidence may take a variety of forms and might include certification, references from past employers, testimonials from clients, work samples and/or observation of the candidate. The onus is on candidates to provide sufficient evidence to satisfy assessors that they currently hold the relevant competencies. In judging evidence, the assessor must ensure that the evidence of prior learning is:

- authentic (the candidate's own work);
- valid (directly related to the current version of the relevant endorsed unit of competency);
- reliable (shows that the candidate consistently meets the endorsed unit of competency);
- current (reflects the candidate's current capacity to perform the aspect of the work covered by the endorsed unit of competency); and
- sufficient (covers the full range of elements in the relevant unit of competency and addresses the four dimensions of competency, namely task skills, task management skills, contingency management skills, and job/role environment skills).

Credit transfer

Credit transfer is a process which provides learners with agreed and consistent credit outcomes based on equivalences in content between matched qualifications.
This process involves education institutions:

- mapping, comparing and evaluating the extent to which the defined *learning outcomes and assessment requirements* of the individual *components of one qualification* are equivalent to the learning outcomes and assessment requirements of the individual components of another qualification
- making an educational judgment of the credit outcomes to be assigned between the matched components of the two qualifications
- setting out the agreed credit outcomes in a documented arrangement or agreement, and
- publicising the arrangement/agreement and credit available.

Combination of pathways

Credit may be awarded on the basis of a combination of credit transfer plus an individual RPL assessment for additional learning. Once credit has been awarded on the basis of RPL, subsequent credit transfer based on these learning outcomes should not include revisiting the RPL assessment but should be based on credit transfer or articulation or other arrangements between providers.

Where candidates for assessment have gained competencies through work and life experience and gaps in their competence are identified, or where they require training in new areas, a combination of pathways may be appropriate.

In such situations, the candidate may undertake an initial assessment to determine their current competency. Once current competency is identified, a structured learning and assessment program ensures that the candidate acquires the required additional competencies identified as gaps.

Assessor Requirements

This section identifies the specific requirements on the vocational competence and experience for assessors, to ensure that they meet the needs of industry and their obligations under AQTF, and clarifies how others may contribute to the assessment process where one person alone does not hold all the required competencies.

Assessor competencies

The AQTF 2010 specifies mandatory competency requirements for assessors. For information, Standard 1, Element 1.4 from the AQTF 2010 Essential Standards for Registration follows:

1.4   Training and assessment are conducted by trainers and assessors who:

   a.   have the necessary training and assessment competencies as determined by the National Quality Council or its successors, and

   b. have the relevant vocational competencies at least to the level being delivered or assessed, and

   c. can demonstrate current industry skills directly relevant to the training/assessment being undertaken, and

   d. continue to develop their Vocational Education and Training (VET) knowledge

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and skills as well as their industry currency and trainer/assessor competence.

* See AQTF 2010 *Users' Guide to the Essential Standards for Registration* – Appendix 2

Designing Assessment Tools

This section provides an overview on the use and development of assessment tools.

Use of assessment tools

Assessment tools provide a means of collecting the evidence that assessors use in making judgements about whether candidates have achieved competency.
There is no set format or process for the design, production or development of assessment tools. Assessors may use prepared assessment tools, such as those specifically developed to support this Training Package, or they may develop their own.

Using prepared assessment tools

If using prepared assessment tools, assessors should ensure these relate to the current version of the relevant unit of competency. The current unit of competency can be checked on the National Register <www.training.gov.au>.

Developing assessment tools

When developing their own assessment tools, assessors must ensure that the tools:

- are benchmarked against the relevant unit or units of competency;
- are reviewed as part of the validation of assessment strategies required under the AQTF; and
- meet the assessment requirements expressed in the AQTF 2010 *Essential Standards for Initial and Continuing Registration*.

A key reference for assessors developing assessment tools is TAE10 Training and Education Training Package.

Language, literacy and numeracy

The design of assessment tools must reflect the language, literacy and numeracy competencies required for the performance of a task in the workplace and not exceed these expectations.

Conducting Assessment

This section details the mandatory assessment requirements and provides information on equity in assessment including reasonable adjustment.

Mandatory assessment requirements

Transport & Logistics Industry Skills Council

Assessments must meet the criteria set out in the AQTF 2010 *Essential Standards for Initial and Continuing Registration*. For information, the mandatory assessment requirements from Standard 1 from the AQTF 2010 *Essential Standards for Initial and Continuing Registration* are as follows:

1.5   Assessment, including Recognition of Prior Learning (RPL):

a) meets the requirements of the relevant Training Package or accredited course

b) is conducted in accordance with the principles of assessment and the rules of evidence

c) meets workplace and, where relevant, regulatory requirements

d) is systematically validated.

Assessment of Employability Skills

Employability Skills are integral to workplace competency. As such, they must be considered in the design, customisation, delivery and assessment of vocational education and training programs in an integrated and holistic way, as represented diagrammatically below.
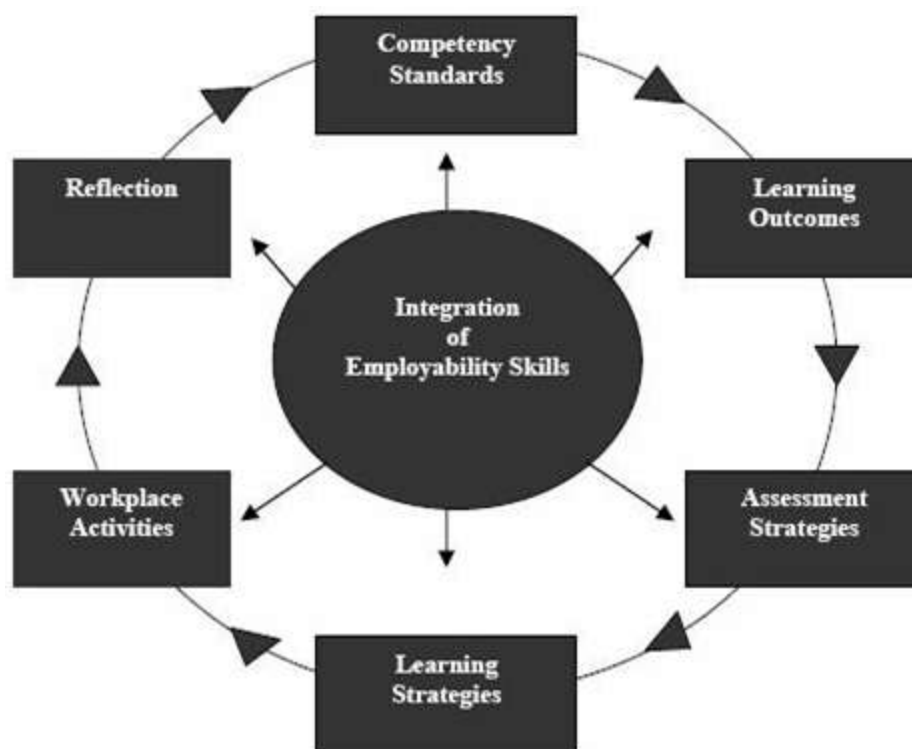
Employability Skills are embedded within each unit of competency, and an Employability Skills Summary is available for each qualification. Training providers must use Employability Skills information in order to design valid and reliable training and assessment strategies. This analysis could include:

- reviewing units of competency to locate relevant Employability Skills and determine how they are applied within the unit
- analysing the Employability Skills Summary for the qualification in which the unit or units are packaged to help clarify relevant industry and workplace contexts and the application of Employability Skills at that qualification outcome
- designing training and assessment to address Employability Skills requirements.

The National Quality Council has endorsed a model for assessing and reporting Employability Skills, which contains further suggestions about good practice strategies in teaching, assessing, learning and reporting Employability Skills. The model is available from <http://www.training.com.au/>.

The endorsed approach includes learners downloading qualification specific Employability Skills Summaries for Training Package qualifications from an online repository at <http://employabilityskills.training.com.au>

For more information on Employability Skills in Transport and Logistics Industry Skills Council Training Packages go to the Transport and Logistics Industry Skills Council website at <www.tlisc.org.au>.

Employability Skills are reported on each qualification using the following statement on the qualification testamur: "A summary of the Employability Skills developed through this qualification can be downloaded from <http://employabilityskills.training.com.au>.

Access and equity

An individual's access to the assessment process should not be adversely affected by restrictions placed on the location or context of assessment beyond the requirements specified in this Training Package: training and assessment must be bias-free.

Under the rules for their development, Training Packages must reflect and cater for the increasing diversity of Australia's VET clients and Australia's current and future workforce. The flexibilities offered by Training Packages should enhance opportunities and potential outcomes for all people so that we can all benefit from a wider national skills base and a shared contribution to Australia's economic development and social and cultural life.

Reasonable adjustments

It is important that education providers take meaningful, transparent and reasonable steps to consult, consider and implement reasonable adjustments for students with disability.

Under the Disability Standards for Education 2005, education providers must make reasonable adjustments for people with disability to the maximum extent that those adjustments do not cause that provider unjustifiable hardship. While 'reasonable adjustment' and 'unjustifiable hardship' are different concepts and involve different considerations, they both seek to strike a balance between the interests of education providers and the interests of students with and without disability.

