



**Australian Government**

# **TLI10 TRANSPORT AND LOGISTICS TRAINING PACKAGE**

**Release: 1.1**

## CONTENTS

<b>Preliminary Information .....</b>	<b>3</b>
<b>Overview .....</b>	<b>126</b>
<b>The TLI10 Transport and Logistics Training Package (Version 1.1).....</b>	<b>132</b>
<b>Assessment Guidelines.....</b>	<b>142</b>
<b>Competency Standards .....</b>	<b>160</b>
<b>Qualifications Frame work.....</b>	<b>165</b>
<b>Sector and Qualifications Pathways.....</b>	<b>174</b>
<b>TLI10 Version 1.1 Qualifications and Packaging Rules.....</b>	<b>183</b>
<b>Skill Sets.....</b>	<b>186</b>

## Modification History

### Version 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																					
1.1	June 2011	<p>The following changes have been undertaken in this new Version of TLI10 Transport and Logistics Training Package:</p> <p>The following 6 units have changed codes;</p> <table border="1"> <thead> <tr> <th>Old Codes</th> <th>New Codes</th> <th>Unit Title</th> </tr> </thead> <tbody> <tr> <td>TLIA4007A</td> <td>TLIA4063A</td> <td>Coordinate stevedoring clerical functions</td> </tr> <tr> <td>TLIB2007A</td> <td>TLIB2119A</td> <td>Carry out maintenance of trailers</td> </tr> <tr> <td>TLIB3107A</td> <td>TLIB3120A</td> <td>Test mechanical signalling equipment and isolate faults</td> </tr> <tr> <td>TLIC3007A</td> <td>TLIC3063A</td> <td>Operate vehicle carrying special loads</td> </tr> <tr> <td>TLID2007A</td> <td>TLID2047A</td> <td>Prepare cargo for transfer with slings</td> </tr> <tr> <td>TLIL4007A</td> <td>TLIL4078A</td> <td>Coordinate fleet control logistics</td> </tr> </tbody> </table>	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
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																					
1		<p>Primary release</p> <p>TLI10 is a reviewed Training Package replacing TLI07 Version 4.1.</p>																					

## Preliminary Information

### 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 1.1– check whether this is the latest version by going to the National Training Information Service (<http://www.ntis.gov.au/>) and locating information about the Training Package. Alternatively, contact Transport and Logistics Industry Skills Council (<http://www.tlisc.com.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.

### Version 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															
1.1	July 2011	<p>The following changes have been undertaken in this new Version of TLI10 Transport and Logistics Training Package:</p> <p>The following 6 units have changed codes;</p> <table border="1"> <thead> <tr> <th>Old Codes</th> <th>New Codes</th> <th>Unit Title</th> </tr> </thead> <tbody> <tr> <td>TLIA4007A</td> <td>TLIA4063A</td> <td>Coordinate stevedoring clerical functions</td> </tr> <tr> <td>TLIB2007A</td> <td>TLIB2119A</td> <td>Carry out maintenance of trailers</td> </tr> <tr> <td>TLIB3107A</td> <td>TLIB3120A</td> <td>Test mechanical signalling equipment and isolate faults</td> </tr> <tr> <td>TLIC3007A</td> <td>TLIC3063A</td> <td>Operate vehicle</td> </tr> </tbody> </table>	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
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															

Version	Release date	Comments		
				carrying special loads
		TLID2007A	TLID2047A	Prepare cargo for transfer with slings
		TLIL4007A	TLIL4078A	Coordinate fleet control logistics
1		Primary release TLI10 is a reviewed Training Package replacing TLI07 Version 4.1.		

### Table 1: Summary of AQF Qualifications in TLI10 Transport and Logistics Training Package (Version 1.1)

This table lists all of the qualifications in the TLI10 Training Package (Version 1.1)

Code	National qualification title
<b>AQF 1</b>	
TLIPC110	Certificate I in Transport and Logistics (Pathways)
TLI10410	Certificate I in Transport and Logistics (Rail Operations)
TLI11210	Certificate I in Warehousing Operations
TLI11310	Certificate I in Logistics
<b>AQF 2</b>	
TLI20410	Certificate II in Transport and Logistics (Rail Operations)
TLI21210	Certificate II in Driving Operations
TLI21310	Certificate II in Rail Infrastructure
TLI21410	Certificate II in Stevedoring
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

<b>Code</b>	<b>National qualification title</b>
<b>AQF 3</b>	
TLI30410	Certificate III in Transport and Logistics (Rail Operations)
TLI31210	Certificate III in Driving Operations
TLI31310	Certificate III in International Freight Forwarding (Operator)
TLI31410	Certificate III in Rail Driving
TLI31510	Certificate III in Stevedoring
TLI31610	Certificate III in Warehousing Operations
TLI31710	Certificate III in Mobile Crane Operations
TLI31810	Certificate III in Rail Track Surfacing
TLI31910	Certificate III in Mechanical Rail Signalling
TLI32110	Certificate III in Rail Structures
TLI32310	Certificate III in Electric Passenger Train Guard
TLI32410	Certificate III in Logistics
TLI32510	Certificate III in Rail Infrastructure
<b>AQF 4</b>	
TLI40410	Certificate IV in Transport and Logistics (Rail Operations)
TLI40710	Certificate IV in Transport and Logistics (Rail Infrastructure)
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)

<b>Code</b>	<b>National qualification title</b>
TLI41710	Certificate IV in Stevedoring Operations
TLI41810	Certificate IV in Warehousing Operations
TLI41910	Certificate IV in Mobile Crane Operations
TLI42010	Certificate IV in Logistics
<b>AQF 5</b>	
TLI50210	Diploma of Materiel Logistics
TLI50310	Diploma of International Freight Forwarding
TLI50410	Diploma of Logistics
TLI50510	Diploma of Deployment Logistics
<b>AQF 6</b>	
TLI60110	Advanced Diploma of Materiel Logistics
TLI60210	Advanced Diploma of Deployment Logistics

## **Table 2: Summary of Units of Competency in TLI10 Transport and Logistics Training Package (Version 1.1)**

The TLI units of competency listed below are presented in field order. Note there are no pre-requisites for any TLI10 units of competency.

<b>Code</b>	<b>Title</b>
<b>A Handling Cargo/Stock</b>	
TLIA1001A	Secure cargo
TLIA3002A	Maintain container/cargo records
TLIA2003A	Connect and disconnect reefer units
TLIA3004A	Process receipt and delivery of containers and cargo
TLIA4005A	Check and evaluate records and documentation
TLIA4006A	Organise and monitor terminal/wharf operations

<b>Code</b>	<b>Title</b>
TLIA3008A	Transfer cargo
TLIA2009A	Complete and check import/export documentation
TLIA3010A	Coordinate goods to bond premises
TLIA2011A	Package goods
TLIA2012A	Pick and process orders
TLIA2013A	Receive goods
TLIA2014A	Use product knowledge to complete work operations
TLIA3015A	Complete receipt/despatch documentation
TLIA3016A	Use inventory systems to organise stock control
TLIA3017A	Identify products and store to specifications
TLIA3018A	Organise despatch operations
TLIA3019A	Organise receipt operations
TLIA2020A	Replenish stock
TLIA2021A	Despatch stock
TLIA2022A	Participate in stocktakes
TLIA3023A	Coordinate stocktakes
TLIA3024A	Organise warehouse records operations
TLIA4025A	Regulate temperature controlled stock
TLIA3026A	Monitor storage facilities
TLIA4028A	Assess and monitor optimum stock levels
TLIA5029A	Plan and manage storage of dangerous goods and hazardous substances
TLIA4030A	Organise cargo for export
TLIA4031A	Consolidate freight
TLIA4032A	Organise transport of freight or goods



<b>Code</b>	<b>Title</b>
TLIA4033A	Organise international transport of freight
TLIA5035A	Manage international freight transfer
TLIA3038A	Control and order stock
TLIA3039A	Receive and store stock
TLIA4040A	Implement and monitor stevedoring regulations
TLIA2041A	Manually sort mail and parcels
TLIA2042A	Despatch mail
TLIA2043A	Consolidate mail
TLIA2044A	Carry out delivery operations
TLIA2045A	Process international parcels and letters
TLIA2046A	Process parcels and letters
TLIA2047A	Stream mail
TLIA2048A	Carry out border clearance functions
TLIA2049A	Apply specialist permit requirements as part of customs broking activities
TLIA3050A	Apply GST legislation as part of customs broking activities
TLIA4051A	Carry out quarantine procedures
TLIA4052A	Carry out customs clearance practices
TLIA3053A	Carry out customs valuation
TLIA3054A	Classify commodities for the import and export of goods through customs
TLIA4055A	Classify complex commodities for the import and export of goods through customs
TLIA4056A	Carry out complex customs valuation
TLIA4057A	Analyse, advise on and carry out integrated border clearance transactions
TLIA5058A	Manage facility and inventory requirements