An adjustment is any measure or action that a student requires because of their disability, and which has the effect of assisting the student to access and participate in education and training on the same basis as students without a disability. An adjustment is reasonable if it achieves this purpose while taking into account factors such as the nature of the student's disability, the views of the student, the potential effect of the adjustment on the student and others who might be affected, and the costs and benefits of making the adjustment.

An education provider is also entitled to maintain the academic integrity of a course or program and to consider the requirements or components that are inherent or essential to its nature when assessing whether an adjustment is reasonable. There may be more than one adjustment that is reasonable in a given set of circumstances; education providers are required to make adjustments that are reasonable and that do not cause them unjustifiable hardship. The Training Package Guidelines provides more information on reasonable adjustment, including examples of adjustments. Go to <www.innovation.gov.au/Skills/Documents/AssesGuidelines.pdf>.

Further Sources of Information

The section provides a listing of useful contacts and resources to assist assessors in planning, designing, conducting and reviewing of assessments against this Training Package.

Contacts

Transport and Logistics Industry Skills Council (TLISC)

Level 4, 411 Collins Street
Melbourne VIC 3000
Telephone (03) 9604 7200
Facsimile (03) 9606 0066
Email: tlisc@tlisc.org.au
Web: www.tlisc.org.au

For information on the TAE10 Training and Education Training Package contact:

Innovation and Business Skills Australia
Level 11, 176 Wellington Parade
East Melbourne VIC 3002
Telephone: (03) 9815 7000
Facsimile: (03) 9815 7001
Email: virtual@ibsa.org.au
Web: www.ibsa.org.au

General resources

AQF Implementation Handbook, Fourth Edition 2007. Australian Qualifications Framework Advisory Board, 2002 www.aqf.edu.au
Australian Quality Training Framework (AQTF) and AQTF 2010 Users' Guide to the Essential Standards for Registration –
http://www.nssc.natese.gov.au/vet_standards/standards_for_rtos

For general information and resources go to http://www.training.com.au/

The National Register is an electronic database providing comprehensive information about RTOs, Training Packages and accredited courses www.training.gov.au

Assessment resources

Registered training organisations (RTOs) are at the forefront of vocational education and training (VET) in Australia. They translate the needs of industry into relevant, quality, client-focussed training and assessment.

RTOs should strive for innovation in VET teaching and learning practices and develop highly flexible approaches to assessment which take cognisance of specific needs of learners, in order to improve delivery and outcomes of training.

Resources can be accessed free of charge from:

Transport and Logistics Industry Skills Council (TLISC)

Level 4, 411 Collins Street

Melbourne VIC 3000

Telephone (03) 9604 7200

Facsimile (03) 9606 0066

Email: tlisc@tlisc.org.au

Web: http://resources.tlisc.org.au/

Competency Standards

What is Competency?

The broad concept of industry competency concerns the ability to perform particular tasks and duties to the standard of performance expected in the workplace. Competency requires the application of specified skills, knowledge and attitudes relevant to effective participation in an industry, industry sector or enterprise.

Competency covers all aspects of workplace performance and involves performing individual tasks; managing a range of different tasks; responding to contingencies or breakdowns; and, dealing with the responsibilities of the workplace, including working with others. Workplace competency requires the ability to apply relevant skills, knowledge and attitudes consistently over time and in the required workplace situations and environments. In line with this concept of competency Training Packages focus on what is expected of a competent individual in the workplace as an outcome of learning, rather than focussing on the learning process itself.

Competency standards in Training Packages are determined by industry to meet identified industry skill needs. Competency standards are made up of a number of units of competency each of which describes a key function or role in a particular job function or occupation. Each unit of competency within a Training Package is linked to one or more AQF qualifications.

Contextualisation of Units of Competency by RTOs

Registered Training Organisations (RTOs) may contextualise units of competency in this endorsed Training Package to reflect required local outcomes. Contextualisation could involve additions or amendments to the unit of competency to suit particular delivery methods, learner profiles, specific enterprise equipment requirements, or to otherwise meet local needs. However, the integrity of the overall intended outcome of the unit of competency must be maintained.

Any contextualisation of units of competency in this Training Package must be within the bounds of the following advice:

- RTOs must not remove or add to the number and content of elements and performance criteria.
- RTOs can include specific industry terminology in the range statement.
- Any amendments and additions to the range statement made by RTOs must not diminish the breadth of application of the competency, or reduce its portability.
- RTOs may add detail to the evidence guide in areas such as the critical aspects of evidence or required resources and infrastructure – but only where these expand the breadth of the competency and do not limit its use.

Components of Units of Competency

The components of units of competency are summarised below, in the order in which they appear in each unit of competency.

Unit title

The unit title is a succinct statement of the outcome of the unit of competency. Each unit of competency title is unique, both within and across Training Packages.

Unit descriptor

The unit descriptor broadly communicates the content of the unit of competency and the skill area it addresses. Where units of competency have been contextualised from units of competency from other endorsed Training Packages, summary information is provided. There may also be a brief second paragraph that describes its relationship with other units of competency, and any licensing requirements.

Employability skills

This sub-section contains a statement that the unit contains Employability skills.

Pre-requisite units (optional)

If there are any units of competency that must be completed before the unit, these will be listed.

Application of the unit

This sub-section fleshes out the unit of competency's scope, purpose and operation in different contexts, for example, by showing how it applies in the workplace.

Competency field (Optional)

The competency field either reflects the way the units of competency are categorised in the Training Package or denotes the industry sector, specialisation or function. It is an optional component of the unit of competency.

Sector (optional)

The industry sector is a further categorisation of the competency field and identifies the next classification, for example an elective or supervision field.

Elements of competency

The elements of competency are the basic building blocks of the unit of competency. They describe in terms of outcomes the significant functions and tasks that make up the competency.

Performance criteria

The performance criteria specify the required performance in relevant tasks, roles, skills and in the applied knowledge that enables competent performance. They are usually written in passive voice. Critical terms or phrases may be written in bold italics and then defined in range statement, in the order of their appearance in the performance criteria.

Required skills and knowledge

The essential skills and knowledge are either identified separately or combined. *Knowledge* identifies what a person needs to know to perform the work in an informed and effective manner. *Skills* describe the application of knowledge to situations where understanding is converted into a workplace outcome.

Range statement

The range statement provides a context for the unit of competency, describing essential operating conditions that may be present with training and assessment, depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts. As applicable, the meanings of key terms used in the performance criteria will also be explained in the range statement.

Evidence guide

The evidence guide is critical in assessment as it provides information to the Registered Training Organisation (RTO) and assessor about how the described competency may be demonstrated. The evidence guide does this by providing a range of evidence for the assessor to make determinations, and by providing the assessment context. The evidence guide describes:

- conditions under which competency must be assessed including variables such as the assessment environment or necessary equipment;
- relationships with the assessment of any other units of competency;
- suitable methodologies for conducting assessment including the potential for workplace simulation;
- resource implications, for example access to particular equipment, infrastructure or situations;
- how consistency in performance can be assessed over time, various contexts and with a range of evidence; and
- the required underpinning knowledge and skills

Employability Skills in Units of Competency

The detail and application of Employability Skills facets will vary according to the job-role requirements of each industry. In developing Training Packages, industry stakeholders are consulted to identify appropriate facets of Employability Skills which are incorporated into the relevant units of competency and qualifications.

Employability Skills are not a discrete requirement contained in units of competency (as was the case with Key Competencies). Employability Skills are specifically expressed in the context of the work outcomes described in units of competency and will appear in elements, performance criteria, range statements and evidence guides. As a result, users of Training Packages are required to review the entire unit of competency in order to accurately determine Employability Skills requirements.

How Employability Skills relate to the Key Competencies

The eight nationally agreed Employability Skills now replace the seven Key Competencies in Training Packages. Trainers and assessors who have used Training Packages prior to the introduction of Employability Skills may find the following comparison useful.

Employability Skills	Mayer Key Competencies
Communication	Communicating ideas and information
Teamwork	Working with others and in teams
Problem solving	Solving problems Using mathematical ideas and techniques
Initiative and enterprise	
Planning and organising	Collecting, analysing and organising information Planning and organising activities
Self-management	
Learning	
Technology	Using technology

When analysing the above table it is important to consider the relationship and natural overlap of Employability Skills. For example, using technology may involve communication skills and combine the understanding of mathematical concepts.

Explicitly embedding Employability Skills in units of competency

This Training Package seeks to ensure that industry-endorsed Employability Skills are explicitly embedded in units of competency. The application of each skill and the level of detail included in each part of the unit will vary according to industry requirements and the nature of the unit of competency.

Employability Skills must be both explicit and embedded within units of competency. This means that Employability Skills will be:

- embedded in units of competency as part of the other performance requirements that make up the competency as a whole
- explicitly described within units of competency to enable Training Packages users to identify accurately the performance requirements of each unit with regards to Employability Skills.

This Training Package also seeks to ensure that Employability Skills are well-defined and written into units of competency so that they are apparent, clear and can be delivered and assessed as an essential component of unit work outcomes.

Sample unit of competency components showing Employability Skills

The following table shows the sequence of a unit of competency, and each cell contains text taken from a range of units. It provides examples of where and how various Employability Skills could be embedded in each component.

Please note that in the example, the bracketed Employability Skills are provided for clarification only and would not be present in units of competency within this Training Package.

Unit Title	Give formal presentations and take part in meetings **(Communication)**
Unit Descriptor	This unit covers the skills and knowledge required to promote the use and implementation of innovative work practices to effect change. **(Initiative and enterprise)**
Element	Proactively resolve issues. (**Problem solving**)
Performance Criteria	Information is organised in a format suitable for analysis and dissemination in accordance with organisational requirements. **(Planning and organising)**
Range Statement	Software applications may include email, internet, word processing, spreadsheet, database or accounting packages. (**Technology**)
Required Skills and Knowledge	Modify activities depending on differing workplace contexts, risk situations and environments. **(Learning)** Work collaboratively with others during a fire emergency. (**Teamwork**) Instructions, procedures and other information relevant the maintenance of vessel and port security. **(Communication)**
Evidence Guide	Evidence of having worked constructively with a wide range of community groups and stakeholders to solve problems and adapt or design new solutions to meet identified needs in crime prevention. In particular, evidence must be obtained on the ability to: - assess response options to identified crime-prevention needs

	and determine the optimal action to be implemented
	• in consultation with relevant others, design an initiative to address identified issues. **(Initiative and enterprise).**

Employability Skills Summaries and units of competency

An Employability Skills Summary exists for each qualification. Summaries include broad advice on industry expectations with regard to Employability Skills at the qualification level. Summaries should be used by trainers and assessors to assist in identifying the Employability Skills requirements contained within units of competency

Qualifications Framework

What is the Australian Qualifications Framework?

A brief overview of the Australian Qualifications Framework (AQF) follows. For a full explanation of the AQF, see the *Australian Qualifications Framework, Second Edition, January 2013*. <http://www.aqf.edu.au/resources/aqf/>.

The AQF provides a comprehensive, nationally consistent framework for all qualifications in post-compulsory education and training in Australia. In the vocational education and training (VET) sector it assists national consistency for all trainees, learners, employers and providers by enabling national recognition of qualifications and Statements of Attainment.

Training Package qualifications in the VET sector must comply with the titles and guidelines of the AQF. Endorsed Training Packages provide a unique title for each AQF qualification which must always be reproduced accurately.

Qualifications

Training Packages can incorporate the following eight AQF qualifications.
Certificate I in ...
Certificate II in ...
Certificate III in ...
Certificate IV in ...
Diploma of ...
Advanced Diploma of ...
Vocational Graduate Certificate of ...
Vocational Graduate Diploma of ...

On completion of the requirements defined in the Training Package, a Registered Training Organisation (RTO) may issue a nationally recognised AQF qualification. Issuance of AQF qualifications must comply with the advice provided in the *Australian Qualifications Framework, Second Edition, January 2013* and the *AQTF Essential Conditions and Standards for Initial Registration and Essential Conditions and Standards for Continuing Registration*.

Statement of Attainment

A Statement of Attainment is issued by a Registered Training Organisation when an individual has completed one or more units of competency from nationally recognised qualification(s)/courses(s). Issuance of Statements of Attainment must comply with the advice provided in the current *AQF Implementation Handbook and the AQTF Essential Conditions and Standards for Initial Registration and Essential Conditions and Standards for Continuing Registration*.

Under the AQTF (Version 2013), RTOs must recognise the achievement of competencies as recorded on a qualification or Statement of Attainment issued by other RTOs. Given this, recognised competencies can progressively build towards a full AQF qualification.

AQF Guidelines and Learning Outcomes

The *AQF Implementation Handbook* provides a comprehensive guideline for each AQF qualification. A summary of the learning outcome characteristics and their distinguishing features for each VET related AQF qualification is provided below.

Certificate I

Characteristics of Learning Outcomes

Breadth, depth and complexity of knowledge and skills would prepare a person to perform a defined range of activities most of which may be routine and predictable.

Applications may include a variety of employment related skills including preparatory access and participation skills, broad-based induction skills and/or specific workplace skills. They may also include participation in a team or work group.

Distinguishing Features of Learning Outcomes

Do the competencies enable an individual with this qualification to:

- demonstrate knowledge by recall in a narrow range of areas
- demonstrate basic practical skills, such as the use of relevant tools
- perform a sequence of routine tasks given clear direction
- receive and pass on messages/information.

Certificate II

Characteristics of Learning Outcomes

Breadth, depth and complexity of knowledge and skills would prepare a person to perform in a range of varied activities or knowledge application where there is a clearly defined range of contexts in which the choice of actions required is usually clear and there is limited complexity in the range of operations to be applied.

Performance of a prescribed range of functions involving known routines and procedures and some accountability for the quality of outcomes.

Applications may include some complex or non-routine activities involving individual responsibility or autonomy and/or collaboration with others as part of a group or team.

Distinguishing Features of Learning Outcomes

Do the competencies enable an individual with this qualification to:

- demonstrate basic operational knowledge in a moderate range of areas
- apply a defined range of skills
- apply known solutions to a limited range of predictable problems
- perform a range of tasks where choice between a limited range of options is required
- assess and record information from varied sources
- take limited responsibility for own outputs in work and learning.

Certificate III

Characteristics of Learning Outcomes

Breadth, depth and complexity of knowledge and competencies would cover selecting, adapting and transferring skills and knowledge to new environments and providing technical advice and some leadership in resolution of specified problems. This would be applied across a range of roles in a variety of contexts with some complexity in the extent and choice of options available.

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 section of equipment, services or contingency measures and within known time constraints.

Applications may involve some responsibility for others. Participation in teams including group or team co-ordination may be involved.

Distinguishing Features of Learning Outcomes

Do the competencies enable an individual with this qualification to:

- demonstrate some relevant theoretical knowledge
- apply a range of well-developed skills
- apply known solutions to a variety of predictable problems
- perform processes that require a range of well-developed skills where some discretion and judgement is required
- interpret available information, using discretion and judgement
- take responsibility for own outputs in work and learning
- take limited responsibility for the output of others.

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Certificate IV

Characteristics of Learning Outcomes

Breadth, depth and complexity of knowledge and competencies would cover a broad range of varied activities or application in a wider variety of contexts most of which are complex and non-routine. Leadership and guidance are involved when organising activities of self and others as well as contributing to technical solutions of a non-routine or contingency nature.

Performance of a broad range of skilled applications including the requirement to evaluate and analyse current practices, develop new criteria and procedures for performing current practices and provision of some leadership and guidance to others in the application and planning of the skills. Applications involve responsibility for, and limited organisation of, others.

Distinguishing Features of Learning Outcomes

Do the competencies enable an individual with this qualification to:

- demonstrate understanding of a broad knowledge base incorporating some theoretical concepts
- apply solutions to a defined range of unpredictable problems
- identify and apply skill and knowledge areas to a wide variety of contexts, with depth in some areas
- identify, analyse and evaluate information from a variety of sources
- take responsibility for own outputs in relation to specified quality standards
- take limited responsibility for the quantity and quality of the output of others.

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Diploma

Characteristics of Learning Outcomes

Breadth, depth and complexity covering planning and initiation of alternative approaches to skills or knowledge applications across a broad range of technical and/or management requirements, evaluation and co-ordination.

The self directed application of knowledge and skills, with substantial depth in some areas where judgment is required in planning and selecting appropriate equipment, services and techniques for self and others.

Applications involve participation in development of strategic initiatives as well as personal responsibility and autonomy in performing complex technical operations or organising others. It may include participation in teams including teams concerned with planning and evaluation functions. Group or team coordination may be involved.

The degree of emphasis on breadth as against depth of knowledge and skills may vary between qualifications granted at this level.

Distinguishing Features of Learning Outcomes

Do the competencies or learning outcomes enable an individual with this qualification to:

- demonstrate understanding of a broad knowledge base incorporating theoretical concepts, with substantial depth in some areas
- analyse and plan approaches to technical problems or management requirements
- transfer and apply theoretical concepts and/or technical or creative skills to a range of situations
- evaluate information, using it to forecast for planning or research purposes
- take responsibility for own outputs in relation to broad quantity and quality parameters
- take some responsibility for the achievement of group outcomes.

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Advanced Diploma

Characteristics of Learning Outcomes

Breadth, depth and complexity involving analysis, design, planning, execution and evaluation across a range of technical and/or management functions including development of new criteria or applications or knowledge or procedures.

The application of a significant range of fundamental principles and complex techniques across a wide and often unpredictable variety of contexts in relation to either varied or highly specific functions. Contribution to the development of a broad plan, budget or strategy is involved and accountability and responsibility for self and others in achieving the outcomes is involved.

Applications involve significant judgement in planning, design, technical or leadership/guidance functions related to products, services, operations or procedures.

The degree of emphasis on breadth as against depth of knowledge and skills may vary between qualifications granted at this level.

Distinguishing Features of Learning Outcomes

Do the competencies or learning outcomes enable an individual with this qualification to:

- demonstrate understanding of specialised knowledge with depth in some areas
- analyse, diagnose, design and execute judgements across a broad range of technical or management functions
- generate ideas through the analysis of information and concepts at an abstract level
- demonstrate a command of wide-ranging, highly specialised technical, creative or conceptual skills
- demonstrate accountability for personal outputs within broad parameters
- demonstrate accountability for personal and group outcomes within broad parameters.