<b>Code</b>	<b>Title</b>
TLIA5059A	Plan and organise the international forwarding of freight by sea and multimodal transport
TLIA5060A	Plan and organise the international forwarding of freight by air transport
TLIA5061A	Plan and organise the international forwarding of freight by road and rail transport
TLIA4062A	Implement safety stock systems
TLIA4063A	Coordinate stevedoring clerical functions

### **B Equipment Checking and Maintenance**

TLIB1001A	Check and assess operational capabilities of equipment
TLIB3002A	Test equipment and isolate faults
TLIB2003A	Carry out vehicle servicing and maintenance
TLIB2004A	Carry out vehicle inspection
TLIB3005A	Carry out maintenance of vehicles designed to carry special loads
TLIB3006A	Carry out inspection of vehicles designed to carry special loads
TLIB2008A	Carry out inspection of trailers
TLIB2009A	Check conveyor operational status
TLIB5010A	Plan and implement maintenance schedules
TLIB3011A	Set up and rig crane for lift
TLIB3012A	Plan job and set up work areas
TLIB3013A	Maintain mobile cranes
TLIB3014A	Load and unload wheeled or tracked crane
TLIB3015A	Undertake site inspection
TLIB3016A	De-rig, pack and store tools and equipment
TLIB3017A	Assemble and dismantle boom or jib
TLIB3018A	Conduct full train examination

<b>Code</b>	<b>Title</b>
TLIB3019A	Test train braking system
TLIB3020A	Visually inspect stationary train
TLIB3021A	Conduct train roll-by inspection
TLIB2022A	Diagnose and rectify minor faults
TLIB2023A	Provide sanitation and water services support to passenger transportation units
TLIB1024A	Clean transportation units and facilities for passenger use
TLIB3026A	Prepare for train operation
TLIB3027A	Set up and shut down on-train remote control system
TLIB1028A	Maintain and use hand tools
TLIB2029A	Use and maintain minor mechanical equipment
TLIB1030A	Undertake general site maintenance
TLIB1031A	Clean up plant, equipment and worksite
TLIB2034A	Maintain poles and associated hardware
TLIB3040A	Inspect poles and associated hardware
TLIB4042A	Conduct inspection of safeworking procedures and infrastructure
TLIB3046A	Service and clean mechanical signalling equipment and infrastructure
TLIB3047A	Repair and adjust mechanical signalling equipment and infrastructure
TLIB3048A	Carry out off-site repair, overhaul and assembly of mechanical signalling equipment
TLIB3053A	Maintain mechanical signalling locking and interlocking devices
TLIB3058A	Maintain aerial signal/telecommunications lines and cables
TLIB4071A	Install and maintain pole mounted switches and transformers
TLIB2073A	Clean road tankers
TLIB3075A	Inspect and prepare a motive power unit

<b>Code</b>	<b>Title</b>
TLIB4076A	Inspect and prepare a heritage motive power unit
TLIB4077A	Inspect and prepare a heritage steam locomotive
TLIB3078A	Inspect, prepare and start an electric tram
TLIB2079A	Set up and secure a towing situation
TLIB1080A	Use, clean and maintain towing equipment
TLIB2081A	Repair timber structures
TLIB2082A	Repair steel structures
TLIB2083A	Maintain bridge bearings
TLIB2084A	Carry out routine maintenance of structures
TLIB2085A	Apply track fundamentals
TLIB2086A	Apply awareness of structures fundamentals
TLIB3087A	Examine timber structures
TLIB3088A	Examine steel structures
TLIB2090A	Use communication systems in a taxicab
TLIB2091A	Measure and record track geometry
TLIB2092A	Operate minor mechanical equipment
TLIB1093A	Clean equipment and restore worksite
TLIB3094A	Check and repair track geometry
TLIB3095A	Check and repair points and crossings
TLIB2096A	Repair concrete/masonry structures
TLIB2097A	Install and maintain guard rails
TLIB3098A	Examine concrete/masonry structures
TLIB3099A	Examine track infrastructure
TLIB3100A	Visually inspect track infrastructure

<b>Code</b>	<b>Title</b>
TLIB2101A	Install and maintain rail joints
TLIB3102A	Adjust rail
TLIB3103A	Install and maintain mechanical signalling locking and interlocking devices
TLIB2104A	Identify, diagnose and rectify faults on electric passenger trains
TLIB3105A	Prepare electric passenger train
TLIB3108A	Test operation of electric passenger train braking system
TLIB2111A	Assist with testing train braking system on electric passenger train
TLIB3112A	Prepare electric passenger train as part of guard duties
TLIB3113A	Diagnose and rectify minor faults on motive power units and rolling stock
TLIB2119A	Carry out maintenance of trailers
TLIB3120A	Test mechanical signalling equipment and isolate faults

### **C Vehicle Operation**

TLIC2002A	Drive light rigid vehicle
TLIC3003A	Drive medium rigid vehicle
TLIC3004A	Drive heavy rigid vehicle
TLIC3005A	Drive heavy combination vehicle
TLIC4006A	Drive multi-combination vehicle
TLIC2009A	Drive taxicab
TLIC3010A	Pilot or escort oversized and/or overmassed loads
TLIC3011A	Transport passengers with disabilities
TLIC2012A	Ride courier/delivery motorcycle
TLIC1013A	Ride courier/delivery bicycle
TLIC4016A	Conduct marshalling operations
TLIC3017A	Shunt rolling stock

<b>Code</b>	<b>Title</b>
TLIC3018A	Operate on-train remote control system
TLIC4019A	Drive train to operational requirements
TLIC4023A	Operate train with due consideration of route conditions
TLIC4024A	Operate urban passenger train
TLIC2025A	Operate four wheel drive vehicle
TLIC4026A	Operate and monitor a motive power unit
TLIC3027A	Stable a motive power unit
TLIC3028A	Operate and monitor a heritage motive power unit
TLIC3029A	Stable a heritage motive power unit
TLIC3030A	Operate and monitor a heritage steam locomotive
TLIC3031A	Stable a heritage steam locomotive
TLIC3032A	Operate and monitor a passenger electric tram
TLIC3033A	Drive an electric tram to operational requirements
TLIC3034A	Berth and shut down an electric tram
TLIC3035A	Manage the operation of a tow truck
TLIC3036A	Apply safe car driving behaviours
TLIC3037A	Apply safe heavy vehicle driving behaviours
TLIC3038A	Apply safe motorcycle riding behaviours
TLIC3039A	Operate and monitor a monorail train
TLIC2040A	Provide wheelchair accessible taxi services to passengers with disabilities
TLIC2041A	Operate self-propelled equipment on track
TLIC3042A	Operate coach/bus
TLIC3044A	Operate motive power unit by radio remote control
TLIC3045A	Operate road/rail vehicle

<b>Code</b>	<b>Title</b>
TLIC3046A	Drive and operate electric passenger train
TLIC3047A	Stable electric passenger train
TLIC3048A	Shunt, couple and uncouple electric passenger trains
TLIC2049A	Operate heavy vehicle on unsealed roads
TLIC2050A	Operate a terminal tractor
TLIC1051A	Operate commercial vehicle
TLIC3052A	Assist with shunting, coupling and uncoupling electric passenger trains
TLIC2053A	Escort rail train to worksite within occupancy/possession limits
TLIC2054A	Access rail track to run track vehicle within defined worksite
TLIC3055A	Access rail track to travel track vehicle under occupancy authority
TLIC3056A	Access rail track to travel track vehicle/s under block working conditions
TLIC3057A	Perform guard duties as part of electric passenger train operations
TLIC3063A	Operate vehicle carrying special loads

## **D Load Handling**

TLID1001A	Shift materials safely using manual handling methods
TLID1002A	Shift a load using manually-operated equipment
TLID2003A	Handle dangerous goods/hazardous substances
TLID2004A	Load and unload goods/cargo
TLID4008A	Monitor crane operations
TLID4009A	Direct crane operations
TLID2010A	Operate a forklift
TLID3011A	Conduct specialised forklift operations
TLID2012A	Operate specialised load shifting equipment
TLID2013A	Move materials mechanically using automated equipment

<b>Code</b>	<b>Title</b>
TLID3014A	Load and unload vehicles carrying special loads
TLID3015A	Identify and label explosives and dangerous goods
TLID2016A	Load and unload explosives and dangerous goods
TLID2018A	Handle furniture and effects
TLID2019A	Pack and unpack cartons during a removal
TLID3020A	Care for livestock in transit
TLID2021A	Use specialised bulk transfer equipment (dry)
TLID2022A	Conduct weighbridge operations
TLID3023A	Use specialised liquid bulk gas transfer equipment
TLID3024A	Use specialised liquid bulk transfer equipment (gravity/pressurised)
TLID3027A	Prepare for transport of dangerous goods
TLID2029A	Prepare articles for delivery
TLID4030A	Supervise mobile crane operations
TLID3031A	Rig load
TLID4032A	Plan and conduct specialised lift
TLID3033A	Operate a vehicle-mounted loading crane
TLID3035A	Operate a boom type elevating work platform
TLID3036A	Lift and move load using a mobile crane
TLID3040A	Control lift and movement of crane
TLID3041A	Undertake cash-in-transit loading and unloading in an unsecured environment
TLID3043A	Shift loads using gantry equipment
TLID3044A	Shift loads using cranes
TLID2045A	Operate specialised light load shifting equipment
TLID3046A	Operate container side lifter



<b>Code</b>	<b>Title</b>
TLID2047A	Prepare cargo for transfer with slings
<b>E Communication and Calculation</b>	
TLIE2001A	Present routine workplace information
TLIE3002A	Estimate/calculate mass, area and quantify dimensions
TLIE1003A	Participate in basic workplace communication
TLIE3004A	Prepare workplace documents
TLIE1005A	Carry out basic workplace calculations
TLIE4006A	Collect, analyse and present workplace data and information
TLIE2007A	Use communication systems
TLIE2008A	Process workplace documentation
TLIE3009A	Use pilot and escort communication
TLIE3010A	Estimate furniture removal jobs
TLIE3012A	Consolidate manifest documentation
TLIE4013A	Apply workplace statistics
TLIE2014A	Compile and process export documentation
TLIE3015A	Undertake rigger/dogger and driver communication
TLIE3016A	Estimate/calculate load shifting requirements for a mobile crane
TLIE2017A	Undertake initial removal survey
TLIE3018A	Maintain freight records
TLIE3019A	Work with travel agencies and sales outlets
TLIE5020A	Apply knowledge of freight forwarding documentation and permits
TLIE3021A	Work and communicate effectively with others
<b>F Safety Management</b>	
TLIF1001A	Follow occupational health and safety procedures

<b>Code</b>	<b>Title</b>
TLIF1002A	Conduct housekeeping activities
TLIF3003A	Implement and monitor occupational health and safety procedures
TLIF3004A	Organise occupational health and safety procedures in the workplace
TLIF2006A	Apply accident-emergency procedures
TLIF4007A	Implement and coordinate accident-emergency procedures
TLIF1009A	Conduct cleaning operations in enclosed spaces
TLIF2010A	Apply fatigue management strategies
TLIF2012A	Apply safe procedures when handling/transporting dangerous goods or explosives
TLIF3013A	Coordinate breakdowns and emergencies
TLIF4014A	Develop and maintain a safe workplace
TLIF5017A	Investigate rail safety incidents
TLIF2018A	Operate firefighting equipment
TLIF2019A	Ensure a safe on-board passenger and working environment
TLIF5020A	Manage emergencies
TLIF4021A	Respond to train-driving emergencies and abnormal situations
TLIF3022A	Implement/monitor procedures when warehousing/storing dangerous goods and/or hazardous substances
TLIF3058A	Apply safeworking rules and regulations to rail functions
TLIF3060A	Control traffic as a pilot vehicle operator
TLIF4061A	Respond to electric tram-driving emergencies and abnormal situations
TLIF2062A	Apply awareness of safeworking rules and regulations
TLIF3063A	Administer the implementation of fatigue management strategies
TLIF4064A	Manage fatigue management policy and procedures
TLIF4065A	Ensure compliance with Australian Dangerous Goods Code

<b>Code</b>	<b>Title</b>
TLIF4066A	Implement and supervise transport regulations compliance systems
TLIF2068A	Work at height in the stevedoring industry
TLIF0069A	Monitor and respond to traffic flow
TLIF0070A	Operate fire and life safety system within a road tunnel
TLIF2072A	Comply with safety and security procedures
TLIF0075A	Demonstrate awareness of interacting with other road users
TLIF0076A	Demonstrate awareness of factors to reduce road harm
TLIF0077A	Demonstrate knowledge of risk factors and consequences in interacting with other road users
TLIF0078A	Recognise motor vehicle road crash risks and post crash actions
TLIF0079A	Select a safe vehicle
TLIF2080A	Safely access the rail corridor
TLIF2081A	Perform lookout duties
TLIF2082A	Perform handsignaller duties
TLIF3083A	Conduct track protection assessment
TLIF3084A	Follow mobile crane safety procedures

## **G Teamwork**

TLIG1001A	Work effectively with others
TLIG3002A	Lead a work team or group
TLIG4005A	Organise transport workload
TLIG4006A	Facilitate work teams
TLIG2007A	Work in a socially diverse environment

## **H Route Planning and Navigation**

TLIH2001A	Interpret road maps and navigate pre-determined routes
-----------	--

<b>Code</b>	<b>Title</b>
TLIH3002A	Plan and navigate routes
TLIH2003A	Prioritise courier/delivery operations
TLIH3004A	Identify major roads, services and attractions
<b>I Customer Service</b>	
TLII4001A	Coordinate quality customer service
TLII1002A	Apply customer service skills
TLII3003A	Provide customer service in transport vehicles/vessels
TLII3004A	Manage camping procedures for coaches and buses
TLII4005A	Market services and products to clients
TLII2006A	Provide freight forwarding services to customers
TLII3007A	Provide freight forwarding information to customers
TLII4008A	Monitor transport activities at interchanges
TLII3009A	Provide on-board services to customers
TLII3010A	Provide travel information to customers
TLII2015A	Operate the on-train buffet car
TLII4016A	Service freight customers
TLII4017A	Develop freight customers
TLII5018A	Manage customer service
TLII2019A	Provide taxicab customer service
TLII3020A	Provide assistance to customers with and without special needs
TLII3021A	Provide customer service in rail operations
<b>J Quality</b>	
TLIJ2001A	Apply quality procedures
TLIJ3002A	Apply quality systems

<b>Code</b>	<b>Title</b>
TLIJ2003A	Apply grain protection measures
TLIJ2004A	Implement grain monitoring measures
TLIJ3005A	Sample, inspect and test products to specifications
TLIJ3006A	Implement grain protection procedures
TLIJ5007A	Conduct internal quality audits
TLIJ4008A	Implement and monitor inbound QA systems

### **K Technology**

TLIK2003A	Apply keyboard skills
TLIK5006A	Evaluate software requirements and hardware enhancements
TLIK2007A	Perform electronic data interchange (EDI) to transmit shipping documentation
TLIK4008A	Implement and monitor network security
TLIK5009A	Apply knowledge of ICT to international freight forwarding activities
TLIK2010A	Use infotechnology devices in the workplace

### **L Resource Management**

TLIL1001A	Complete workplace orientation/induction procedures
TLIL3002A	Undertake employee payroll activities
TLIL3003A	Conduct induction process
TLIL4005A	Apply conflict/grievance resolution strategies
TLIL2008A	Complete routine administrative tasks
TLIL4009A	Manage personal work priorities and professional development
TLIL4010A	Assess and confirm customer transport requirements
TLIL5019A	Implement and monitor transport logistics
TLIL5020A	Develop and maintain operational procedures for transport and logistics enterprises

<b>Code</b>	<b>Title</b>
TLIL4021A	Coordinate the erection and dismantling of temporary storage facilities
TLIL5026A	Manage export logistics
TLIL4030A	Control a furniture warehouse
TLIL2031A	Monitor and process attendance records
TLIL4032A	Implement equal employment equity strategies
TLIL4033A	Promote effective workplace practice
TLIL4034A	Arrange alternative passenger transport
TLIL3035A	Allocate motive power
TLIL4036A	Develop rosters
TLIL4037A	Apply and amend rosters
TLIL4038A	Organise marshalling and shunting operations
TLIL3039A	Assist with train operations
TLIL4040A	Plan and control daily train operations
TLIL2041A	Monitor and record rolling stock locations
TLIL4042A	Control rail traffic movement
TLIL4043A	Allocate freight
TLIL4044A	Organise freight yard movement
TLIL3045A	Organise services for special events
TLIL2046A	Handle customer luggage/property
TLIL4047A	Coordinate train movement activities
TLIL2048A	Prepare for train departure
TLIL4049A	Develop train plans and schedules
TLIL4050A	Allocate rolling stock
TLIL3052A	Plan urban passenger train consists

<b>Code</b>	<b>Title</b>
TLIL3053A	Plan rural passenger train consists
TLIL3054A	Plan freight train consists
TLIL5055A	Manage a supply chain
TLIL5057A	Maintain, monitor and improve transport operations systems
TLIL4058A	Plan a career in logistics
TLIL4059A	Implement asset management systems
TLIL2060A	Complete induction to the transport industry
TLIL5061A	Apply knowledge of the international freight forwarding industry
TLIL5062A	Apply knowledge of logistics, storage and distribution to international freight forwarding
TLIL5063A	Review contracts, insurance, risk and liability in the international freight forwarding context
TLIL5064A	Manage international special freight transport services including dangerous goods and special cargo
TLIL3065A	Implement track occupancy protection
TLIL3066A	Control operational rail traffic through worksites
TLIL3067A	Implement planned track possession protection
TLIL4068A	Plan and coordinate track protection for multiple work groups
TLIL3069A	Implement track blocking protection
TLIL4070A	Work effectively in the transport and logistics industry
TLIL4078A	Coordinate fleet control logistics