Vocational Graduate Certificate

Characteristics of competencies or learning outcomes

- The self-directed development and achievement of broad and specialised areas of knowledge and skills, building on prior knowledge and skills.
- Substantial breadth and complexity involving the initiation, analysis, design, planning, execution and evaluation of technical and management functions in highly varied and highly specialised contexts.
- Applications involve making significant, high-level, independent judgements in major broad or planning, design, operational, technical and management functions in highly varied and specialised contexts. They may include responsibility and broad-ranging accountability for the structure, management and output of the work or functions of others.
- The degree of emphasis on breadth, as opposed to depth, of knowledge and skills may vary between qualifications granted at this level.

Distinguishing features of learning outcomes

- Demonstrate the self-directed development and achievement of broad and specialised areas of knowledge and skills, building on prior knowledge and skills.
- Initiate, analyse, design, plan, execute and evaluate major broad or technical and management functions in highly varied and highly specialised contexts.
- Generate and evaluate ideas through the analysis of information and concepts at an abstract level.
- Demonstrate a command of wide-ranging, highly specialised technical, creative or conceptual skills in complex contexts.
- Demonstrate responsibility and broad-ranging accountability for the structure, management and output of the work or functions of others.

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Vocational Graduate Diploma

Characteristics of competencies or learning outcomes

- The self-directed development and achievement of broad and specialised areas of knowledge and skills, building on prior knowledge and skills.
- Substantial breadth, depth and complexity involving the initiation, analysis, design, planning, execution and evaluation of major functions, both broad and highly specialised, in highly varied and highly specialised contexts.
- Further specialisation within a systematic and coherent body of knowledge.
- Applications involve making high-level, fully independent, complex judgements in broad planning, design, operational, technical and management functions in highly varied and highly specialised contexts. They may include full responsibility and accountability for all aspects of work and functions of others, including planning, budgeting and strategy development.
- The degree of emphasis on breadth, as opposed to depth, of knowledge and skills may vary between qualifications granted at this level.

Distinguishing features of learning outcomes

- Demonstrate the self-directed development and achievement of broad and highly specialised areas of knowledge and skills, building on prior knowledge and skills.
- Initiate, analyse, design, plan, execute and evaluate major functions, both broad and within highly varied and highly specialised contexts.
- Generate and evaluate complex ideas through the analysis of information and concepts at an abstract level.
- Demonstrate an expert command of wide-ranging, highly specialised, technical, creative or conceptual skills in complex and highly specialised or varied contexts.
- Demonstrate full responsibility and accountability for personal outputs.
- Demonstrate full responsibility and accountability for all aspects of the work or functions of others, including planning, budgeting and strategy.

TLI10 Version 4 Sector and Qualifications Pathways

There are many pathways into and through occupations within the Transport and Logistics Industry. These occupations are subject to a wide range of state, territory, national and international regulatory requirements, codes and licences.
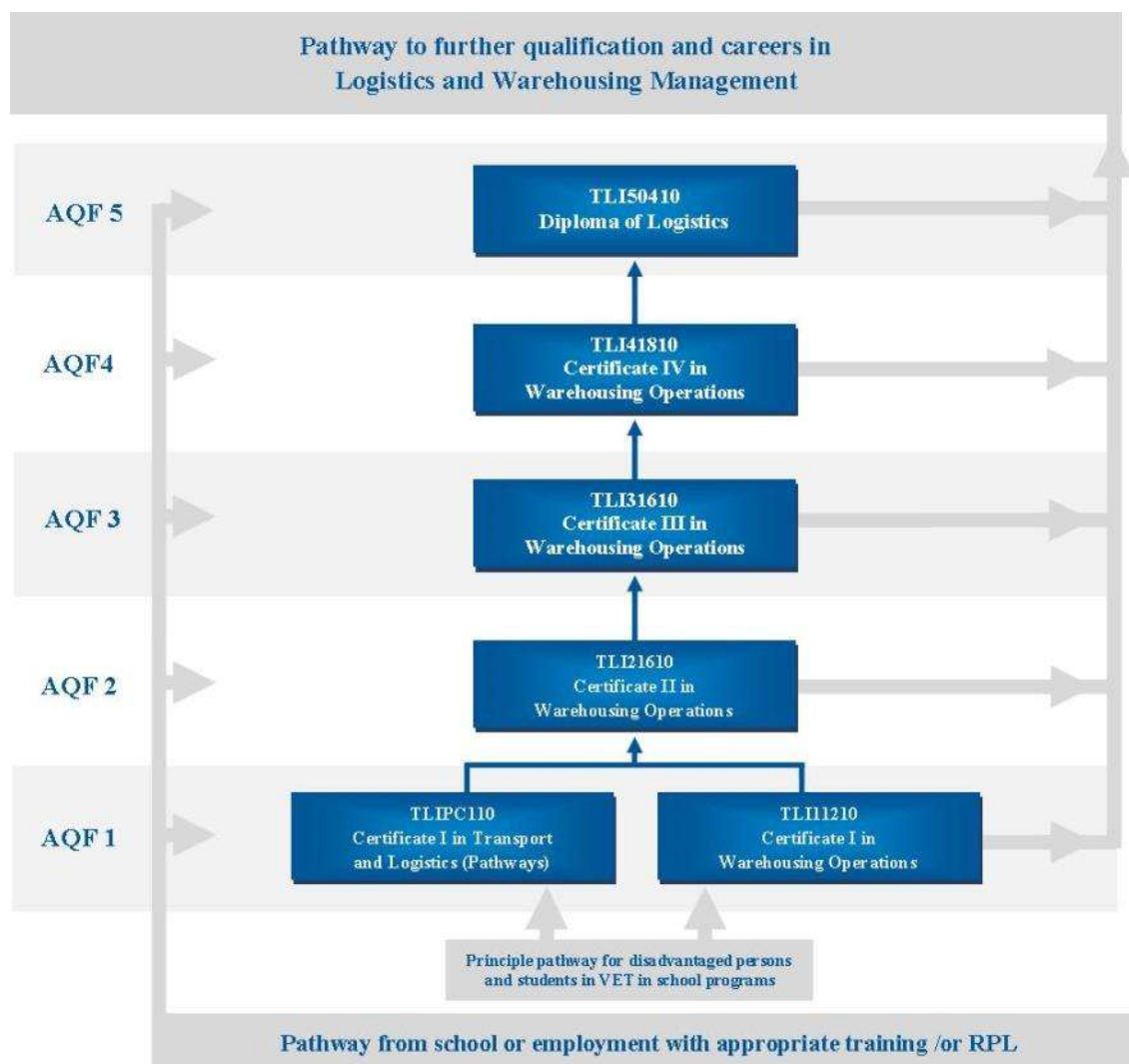
For many of the occupations it is necessary to hold a certificate of competency or at least to have completed specific certification requirements before you can be employed when required to operate particular types of equipment These certification requirements include educational requirements (e.g. the educational qualifications contained in this Training Package) but also involve a range of other requirements such as medical certificates, radio operator certificates, etc. For many occupations in the Transport and Logistics Industry, the achievement of an educational qualification is only a partial fulfilment of the regulatory requirements that must be demonstrated by a person seeking a certificate of competency from the relevant state or territory regulatory or safety authority.

The information described in Figures 2:10 are examples of Sector and Certificate Pathways. The information describes the pathway relationships between the 'education pathways' and is not intending to provide information on the diverse range of occupations and positions in the Transport and Logistics Industry.

Users of the Transport and Logistics Training Package are therefore encouraged to access the pertinent documents from the relevant authorities to understand the various regulated occupations in the Transport and Logistics Industry, the full certification requirements for each, and the availability of Australian Apprenticeships and VET in Schools.

Figure 2: Certificate I Pathways Model

AQF Level Pathways Outcomes

AQF 1   Contributions to requirements for employment in entry level positions in the transport and logistics sector

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Figure 3: Warehousing and Distribution Pathways

Pathway to further qualification and careers in Logistics and Warehousing Management

AQF 5	**TLI50410** Diploma of Logistics
AQF4	**TLI41810** Certificate IV in Warehousing Operations
AQF 3	**TLI31610** Certificate III in Warehousing Operations
AQF 2	**TLI21610** Certificate II in Warehousing Operations
AQF 1	**TLIPC110** Certificate I in Transport and Logistics (Pathways) / **TLI11210** Certificate I in Warehousing Operations

Principle pathway for disadvantaged persons and students in VET in school programs

Pathway from school or employment with appropriate training /or RPL
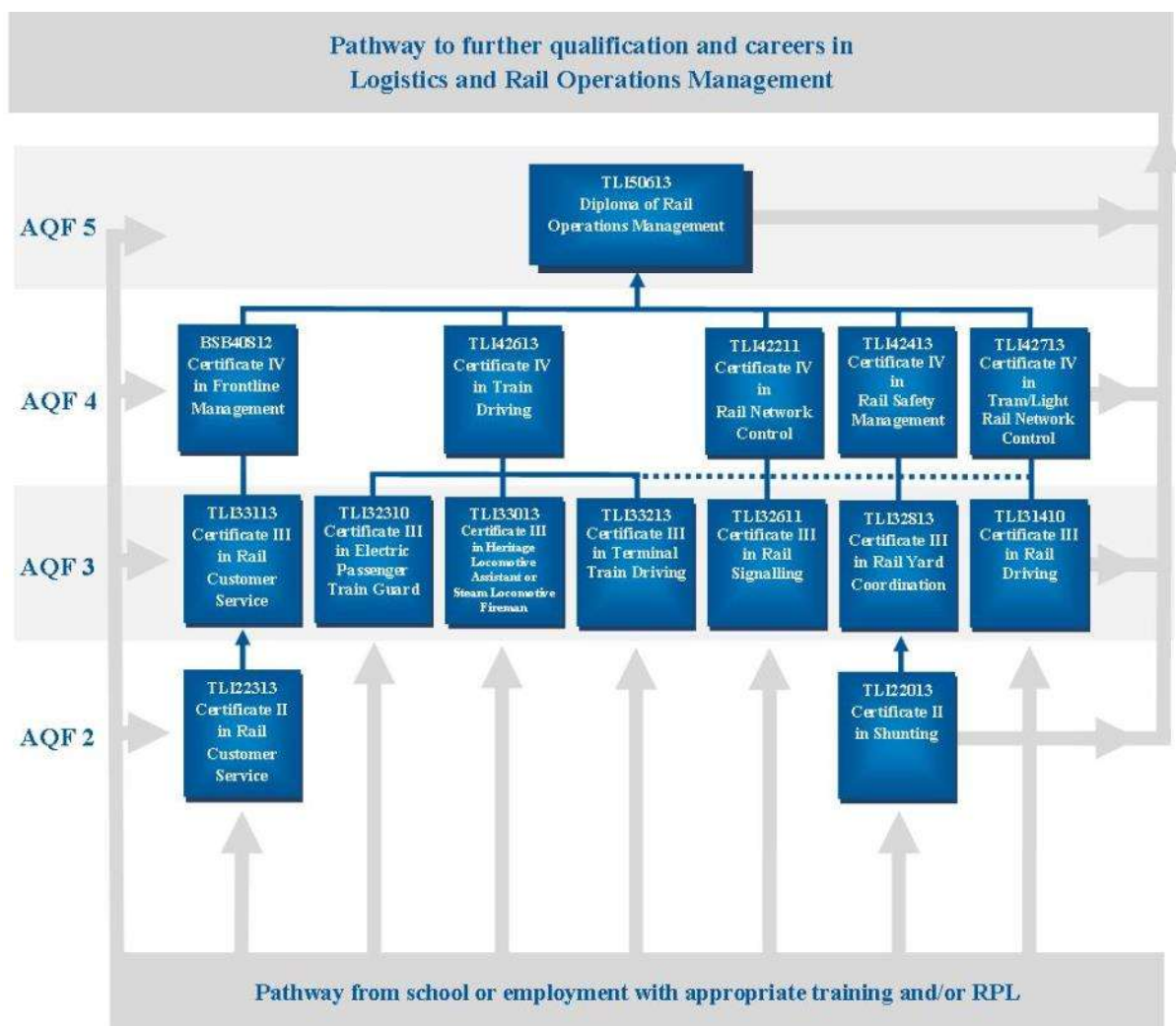
AQF Level Pathways Outcomes

AQF 5   Contributes to requirements for employment in logistics and warehousing management

AQF 4   Contributes to requirements for employment in supervisory positions in the logistics and warehousing sector

AQF 3   Contributes to requirements for employment in the advanced operations positions in the logistics and warehousing sector

AQF 2   Contributes to requirements for employment in operations positions in the logistics and warehousing sector

AQF 1   Contributions to requirements for employment in entry level positions in the logistics and warehousing sector
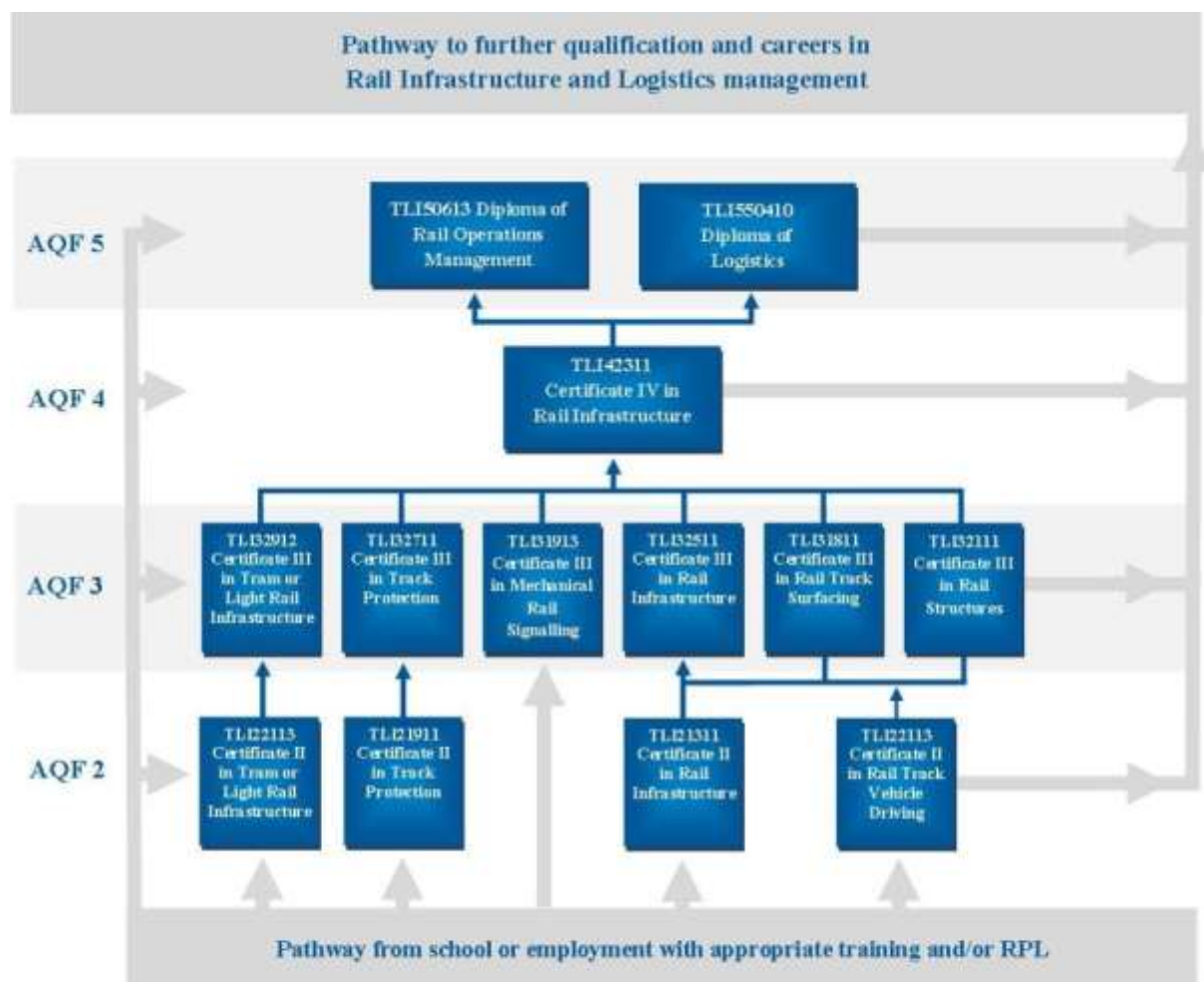
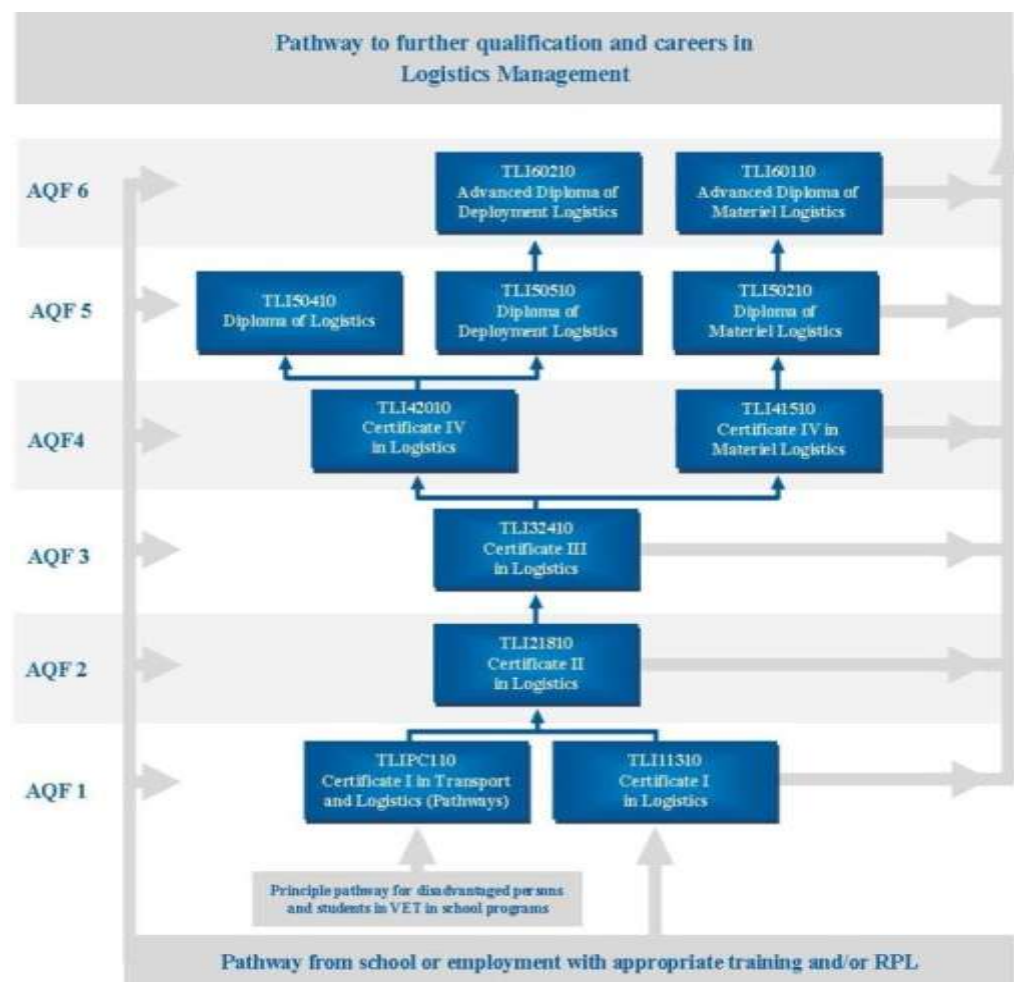### Figure 4: Stevedoring Pathways
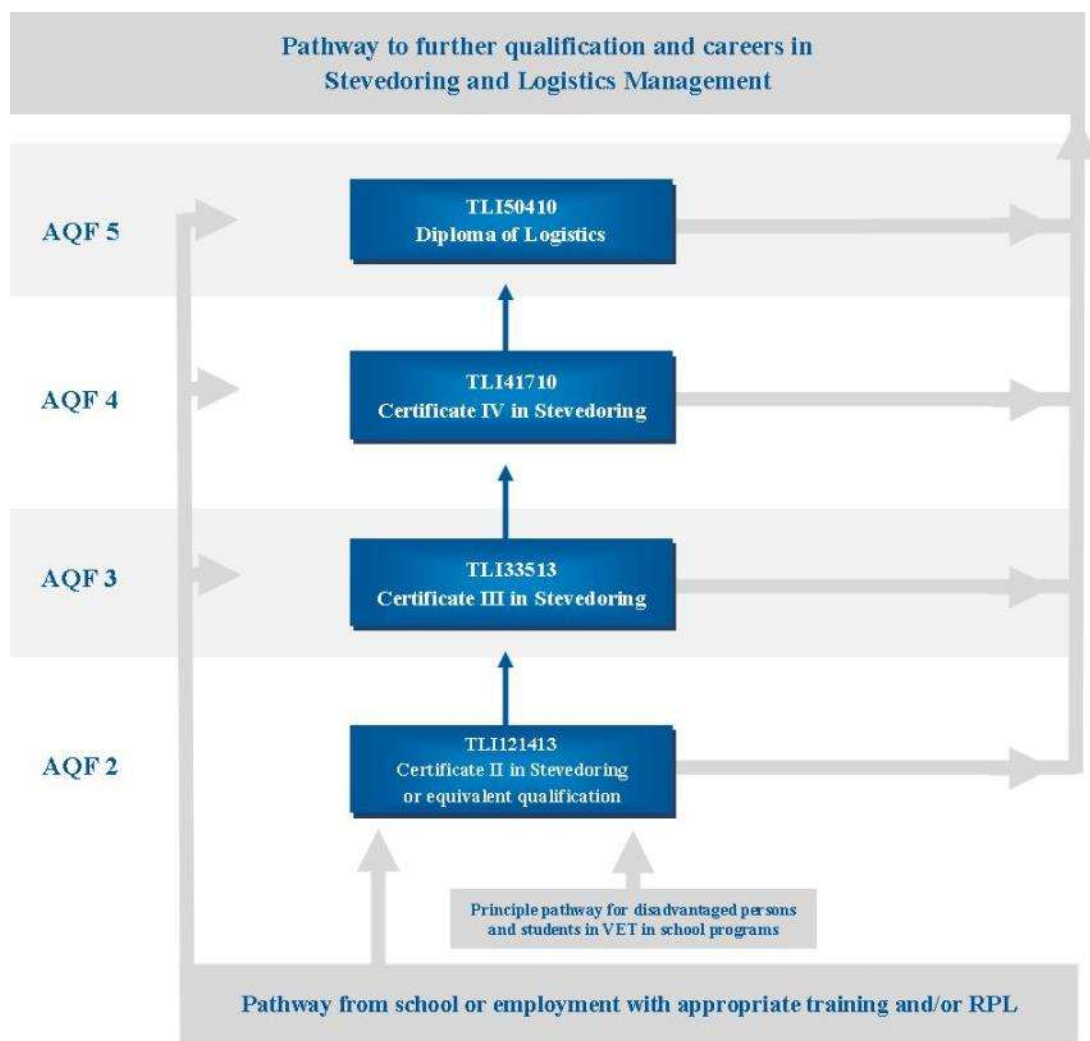
AQF Level Pathways Outcomes