### **LIC Licensing Units**

TLILIC2001A	Licence to operate a forklift truck
TLILIC2002A	Licence to operate an order picking forklift truck
TLILIC3003A	Licence to operate a bridge and gantry crane

<b>Code</b>	<b>Title</b>
TLILIC3004A	Licence to operate a derrick crane
TLILIC2005A	Licence to operate a boom-type elevating work platform (boom length 11 meters or more)
TLILIC3006A	Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)
TLILIC3007A	Licence to operate a portal boom crane
TLILIC3008A	Licence to operate a slewing mobile crane (up to 20 tonnes)
TLILIC4009A	Licence to operate a slewing mobile crane (up to 60 tonnes)
TLILIC4010A	Licence to operate a slewing mobile crane (up to 100 tonnes)
TLILIC4011A	Licence to operate a slewing mobile crane (over 100 tonnes)
TLILIC0012A	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)
TLILIC3013A	Preparation to transport dangerous goods by road
TLILIC2014A	Licence to drive light rigid vehicle
TLILIC2015A	Licence to drive medium rigid vehicle
TLILIC2016A	Licence to drive heavy rigid vehicle
TLILIC3017A	Licence to drive heavy combination vehicle
TLILIC3018A	Licence to drive multi-combination vehicle

### **M Training and Assessment**

TLIM4001A	Develop safe car driving behaviours in others
TLIM4002A	Develop safe heavy vehicle driving behaviours in others
TLIM4003A	Develop safe motorcycle riding behaviours in others

### **O Security**

TLIO1002A	Follow security procedures when working with passengers and personnel
TLIO2003A	Undertake loading and unloading in a designated secured environment



<b>Code</b>	<b>Title</b>
TLIO3004A	Conduct control procedures for transferring explosives and dangerous/hazardous/high risk goods
TLIO5005A	Plan and manage security procedures for the enterprise
TLIO5006A	Plan and manage security procedures for transferring and transporting dangerous goods
TLIO3007A	Undertake emergency response action to a security threat
TLIO3008A	Implement cash-in-transit security procedures
TLIO3009A	Test and inspect cash-in-transit security equipment
TLIO3010A	Respond to cash-in-transit security incidents
TLIO2011A	Provide revenue protection measures
TLIO3012A	Manage disruptive and/or unlawful behaviour
TLIO2013A	Administer the security of assets and facilities
TLIO3015A	Maintain security of railway property and revenue
TLIO3016A	Apply and monitor workplace security procedures
TLIO5017A	Manage security of storage facilities
TLIO5018A	Manage compliance with customs excise
TLIO3019A	Apprehend offenders
TLIO5020A	Advise on and manage security and safety in international freight transport
TLIO2021A	Follow security procedures when working with goods and cargo

## **P Administration and Finance**

TLIP4001A	Develop plans to meet customer and organisation needs
TLIP4002A	Facilitate and capitalise on change in the workplace
TLIP4003A	Implement, maintain and evaluate dangerous goods transport procedures within the workplace
TLIP5004A	Develop a transport and logistics business plan

<b>Code</b>	<b>Title</b>
TLIP4005A	Manage workplace information
TLIP5006A	Establish international distribution networks
TLIP5007A	Contribute to the development of a workplace learning environment
TLIP5008A	Manage a transport and logistics business unit
TLIP4010A	Assess lift requirements and provide quotation
TLIP5011A	Develop and evaluate strategies for transport and logistics enterprises
TLIP4013A	Implement and monitor logistics planning and process
TLIP2014A	Capture records into a records keeping system
TLIP3015A	Document a records system
TLIP3016A	Identify and classify records to be captured
TLIP2017A	Maintain control of records
TLIP2018A	Provide information from and about records
TLIP3019A	Provide records retrieval service
TLIP3020A	Sentence records
TLIP3021A	Undertake disposal program
TLIP3022A	Undertake movement of records
TLIP3023A	Destroy records
TLIP2024A	Conduct financial transactions
TLIP5025A	Set and achieve budget
TLIP3026A	Maintain financial records in a small business
TLIP3027A	Organise freight invoicing and payment
TLIP4028A	Administer international trading accounts
TLIP2029A	Prepare and process financial documents
TLIP2030A	Conduct courier/delivery cash transactions

<b>Code</b>	<b>Title</b>
TLIP4031A	Maintain customer credit accounts and services
TLIP2032A	Maintain petty cash account
TLIP2033A	Sell products and services
TLIP3034A	Advise on and construct fares for customers
TLIP5035A	Manage budgets and financial plans
TLIP5036A	Manage assets
TLIP2037A	Carry out financial transactions and maintain records
TLIP4038A	Monitor a supply chain operation
TLIP4039A	Monitor transport operations
TLIP4040A	Monitor warehouse operations

### **PC Pathways Certificate**

TLIPC1001A	Demonstrate care and apply safe practices at work
TLIPC1002A	Adapt to work requirements in the transport and logistics industry
TLIPC1003A	Apply effective work practices
TLIPC1004A	Complete courier delivery operations
TLIPC1005A	Complete small store operations

### **R Contract Procurement**

TLIR4001A	Monitor supplier performance
TLIR4002A	Source goods/services and evaluate contractors
TLIR4003A	Negotiate a contract
TLIR5005A	Manage a contract
TLIR5006A	Develop, implement and review purchasing strategies
TLIR5007A	Manage international purchasing
TLIR4008A	Implement and supervise stocktaking procedures

<b>Code</b>	<b>Title</b>
TLIR4009A	Implement purchasing systems
TLIR4010A	Plan purchasing
TLIR4012A	Conduct international purchasing
TLIR5014A	Manage suppliers

## **S Construction and Installation**

TLIS2004A	Install and maintain rail bonding systems
TLIS3005A	Install mechanical infrastructure for signalling
TLIS4007A	Decommission mechanical signalling infrastructure and interlocking equipment from service
TLIS3009A	Install mechanical signalling locking and interlocking devices
TLIS3010A	Test rail using ultrasonic equipment
TLIS3011A	Test rail using nondestructive testing equipment
TLIS2012A	Install and service rail lubrication equipment
TLIS2013A	Install minor structures
TLIS2020A	Install overhead wiring structure
TLIS3023A	Erect and mount structures and housings for signalling equipment
TLIS3025A	Implement ballast unloading
TLIS3026A	Implement track maintenance and construction
TLIS2027A	Install and maintain surface track drainage
TLIS2028A	Install and replace transoms
TLIS3029A	Implement structures maintenance and installation of minor structures
TLIS2030A	Carry out track ballasting
TLIS2031A	Install railway sleepers
TLIS2032A	Install rail

<b>Code</b>	<b>Title</b>
TLIS2033A	Install and repair temporary track supports
TLIS2034A	Install and repair rail fastening systems
TLIS2035A	Install and repair fences and gates
TLIS2036A	Use chemical repair products
TLIS3037A	Install and repair rail earthworks
TLIS3038A	Install points and crossings
TLIS3039A	Measure and mark track for resurfacing

### **U Environment**

TLIU4001A	Implement and monitor environmental protection policies and procedures
TLIU5006A	Conduct environmental audits
TLIU2008A	Apply environmental procedures to rail infrastructure
TLIU1009A	Monitor plant and equipment in an environmentally sustainable manner
TLIU4010A	Develop workplace policy and procedures for sustainability
TLIU3011A	Implement and monitor environmentally sustainable work practices
TLIU2012A	Participate in environmentally sustainable work practices
TLIU1013A	Prepare for environmentally sustainable work practices
TLIU3014A	Operate vehicle in an environmentally sustainable manner

### **W Equipment and Systems Operations**

TLIW2001A	Operate under track protection rules
TLIW3005A	Perform direct burial of cables
TLIW3006A	Operate computerised mail and parcels sorting equipment
TLIW3007A	Code and coordinate video-coding operations
TLIW3008A	Carry out culler facer canceller (CFC) operations
TLIW2012A	Grind rails

<b>Code</b>	<b>Title</b>
TLIW3013A	Grind switches and crossings
TLIW3014A	Weld rail using electric welding process
TLIW3015A	Weld rail using aluminothermic welding process
TLIW3016A	Weld rail using flashbutt welding process
TLIW2017A	Cut and join materials
TLIW2018A	Operate hand held air/power equipment for production processes
TLIW2019A	Apply surface coatings using a spray gun
TLIW2020A	Undertake pallet repairs
TLIW2021A	Clean and inspect pallets
TLIW2022A	Manufacture pallets using automated methods
TLIW2023A	Manufacture pallets using manual methods
TLIW2024A	Dock boards using computer programmed machinery
TLIW2025A	Dock boards on mechanical feeds
TLIW3026A	Operate stand alone signalling/point control equipment