AQF 5   Contributes to requirements for employment in stevedoring and logistics management

AQF 4   Contributes to requirements for employment in supervisory positions in the stevedoring and logistics sector

AQF 3   Contributes to requirements for employment in the advanced operations positions in the stevedoring and logistics sector

AQF 2   Contributes to requirements for employment in operations positions in the stevedoring and logistics sector

Figure 5: Rail Operations Pathways

Pathway to further qualification and careers in Logistics and Rail Operations Management

AQF 5
- TLI50613 Diploma of Rail Operations Management

AQF 4
- BSB40812 Certificate IV in Frontline Management
- TLI42613 Certificate IV in Train Driving
- TLI42211 Certificate IV in Rail Network Control
- TLI42413 Certificate IV in Rail Safety Management
- TLI42713 Certificate IV in Tram/Light Rail Network Control

AQF 3
- TLI33113 Certificate III in Rail Customer Service
- TLI32310 Certificate III in Electric Passenger Train Guard
- TLI33013 Certificate III in Heritage Locomotive Assistant or Steam Locomotive Fireman
- TLI33213 Certificate III in Terminal Train Driving
- TLI32611 Certificate III in Rail Signalling
- TLI32813 Certificate III in Rail Yard Coordination
- TLI31410 Certificate III in Rail Driving

AQF 2
- TLI22313 Certificate II in Rail Customer Service
- TLI22013 Certificate II in Shunting

Pathway from school or employment with appropriate training and/or RPL
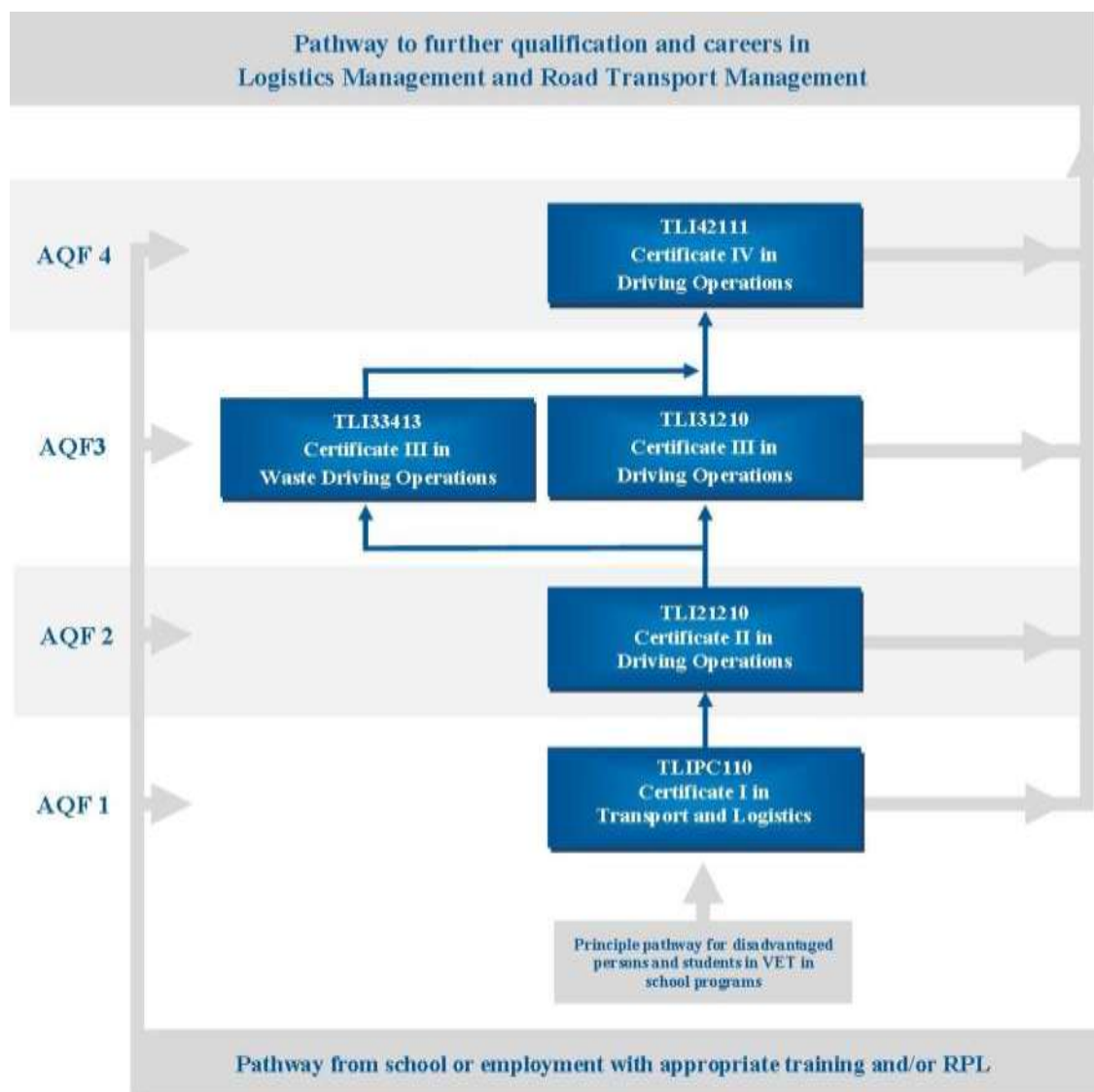
AQF Level Pathways Requirements