## **X Logistics**

TLIX6001A	Formulate materiel logistics strategies
TLIX6002A	Contribute to materiel logistics strategies
TLIX5003A	Develop and review integrated logistics support plans
TLIX5004A	Develop integrated logistics support processes and procedures
TLIX5005A	Manage integrated logistics support operations
TLIX5006A	Manage verification and validation
TLIX4007A	Implement and monitor integrated logistics support plans
TLIX4008A	Conduct integrated logistics support activities
TLIX4009A	Apply integrated logistics support processes and procedures

<b>Code</b>	<b>Title</b>
TLIX5010A	Provide specialist integrated logistics support advice
TLIX4011A	Conduct logistics support analysis activities
TLIX5012A	Develop and review materiel sustainment plans
TLIX5013A	Develop materiel sustainment processes and procedures
TLIX5014A	Manage materiel sustainment operations
TLIX5015A	Establish supply chains
TLIX4016A	Implement and monitor materiel sustainment plans
TLIX4017A	Conduct materiel sustainment activities
TLIX4018A	Apply materiel sustainment processes and procedures
TLIX5019A	Provide specialist materiel sustainment advice
TLIX5020A	Develop and review configuration management plans
TLIX5021A	Manage configuration management processes
TLIX4022A	Implement and monitor configuration management plans
TLIX4023A	Conduct configuration management activities
TLIX4024A	Apply configuration management processes and procedures
TLIX5025A	Provide specialist configuration management advice
TLIX4026A	Apply codification and cataloguing processes and procedures
TLIX4027A	Assess maintenance spares and manage repairable items
TLIX4028A	Apply knowledge of logistics
TLIX4029A	Apply knowledge of integrated logistics support
TLIX4030A	Apply knowledge of materiel sustainment
TLIX4031A	Apply knowledge of configuration management
TLIX4032A	Apply knowledge of technical regulatory framework
TLIX4033A	Apply technical regulatory framework compliance management systems

<b>Code</b>	<b>Title</b>
TLIX4034A	Apply technical risk management systems and techniques
TLIX4035A	Maintain technical data and information
TLIX5036A	Manage and monitor technical data and information systems
TLIX5037A	Plan logistic support for deployed operations
TLIX5038A	Organise the deployment and delivery of logistics support
TLIX5039A	Plan and conduct road convoy
TLIX5040A	Manage contracted support services
TLIX5041A	Organise supply support on deployment
TLIX5042A	Organise road transport operations
TLIX5043A	Conduct maintenance on deployed operations
TLIX5044A	Organise health support operations
TLIX5045A	Manage and monitor catering on deployed operations
TLIX6046A	Plan deployed logistic support for significant operations
TLIX6047A	Monitor and provide logistic staff support for significant deployed operations
TLIX6048A	Manage the deployment and delivery of logistic support
TLIX6049A	Undertake provisioning in support of deployed operations
TLIX6050A	Plan distribution operations on deployment
TLIX6051A	Plan maintenance for deployed operations
TLIX6052A	Plan health support for deployed personnel
TLIX6053A	Coordinate health support operations

**Table 3: Imported Units of Competency in TLI10 Transport and Logistics Training Package (Version 1.1)**



The TLI10 Transport and Logistics Training Package (Version 1.1) has imported units of competency from other Training Packages. Please check the relevant Assessment Guidelines of the source Training Package by accessing the NTIS (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.ntis.gov.au](http://www.ntis.gov.au) or the respective Industry Skills Councils:

Code	Title	Pre-requisite	AQF
<b>BSB07 Business Services Training Package</b>			
BSBADM409A	Coordinate business resources	Nil	4
BSBCMM301A	Process customer complaints	Nil	3
BSBCOM501B	Identify and interpret compliance requirements	Nil	5
BSBCOM601B	Research compliance requirements and issues	Nil	6
BSBCUS201A	Deliver a service to customers	Nil	2
BSBCUS301A	Deliver and monitor a service to customers	Nil	3
BSBCUS401A	Coordinate implementation of customer service strategies	Nil	4
BSBCUS501A	Manage quality customer service	Nil	5
BSBFIM501A	Manage budgets and financial plans	Nil	5
BSBHRM402A	Recruit, select and induct staff	Nil	4
BSBINN502A	Build and sustain an innovative work environment	Nil	5
BSBINM401A	Implement workplace information system	Nil	4
BSBINM501A	Manage an information or knowledge management system	Nil	5
BSBITU101A	Operate a personal computer	Nil	1
BSBITU102A	Develop keyboard skills	Nil	1
BSBMGT403A	Implement continuous improvement	Nil	4

<b>Code</b>	<b>Title</b>	<b>Pre-requisite</b>	<b>AQF</b>
BSBMGT502B	Manage people performance	Nil	5
BSBMGT515A	Manage operational plan	Nil	5
BSBMGT516B	Facilitate continuous improvement	Nil	5
BSBMGT605B	Provide leadership across the organisation	Nil	6
BSBMGT616A	Develop and implement strategic plans	Nil	6
BSBMGT617A	Develop and implement a business plan	Nil	6
BSBMKG513A	Promote products and services to international markets	Nil	5
BSBOHS407A	Monitor a safe workplace	Nil	4
BSBOHS509A	Ensure a safe workplace	Nil	5
BSBPMG604A	Direct cost management of a project program	Nil	6
BSBPMG606A	Direct human resources management of a project program	Nil	6
BSBPMG609A	Direct procurement and contracting for a project program	Nil	6
BSBPMG503A	Manage project time	Nil	5
BSBPMG504A	Manage project costs	Nil	5
BSBPMG506A	Manage project human resources	Nil	5
BSBPMG507A	Manage project communications	Nil	5
BSBPMG509A	Manage project procurement	Nil	5
BSBPMG510A	Manage projects	Nil	5
BSBPUR301B	Purchase goods and services	Nil	3
BSBREL401A	Establish business networks	Nil	4
BSBRKG304B	Maintain business records	Nil	3

Code	Title	Pre-requisite	AQF
BSBRK401A	Identify risk and apply risk management processes	Nil	4
BSBRK501A	Manage risk	Nil	5
BSBSUS501A	Develop workplace policy and procedures for sustainability	Nil	5
BSBWOR501A	Manage personal work priorities and professional development	Nil	5
BSBWOR301A	Organise personal work priorities and development	Nil	3
BSBWOR402A	Promote team effectiveness	Nil	4
BSBWOR502A	Ensure team effectiveness	Nil	5
BSBWRK509A	Manage industrial relations	Nil	5

### **CPC08 Construction, Plumbing and Services Integrated Framework**

CPCCLDG3001A	Licence to perform dogging	Nil	N/A
CPCCLRG3001A	Licence to perform rigging basic level	Nil	N/A
CPCCLRG3002A	Licence to perform rigging intermediate level	CPCCLRG3001A	N/A
CPCCLRG4001A	Licence to perform rigging advanced level	CPCCLRG3002A	N/A
CPCCOHS1001A	Work safely in the construction industry	Nil	1
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry	Nil	2
CPCCCM1006A	Work safely at heights	CPCCOHS2001A	1
CPCCCM2007A	Use explosive power tools	CPCCOHS2001A	2
CPCCCM2008A	Erect and dismantle restricted height scaffolding	CPCCOHS2001A	2
CPCCCM3003A	Work safely around power sources, services and assets	CPCCOHS2001A	3

Code	Title	Pre-requisite	AQF
CPCCCM3001A	Operate elevating work platforms	CPCCCM1006A CPCCOHS2001A	3
CPCCSF2003A	Cut & bend materials using oxy/LPG equipment	CPCCOHS2001A	2
CPCCSF2004A	Place and fix reinforcement materials	CPCCOHS2001A	2
CPCCCO2004A	Carry out concrete work	CPCCOHS2001A	2
CPCCCO3014A	Conduct concrete agitator truck operations	CPCCOHS1001A	3
CPCCPD3010A	Apply protective paint coating systems	CPCCOHS2001A	3
CPCCCA2003A	Erect and dismantle formwork for footings and slabs on ground	CPCCOHS2001A	2

#### **FDF03 Food Processing Industry Training Package**

FDFCORQFS3A	Monitor the implementation of quality and food safety programs	Nil	0
-------------	--	-----	---

#### **FPI05 Forest and Forest Products Training Package**

FPICOT3226A	Shift forestry logs using trucks	Nil	3
-------------	----------------------------------	-----	---

#### **HLT07 Health Training Package**

HLTAMBPD401B	Manage personal stressors in the work environment	Nil	4
HLTFA301B	Apply first aid	Nil	3
HLTFA402B	Apply advanced first aid	HLTFA301B	4
HLTFA201A	Provide basic emergency life support	Nil	2

#### **MSA07 Manufacturing Training Package**

MSACMT280A	Undertake root cause analysis	Nil	2
------------	-------------------------------	-----	---

#### **MEM05 Metal and Engineering Training Package**

MEM18001C	Use hand tools	Nil	1
MEM24001B	Perform basic penetrant testing	MEM24012C	2

Code	Title	Pre-requisite	AQF
		MEM18001C	
MEM24003B	Perform basic magnetic particle testing	MEM24012C	2
MEM24012C	Apply metallurgy principles	Nil	2

#### PMC04 Manufactured Mineral Products Training Package

PMCOPS261B	Deliver concrete to site	Nil	2
------------	--------------------------	-----	---

#### NWP07 Water Training Package

NWP227B	Control vegetation on a site	Nil	2
---------	------------------------------	-----	---

#### PRM04 Asset Maintenance Training Package

PRMWM11B	Respond to waste emergency	Nil	1
PRMWM15B	Move waste using load shifting equipment	Nil	1
PRMWM44B	Identify wastes and hazards	Nil	4

#### PSP04 Public Sector Training Package

PSPGOV404B	Develop and implement work unit plans	Nil	4
PSPGOV406B	Gather and analyse information	Nil	4
PSPGOV413A	Compose complex workplace documents	Nil	4
PSPGOV421A	Exercise delegations	Nil	4
PSPGOV503B	Coordinate resource allocation and usage	Nil	5
PSPGOV504B	Undertake research and analysis	Nil	5
PSPGOV506A	Support workplace coaching and mentoring	Nil	5
PSPGOV511A	Provide leadership	Nil	5
PSPGOV512A	Use complex workplace communication strategies	Nil	5
PSPGOV513A	Refine complex workplace documents	Nil	5
PSPGOV515A	Develop and use political nous	Nil	5

<b>Code</b>	<b>Title</b>	<b>Pre-requisite</b>	<b>AQF</b>
PSPGOV516A	Develop and use emotional intelligence	Nil	5
PSPGOV518A	Benchmark performance	Nil	5
PSPGOV519A	Manage performance	Nil	5
PSPGOV524A	Interpret data and related statistics	Nil	5
PSPGOV602B	Establish and maintain strategic networks	Nil	6
PSPGOV604A	Foster leadership and innovation	Nil	6
PSPGOV605A	Persuade and influence opinion	Nil	6
PSPGOV606A	Prepare high-level/sensitive written materials	Nil	6
PSPHR620A	Manage organisational development	Nil	6
PSPMNGT602B	Manage resources	Nil	6
PSPMNGT608B	Manage risk	Nil	6
PSPMNGT610A	Manage public sector financial resources	Nil	6
PSPMNGT613A	Develop partnering arrangements	Nil	6
PSPMNGT615A	Influence workforce effectiveness	Nil	6
PSPMNGT701B	Provide strategic direction	Nil	7
PSPPM401B	Design simple projects	Nil	4
PSPPM402B	Manage simple projects	Nil	4
PSPPM403B	Close simple projects	Nil	4
PSPPM504A	Carry out complex project activities	Nil	5
PSPPOL602A	Provide policy advice	Nil	6
PSPPOL603A	Manage policy implementation	Nil	6
PSPPOL404A	Support policy implementation	Nil	4
PSPPROC303A	Carry out basic procurement	Nil	3

<b>Code</b>	<b>Title</b>	<b>Pre-requisite</b>	<b>AQF</b>
PSPPROC405C	Dispose of assets	Nil	4
PSPPROC411A	Plan procurement	Nil	4
PSPPROC412A	Develop and distribute requests for offers	Nil	
PSPPROC413A	Select providers and develop contracts	Nil	4
PSPPROC414A	Manage contracts	Nil	4
PSPPROC506A	Plan to manage a contract	Nil	4
PSPPROC503B	Manage contract performance	Nil	5
PSPPROC504B	Finalise contracts	Nil	5
PSPPROC607A	Manage strategic contracts	Nil	5
PSPPROC603C	Divest strategic assets	Nil	6
PSPPROC604B	Plan for strategic procurement	Nil	6
PSPPROC605B	Coordinate strategic procurement	Nil	6
PSPPROC606B	Negotiate strategic procurement	Nil	6
PSPPROC704A	Influence and define strategic procurement direction	Nil	6
PSPPROC705A	Establish the strategic procurement context	Nil	7

### **PUA00 Public Safety Training Package**

PUACOM007B	Liaise with other organisations	PUACOM005B	0
PUACOM005B	Foster a positive organisational image in the community (fire specific)	PUATEA004C	0
PUATEA004C	Work effectively in a public safety organisation (fire specific)	PUAFIR201B Prevent Injury (Fire Specific)	0
PUAFIR201B	Prevent injury (fire specific)	Nil	2
PUADEFM008B	Provide technical advice	Nil	0

Code	Title	Pre-requisite	AQF
PUAOPE001B	Supervise response	PUAFIR302B or PUAFIR303B	0
PUAFIR302B	Suppress urban fire	PUAFIR203B, PUAEME002C	3
PUAFIR303B	Suppress wildfire (fire specific)	PUAFIR204B	3
PUAFIR203B	Respond to urban fire	PUAFIR201B, PUAFIR207B	2
PUAEME002C	Manage injuries at emergency incident	PUAEME001B	0
PUAFIR207B	Operate breathing apparatus open circuit	PUAFIR201B	2
PUAEME001B	Provide emergency care	PUAFIR201B	0

### RII09 Resources and Infrastructure Training Package

RIICCM201A	Carry out measurements and calculations	Nil	2
RIICCM203A	Read and interpret plans and specifications	Nil	2
RIICCM205A	Carry out manual excavation	Nil	2
RIICCM207A	Spread and compact materials manually	Nil	2
RIICCM208A	Carry out basic leveling	Nil	2
RIIHAN212A	Conduct non-slewing crane operations	Nil	2
RIIOHS205A	Control traffic with a stop-slow bat	Nil	2
RIIOHS204A	Work safely at heights	Nil	2
RIIOHS302A	Implement traffic management plan	Nil	3
RIIMPO319A	Conduct backhoe/loader operations	Nil	3
RIIMPO320A	Conduct civil construction excavator operations	Nil	3
RIIMPO321A	Conduct civil construction wheel loader operations	Nil	3
RIIMPO322A	Conduct civil construction tracked front end	Nil	3



Code	Title	Pre-requisite	AQF
	loader operations		
RIIMPO318A	Conduct skid steer loader operations	Nil	3
RIIOHS202A	Enter and work in confined spaces	Nil	2
RIIHAN301A	Operate elevating work platform	Nil	3

### **SIR07 Retail Services Training Package**

SIRPDIS002A	Deliver prescription medicines to customers outside the pharmacy	Nil	0
-------------	--	-----	---

### **SIT07 Tourism Hospitality and Events**

SITXCOM003A	Deal with conflict situations	Nil	0
SITXFIN004A	Manage finances within a budget	Nil	0
SITXEVT018A	Develop a transport strategy for an event	Nil	0
SITXFSA001A	Implement food safety procedures	SITXOHS002A	0
SITXOHS002A	Follow workplace hygiene procedures	Nil	0

### **TAE10 Training and Education Training Package**

TAEASS402A	Assess competence	Nil	4
TAEDEL301A	Provide work skill instruction	Nil	4
TAEASS401A	Plan assessment activities and processes	Nil	3
TAEDEL402A	Plan, organise and facilitate learning in the workplace	Nil	4
TAEDES401A	Design and develop learning programs	Nil	4

### **UET09 Electricity Supply Industry Transmission, Distribution and Rail Sector Training Package**

UETTDRRF02A	Perform pole top rescue	Nil	0
-------------	-------------------------	-----	---

### **UEG06 Gas Industry Training Package**

UEGNSG601A	Assess the operational capability of gas safety equipment on tankers	Nil	6
------------	--	-----	---

Code	Title	Pre-requisite	AQF
UEGNSG603A	Load, unload and exchange gas cylinders	Nil	6

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.

#### Table 4: Mapping of TLI10 (Version 1.1) Units of Competency to TLI07 (Version 4.1) Units of Competency

This table shows the relationship between units of competency in the TLI10 (Version 1.1) Training Package and units of competency in the TLI07 (Version 4.1) where changes have occurred. Units of competency that were in the TLI07 (Version 4.1) Training Package and have now been deleted are shown in Table 5.