AQF 5   Contributes to requirements for employment in logistics and rail operations management

AQF 4   Contributes to requirements for employment in supervisory positions in the rail operations sector

AQF 3   Contributes to requirements for employment in advanced operations positions in the rail operations sector

AQF 2   Contributes to requirements for employment in operations positions in the rail operations sector

Figure 6: Rail Infrastructure Pathways
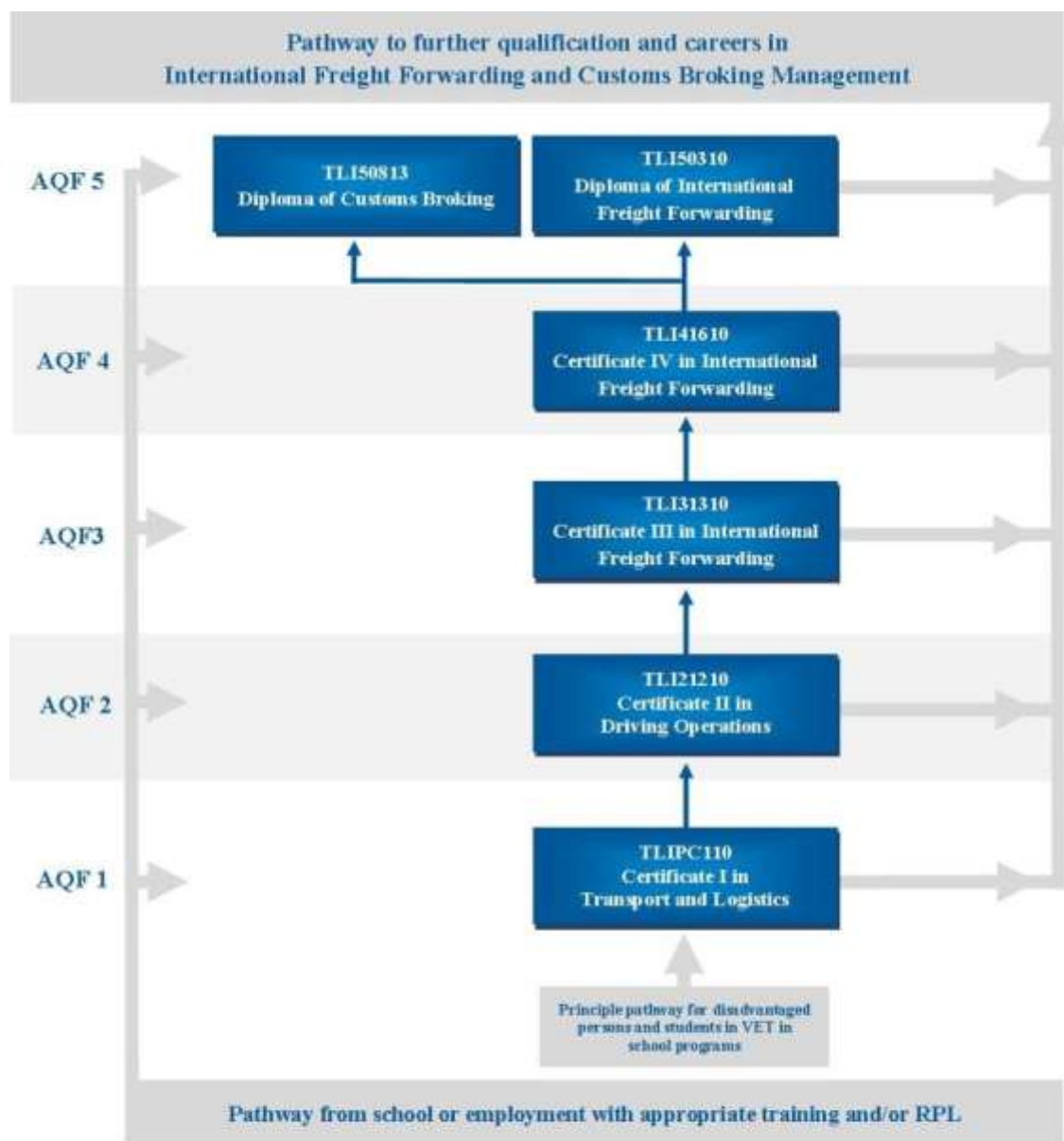

AQF Level Pathways Outcomes

AQF 5   Contributes to requirements for employment in logistics and rail infrastructure management

AQF 4   Contributes to requirements for employment in supervisory positions in the rail and civil infrastructure sector

AQF 3   Contributes to requirements for employment in advanced operations positions in the rail and civil infrastructure sector

AQF 2   Contributes to requirements for employment in operations positions in the rail and civil infrastructure sector

Figure 7: Logistics Pathways

AQF Level Pathways Outcomes

AQF 6   Contributes to requirements for employment in deployment and materiel logistics management

AQF 5   Contributes to requirements for employment in logistics, deployment logistics and materiel logistics management

AQF 4   Contributes to requirements for employment in supervisory positions in the logistics, deployment logistics and materiel logistics sector

AQF 3   Contributes to requirements for employment in the advanced operations positions in the logistics sector

AQF 2   Contributes to requirements for employment in operations positions in the logistics sector

AQF 1   Contributions to requirements for employment in entry level positions in the logistics operations sector
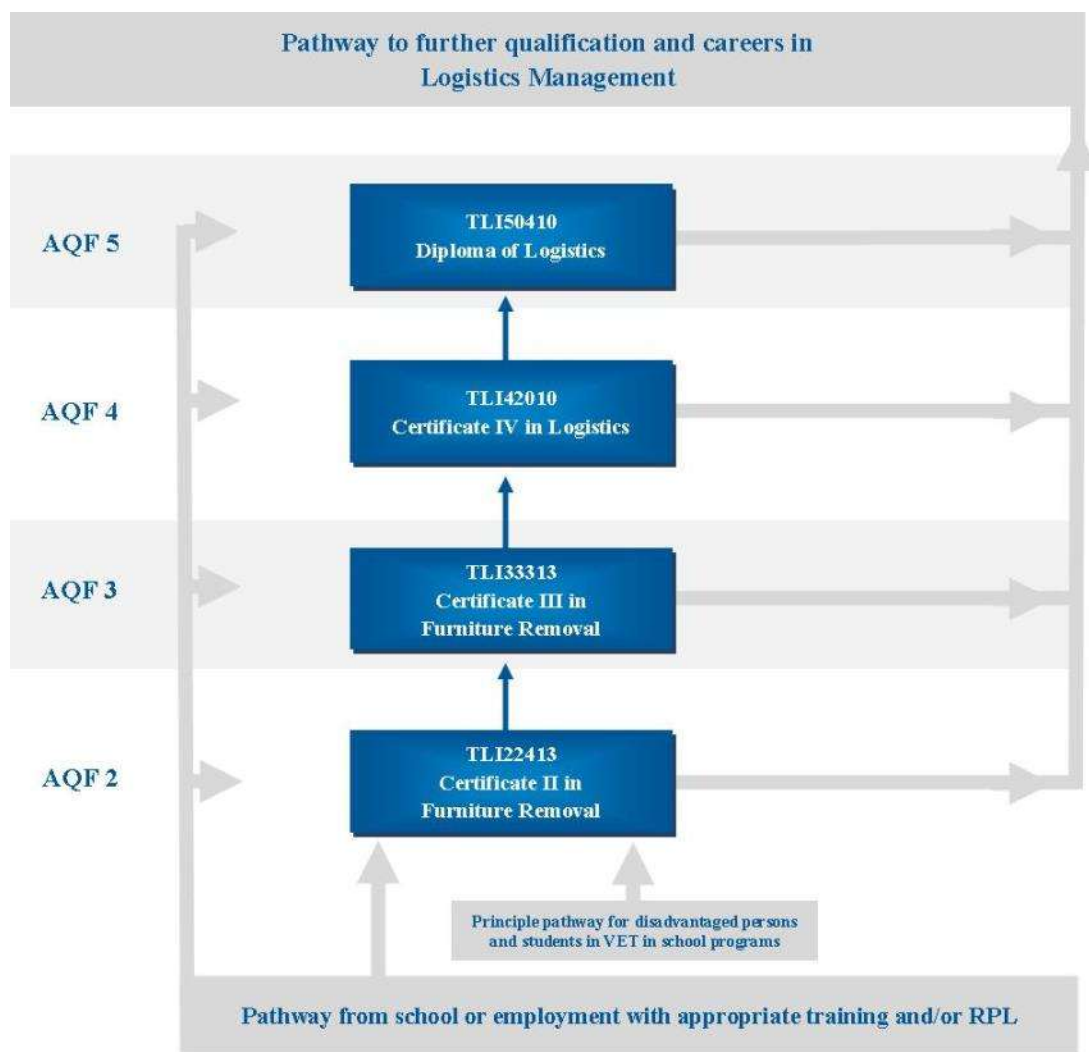
Figure 8: Driving Operations Pathways