Legend: E =Equivalent N = Not Equivalent

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
<b>A Handling Cargo/Stock</b>					
TLIA1001A	Secure cargo	TLIA107C	Secure cargo	Unit code updated to meet policy requirements	E
TLIA3002A	Maintain container/cargo records	TLIA207C	Maintain container/cargo records	Unit code updated to meet policy requirements	E
TLIA2003A	Connect and disconnect reefer units	TLIA307C	Connect and disconnect reefer units	Unit code updated to meet policy requirements	E
TLIA3004A	Process receipt and delivery of containers and cargo	TLIA407C	Process receipt and delivery of containers and cargo	Unit code updated to meet policy	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				requirements	
TLIA4005A	Check and evaluate records and documentation	TLIA507C	Check and evaluate records and documentation	Unit code updated to meet policy requirements	E
TLIA4006A	Organise and monitor terminal/wharf operations	TLIA607C	Organise and monitor terminal/wharf operations	Unit code updated to meet policy requirements	E
TLIA3008A	Transfer cargo	TLIA807C	Transfer cargo	Unit code updated to meet policy requirements	E
TLIA2009A	Complete and check import/export documentation	TLIA907E	Complete and check import/export documentation	Unit code updated to meet policy requirements	E
TLIA3010A	Coordinate goods to bond premises	TLIA1007C	Coordinate goods to bond premises	Unit code updated to meet policy requirements	E
TLIA2011A	Package goods	TLIA1107C	Package goods	Unit code updated to meet policy requirements	E
TLIA2012A	Pick and process orders	TLIA1207C	Pick and process orders	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIA2013A	Receive goods	TLIA1307C	Receive goods	Unit code updated to meet policy requirements	E
TLIA2014A	Use product knowledge to complete work operations	TLIA1407C	Use product knowledge to complete work operations	Unit code updated to meet policy requirements	E
TLIA3015A	Complete receipt/despatch documentation	TLIA1507C	Complete receipt/despatch documentation	Unit code updated to meet policy requirements	E
TLIA3016A	Use inventory systems to organise stock control	TLIA1607C	Use inventory systems to organise stock control	Unit code updated to meet policy requirements	E
TLIA3017A	Identify products and store to specifications	TLIA1707C	Apply product knowledge to organise work operations	Unit code and title updated to meet policy requirements	E
TLIA3018A	Organise despatch operations	TLIA1807C	Organise despatch operations	Unit code updated to meet policy requirements	E
TLIA3019A	Organise receipt operations	TLIA1907C	Organise receipt operations	Unit code updated to meet policy requirements	E
TLIA2020A	Replenish stock	TLIA2007C	Replenish stock	Unit code updated to	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				meet policy requirements	
TLIA2021A	Despatch stock	TLIA2107C	Despatch stock	Unit code updated to meet policy requirements	E
TLIA2022A	Participate in stocktakes	TLIA2207C	Participate in stocktakes	Unit code updated to meet policy requirements	E
TLIA3023A	Coordinate stocktakes	TLIA2307C	Coordinate stocktakes	Unit code updated to meet policy requirements	E
TLIA3024A	Organise warehouse records operations	TLIA2407C	Organise warehouse records operations	Unit code updated to meet policy requirements	E
TLIA4025A	Regulate temperature controlled stock	TLIA2507D	Regulate temperature controlled stock	Unit code updated to meet policy requirements	E
TLIA3026A	Monitor storage facilities	TLIA2607C	Monitor storage facilities	Unit code updated to meet policy requirements	E
TLIA4028A	Assess and monitor optimum stock levels	TLIA2807C	Assess and monitor optimum stock levels	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIA5029A	Plan and manage storage of dangerous goods and hazardous substances	TLIA2907D	Plan and manage storage of dangerous goods and hazardous substances	Unit code updated to meet policy requirements	E
TLIA4030A	Organise cargo for export	TLIA3007C	Organise cargo for export	Unit code updated to meet policy requirements	E
TLIA4031A	Consolidate freight	TLIA3107C	Consolidate freight	Unit code updated to meet policy requirements	E
TLIA4032A	Organise transport of freight or goods	TLIA3207C	Organise transport of freight or goods	Unit code updated to meet policy requirements	E
TLIA4033A	Organise international transport of freight	TLIA3307C	Organise international transport of freight	Unit code updated to meet policy requirements	E
TLIA5035A	Manage international freight transfer	TLIA3507B	Manage international freight transfer	Unit code updated to meet policy requirements	E
TLIA3038A	Control and order stock	TLIA3807B	Control and order stock	Unit code updated to meet policy requirements	E
TLIA3039A	Receive and store stock	TLIA3907B	Receive and store stock	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				requirements	
TLIA4040A	Implement and monitor stevedoring regulations	TLIA4007B	Implement and monitor stevedoring regulations	Unit code updated to meet policy requirements	E
TLIA2041A	Manually sort mail and parcels	TLIA4107B	Manually sort mail and parcels	Unit code updated to meet policy requirements	E
TLIA2042A	Despatch mail	TLIA4207B	Despatch mail	Unit code updated to meet policy requirements	E
TLIA2043A	Consolidate mail	TLIA4307B	Consolidate mail	Unit code updated to meet policy requirements	E
TLIA2044A	Carry out delivery operations	TLIA4407B	Carry out delivery operations	Unit code updated to meet policy requirements	E
TLIA2045A	Process international parcels and letters	TLIA4507B	Process international parcels and letters	Unit code updated to meet policy requirements	E
TLIA2046A	Process parcels and letters	TLIA4607B	Process parcels and letters	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIA2047A	Stream mail	TLIA4707B	Stream mail	Unit code updated to meet policy requirements	E
TLIA2048A	Carry out border clearance functions	TLIA4807C	Carry out border clearance functions	Unit code updated to meet policy requirements	E
TLIA2049A	Apply specialist permit requirements as part of customs broking activities	TLIA4907C	Apply specialist permit requirements as part of customs broking activities	Unit code updated to meet policy requirements	E
TLIA3050A	Apply GST legislation as part of customs broking activities	TLIA5007C	Apply GST legislation as part of customs broking activities	Unit code updated to meet policy requirements	E
TLIA4051A	Carry out quarantine procedures	TLIA5107C	Carry out quarantine procedures	Unit code updated to meet policy requirements	E
TLIA4052A	Carry out customs clearance practices	TLIA5207C	Carry out customs clearance practices	Unit code updated to meet policy requirements	E
TLIA3053A	Carry out customs valuation	TLIA5307C	Carry out customs valuation	Unit code updated to meet policy requirements	E
TLIA3054A	Classify commodities for the import and export of goods	TLIA5407C	Classify commodities for the import and export of goods	Unit code updated to meet policy requirements	E



TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	through customs		through customs	requirements	
TLIA4055A	Classify complex commodities for the import and export of goods through customs	TLIA5507C	Classify complex commodities for the import and export of goods through customs	Unit code updated to meet policy requirements	E
TLIA4056A	Carry out complex customs valuation	TLIA5607C	Carry out complex customs valuation	Unit code updated to meet policy requirements	E
TLIA4057A	Analyse, advise on and carry out integrated border clearance transactions	TLIA5707C	Analyse, advise on and carry out integrated border clearance transactions	Unit code updated to meet policy requirements	E
TLIA5058A	Manage facility and inventory requirements	TLIA5807A	Manage facility and inventory requirements	Unit code updated to meet policy requirements	E
TLIA4062A	Implement safety stock systems	TLIF6707A	Implement safety stock systems	Unit moved to A field	E
TLIA4063A	Coordinate stevedoring clerical functions	TLIA707C	Coordinate stevedoring clerical functions	Unit code updated to meet policy requirements	E
<b>B Equipment Checking and Maintenance</b>					
TLIB1001A	Check and assess operational capabilities of equipment	TLIB107C	Check and assess operational capabilities of equipment	Unit code updated to meet policy requirements	E
TLIB3002A	Test equipment and	TLIB207C	Test equipment and	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	isolate faults		isolate faults	updated to meet policy requirements	
TLIB2003A	Carry out vehicle servicing and maintenance	TLIB307C	Carry out vehicle servicing and maintenance	Unit code updated to meet policy requirements	E
TLIB2004A	Carry out vehicle inspection	TLIB407C	Carry out vehicle inspection	Unit code updated to meet policy requirements	E
TLIB3005A	Carry out maintenance of vehicles designed to carry special loads	TLIB507C	Carry out maintenance of vehicles designed to carry special loads	Unit code updated to meet policy requirements	E
TLIB3006A	Carry out inspection of vehicles designed to carry special loads	TLIB607C	Carry out inspection of vehicles designed to carry special loads	Unit code updated to meet policy requirements	E
TLIB2008A	Carry out inspection of trailers	TLIB807C	Carry out inspection of trailers	Unit code updated to meet policy requirements	E
TLIB2009A	Check conveyor operational status	TLIB907C	Check conveyor operational status	Unit code updated to meet policy requirements	E
TLIB5010A	Plan and implement maintenance schedules	TLIB1007C	Plan and implement maintenance schedules	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLIB3011A	Set up and rig crane for lift	TLIB1107C	Set up and rig crane for lift	Unit updated to meet industry needs	E
TLIB3012A	Plan job and set up work areas	TLIB1207C	Plan job and set up work areas	Unit code updated to meet policy requirements	E
TLIB3013A	Maintain mobile cranes	TLIB1307C	Maintain mobile cranes	Unit code updated to meet policy requirements	E
TLIB3014A	Load and unload wheeled or tracked crane	TLIB1407C	Load and unload wheeled or tracked crane	Unit code updated to meet policy requirements	E
TLIB3015A	Undertake site inspection	TLIB1507C	Undertake site inspection	Unit code updated to meet policy requirements	E
TLIB3016A	De-rig, pack and store tools and equipment	TLIB1607C	De-rig, pack and store tools and equipment	Unit code updated to meet policy requirements	E
TLIB3017A	Assemble and dismantle boom or jib	TLIB1707C	Assemble and dismantle boom or jib	Unit code updated to meet policy requirements	E
TLIB3018A	Conduct full train	TLIB1807B	Conduct full train	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	examination		examination	updated to meet policy requirements	
TLIB3019A	Test train braking system	TLIB1907B	Test train braking system	Unit code updated to meet policy requirements. Revisions to elements performance criteria and required knowledge and skills	N
TLIB3020A	Visually inspect stationary train	TLIB2007B	Visually inspect stationary train	Unit code updated to meet policy requirements. Minor changes to elements. Items removed from required skills and knowledge	E
TLIB3021A	Conduct train roll-by inspection	TLIB2107B	Conduct train roll-by inspection	Unit code updated to meet policy requirements. Revisions to elements performance criteria and required knowledge	N