AQF Level Pathways Outcomes

AQF 4   Contributes to requirements for employment in supervisory positions in the logistics and road transport sector

AQF 3   Contributes to requirements for employment in the advanced operations positions in the logistics and road transport sector

AQF 2   Contributes to requirements for employment in operations positions in the logistics and road transport sector

AQF 1   Contributions to requirements for employment in entry level positions in the logistics and road transport sector

Figure 9: International Freight Forwarding and Customs Broking Pathways

AQF Level Pathways Outcomes

AQF 5   Contributes to requirements for employment in logistics and warehousing management

AQF 4   Contributes to requirements for employment in supervisory positions in the logistics and road transport sector

AQF 3   Contributes to requirements for employment in the advanced operations positions in the logistics and road transport sector

AQF 2   Contributes to requirements for employment in operations positions in the logistics and road transport sector

AQF 1   Contributions to requirements for employment in entry level positions in the logistics and road transport sector

Figure 10: Furniture Removal Pathways

AQF Level Pathways Outcomes

AQF 5   Contributes to requirements for employment in logistics management

AQF 4   Contributes to requirements for employment in supervisory positions in the logistics sector

AQF 3   Contributes to requirements for employment in the advanced operations positions in the logistics sector

AQF 2   Contributes to requirements for employment in operations positions in the logistics sector

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TLI10 Version 4.2 Skill Sets

Definition
Skill sets are defined as single units of competency, or combinations of units of competency from an endorsed Training Package, which link to a licence or regulatory requirement, or defined industry need.

Wording on Statements of Attainment
Skill sets are a way of publicly identifying logical groupings of units of competency which meet an identified need or industry outcome. Skill sets are not qualifications.

Where skill sets are identified in a Training Package, the Statement of Attainment can set out the competencies a person has achieved in a way that is consistent and clear for employers and others. This is done by including the wording 'these competencies meet [insert skill set title or identified industry area] need' on the Statement of Attainment. This wording applies only to skill sets that are formally identified as such in the endorsed Training Package. See Australian Qualifications Framework, Second Edition January 2013 for advice on wording on Statements of Attainment. < http://www.aqf.edu.au/resources/aqf/ >.

Skill Sets in this Training Package
This section provides information on skill sets within this Training Package, with the following important disclaimer: Readers should ensure that they have also read the part of the Training Package that outlines licensing and regulatory requirements.

The skill sets within this Training Package are as follows:

Logistics

- TLISS00019 Integrated Logistics Support (ILS) Practitioner Skill Set
- TLISS00020 Integrated Logistics Support Inventory Controller Skill Set
- TLISS00021 Integrated Logistics Support Management Skill Set
- TLISS00024 Logistics Configuration Management Skill Set
- TLISS00025 Logistics Executive Management Skill Set
- TLISS00026 Logistics Inventory Controller Skill Set
- TLISS00027 Logistics Product Management Skill Set
- TLISS00028 Logistics Sustainment Management Skill Set
- TLISS00029 Logistics Sustainment Practitioner Skill Set
- TLISS00070 Mentoring Skill Set

Rail

- TLISS00001 Access and Move a Track Vehicle within a Defined Worksite Skill Set
- TLISS00002 Accessing the Rail Corridor Skill Set
- TLISS000003 Aluminothermic Welding Skill Set
- TLISS00004 Blocking Protection Skill Set
- TLISS00005 Conduct Track Protection Skill Set
- TLISS00006 Control Rail Traffic through Worksite Skill Set
- TLISS00007 Coordinate Multiple Work Groups Skill Set
- TLISS00008 Decommission Mechanical Signalling Infrastructure and Interlocking Equipment Skill Set
- TLISS00010 Electric Track Welding Skill Set

- TLISS00011 Examining Concrete or Masonry Structures Skill Set
- TLISS00012 Examining Steel Structures Skill Set
- TLISS00013 Examining Timber Structures Skill Set
- TLISS00014 Flashbutt Welding Skill Set
- TLISS00015 Handsignaller Skill Set
- TLISS00016 Install Mechanical Equipment Skill Set
- TLISS00017 Install Minor Structures Skill Set
- TLISS00018 Install Transoms Skill Set
- TLISS00023 Light On-Track Equipment Operation Skill Set
- TLISS00030 Lookout Working Skill Set
- TLISS00031 Maintain Aerial Signal or Telecommunication Lines and Cables Skill Set
- TLISS00032 Maintain Bridge Bearings Skill Set
- TLISS00032 Maintain Mechanical Equipment Skill Set
- TLISS00035 Minor Track Equipment Operation Skill Set
- TLISS00038 Operate Signalling or Point Control Equipment Skill Set
- TLISS00039 Plan Track Possessions Protection Skill Set
- TLISS00040 Rail Adjustment Skill Set
- TLISS00041 Rail Infrastructure Induction Skill Set
- TLISS00043 Repairing Concrete or Masonry Structures Skill Set
- TLISS00044 Repairing Steel Structures Skill Set
- TLISS00045 Repairing Timber Structures Skill Set
- TLISS00049 Suburban Network Train Driver Assistant Skill Set
- TLISS00050 Track Grinding Skill Set
- TLISS00051 Track Inspection Skill Set
- TLISS00052 Track Lubrication Skill Set
- TLISS00053 Track Occupancy Protection Skill Set
- TLISS00054 Track Patrol Skill Set
- TLISS00055 Travel Medium or Heavy On-Track Equipment Skill Set
- TLISS00056 Travel Track Vehicle Under Block Working Conditions Skill Set
- TLISS00057 Travel Track Vehicle Under Occupancy Authority Skill Set
- TLISS00060 Ultrasonic Points and Crossings Testing Skill Set
- TLISS00061 Ultrasonic Rail Testing Skill Set
- TLISS00062 Certify Rolling Stock Skill Set
- TLISS00063 Move Rolling Stock Within Defined Limits Skill Set
- TLISS00064 Rail Maintainer Skill Set
- TLISS00065 Tram or Light Rail Turnout Construction Skill Set
- TLISS00066 Install Tram or Light Rail Turnout Installation Skill Set
- TLISS00067 Submerged Arc Welding Skill Set
- TLISS00068 Tram or Light Rail Track Inspection Skill Set
- TLISS00069 Tram or Light Rail Track Sweeping Skill Set
- TLISS00071 Lead Shunter Skill Set
- TLISS00077 Rail Operations Safeworking Skill Set
- TLISS00078 Rail Signal Panel Operation Skill Set
- TLISS00089 Train Buffet Operations Skill Set

Road Transport

- TLISS00009 Driving Instructor Skill Set

- TLISS00022 International Freight Forwarding Skill Set
- TLISS00036 Mobile Crane Operations Supervisor Skill Set
- TLISS00037 Open Road Operator Skill Set
- TLISS00046 Road Safety Skill Set
- TLISS00047 Road Tunnel Operator Skill Set
- TLISS00072 Compiler/Classifier Skill Set
- TLISS00073 Furniture Removal Pre-Packer Skill Set
- TLISS00074 Furniture Removal Team Leader Skill Set
- TLISS00075 International Furniture Removal Packer and Wrapper Skill Set
- TLISS00076 Introduction to the Waste Industry Skill Set
- TLISS00088 Tow Truck Driver Skill Set
- TLISS00090 Waste Industry Off-Sider Skill Set

Stevedoring

- TLISS00084 Stevedoring Operation Induction and Safety Skill Set
- TLISS00079 Stevedoring Clerical Skill Set
- TLISS00080 Stevedoring Crane Operations Skill Set
- TLISS00081 Stevedoring Equipment Controller Skill Set
- TLISS00082 Stevedoring Equipment Operations/Light Load Shifting Skill Set
- TLISS00091 Stevedoring Equipment Operations/Specialised Load Shifting Skill Set
- TLISS00083 Stevedoring Gantry Crane Operations Skill Set
- TLISS00085 Stevedoring Reefer Skill Set
- TLISS00086 Stevedoring Ships-Based Crane Operations Skill Set
- TLISS00087 Stevedoring Team Leader Skill Set