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				and skills	
TLIB2022A	Diagnose and rectify minor faults	TLIB2207B	Diagnose and rectify minor faults	Unit code updated to meet policy requirements	E
TLIB2023A	Provide sanitation and water services support to passenger transportation units	TLIB2307B	Provide sanitation and water services support to passenger transportation units	Unit code updated to meet policy requirements	E
TLIB1024A	Clean transportation units and facilities for passenger use	TLIB2407B	Clean transportation units and facilities for passenger use	Unit code updated to meet policy requirements	E
TLIB3026A	Prepare for train operation	TLIB2607B	Prepare for train operation	Unit code updated to meet policy requirements. Revisions to elements performance criteria and required knowledge and skills	N
TLIB3027A	Set up and shut down on-train remote control system	TLIB2707B	Set up and shut down on-train remote control system	Unit code updated to meet policy requirements. Minor changes to elements. Items removed from required	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				skills and knowledge	
TLIB1028A	Maintain and use hand tools	TLIB2807B	Maintain and use hand tools	Unit code updated to meet policy requirements	E
TLIB2029A	Use and maintain minor mechanical equipment	TLIB2907B	Use and maintain minor mechanical equipment	Unit code updated to meet policy requirements	E
TLIB1030A	Undertake general site maintenance	TLIB3007B	Undertake general site maintenance	Unit code updated to meet policy requirements	E
TLIB1031A	Clean up plant, equipment and worksite	TLIB3107B	Clean up plant, equipment and worksite	Unit code updated to meet policy requirements	E
TLIB2034A	Maintain poles and associated hardware	TLIB3407B	Maintain poles and associated hardware	Unit code updated to meet policy requirements	E
TLIB3040A	Inspect poles and associated hardware	TLIB4007B	Inspect poles and associated hardware	Unit code updated to meet policy requirements	E
TLIB4042A	Conduct inspection of safeworking procedures and infrastructure	TLIB4207B	Conduct inspection of safeworking procedures and infrastructure	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIB3046A	Service and clean mechanical signalling equipment and infrastructure	TLIB4607B	Service and clean mechanical signalling equipment and infrastructure	Unit code updated to meet policy requirements. Minor changes to elements. Items removed from required skills and knowledge	E
TLIB3047A	Repair and adjust mechanical signalling equipment and infrastructure	TLIB4707B	Repair and adjust mechanical signalling equipment and infrastructure	Unit code updated to meet policy requirements. Minor changes to elements. Items removed from required skills and knowledge	E
TLIB3048A	Carry out off-site repair, overhaul and assembly of mechanical signalling equipment	TLIB4807B	Carry out off-site repair, overhaul and assembly of mechanical signalling equipment	Unit code updated to meet policy requirements. Minor changes to elements. Items removed from required skills and knowledge	E
TLIB3053A	Maintain mechanical signalling locking and	TLIB5307B	Maintain mechanical signalling locking and	Unit code updated to	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	interlocking devices		interlocking devices	meet policy requirements	
TLIB3058A	Maintain aerial signal/telecommunications lines and cables	TLIB5807B	Maintain aerial signal/telecommunications lines and cables	Unit code updated to meet policy requirements	E
TLIB4071A	Install and maintain pole mounted switches and transformers	TLIB7107B	Install and maintain pole mounted switches and transformers	Unit code updated to meet policy requirements	E
TLIB2073A	Clean road tankers	TLIB7307B	Clean road tankers	Unit code updated to meet policy requirements	E
TLIB3075A	Inspect and prepare a motive power unit	TLIB7507A	Inspect and prepare a motive power unit	Unit code updated to meet policy requirements	E
TLIB4076A	Inspect and prepare a heritage motive power unit	TLIB7607A	Inspect and prepare a heritage motive power unit	Unit code updated to meet policy requirements	E
TLIB4077A	Inspect and prepare a heritage steam locomotive	TLIB7707A	Inspect and prepare a heritage steam locomotive	Unit code updated to meet policy requirements	E
TLIB3078A	Inspect, prepare and start an electric tram	TLIB7807A	Inspect, prepare and start an electric tram	Unit code updated to meet policy requirements	E



TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIB2079A	Set up and secure a towing situation	TLIB7907A	Set up and secure a towing situation	Unit code updated to meet policy requirements	E
TLIB1080A	Use, clean and maintain towing equipment	TLIB8007A	Use, clean and maintain towing equipment	Unit code updated to meet policy requirements	E
TLIB2081A	Repair timber structures	TLIB8109A	Repair timber structures	Unit code updated to meet policy requirements	E
TLIB2082A	Repair steel structures	TLIB8209A	Repair steel structures	Unit code updated to meet policy requirements	E
TLIB2083A	Maintain bridge bearings	TLIB8309A	Maintain bridge bearings	Unit code updated to meet policy requirements	E
TLIB2084A	Carry out routine maintenance of structures	TLIB8409A	Carry out routine maintenance of structures	Unit code updated to meet policy requirements	E
TLIB2085A	Apply track fundamentals	TLIB8509A	Apply track fundamentals	Unit code updated to meet policy requirements	E
TLIB2086A	Apply awareness of structures	TLIB8609A	Apply awareness of structures	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	fundamentals		fundamentals	requirements	
TLIB3087A	Examine timber structures	TLIB8709A	Examine timber structures	Unit code updated to meet policy requirements	E
TLIB3088A	Examine steel structures	TLIB8809A	Examine steel structures	Unit code updated to meet policy requirements	E
TLIB2090A	Use communication systems in a taxicab	TLIB9009A	Use communication systems in a taxicab	Unit code updated to meet policy requirements	E
TLIB2091A	Measure and record track geometry	TLIB9109A	Measure and record track geometry	Unit code updated to meet policy requirements	E
TLIB2092A	Operate minor mechanical equipment	TLIB9209A	Operate minor mechanical equipment	Unit code updated to meet policy requirements	E
TLIB1093A	Clean equipment and restore worksite	TLIB9309A	Clean equipment and restore worksite	Unit code updated to meet policy requirements	E
TLIB3094A	Check and repair track geometry	TLIB9409A	Check and repair track geometry	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIB3095A	Check and repair points and crossings	TLIB9509A	Check and repair points and crossings	Unit code updated to meet policy requirements	E
TLIB2096A	Repair concrete/masonry structures	TLIB9609A	Repair concrete/masonry structures	Unit code updated to meet policy requirements	E
TLIB2097A	Install and maintain guard rails	TLIB9709A	Install and maintain guard rails	Unit code updated to meet policy requirements	E
TLIB3098A	Examine concrete/masonry structures	TLIB9809A	Examine concrete/masonry structures	Unit code updated to meet policy requirements	E
TLIB3099A	Examine track infrastructure	TLIB9909A	Examine track infrastructure	Unit code updated to meet policy requirements	E
TLIB3100A	Visually inspect track infrastructure	TLIB10009A	Visually inspect track infrastructure	Unit code updated to meet policy requirements	E
TLIB2101A	Install and maintain rail joints	TLIB10109A	Install and maintain rail joints	Unit code updated to meet policy requirements	E
TLIB3102A	Adjust rail	TLIB10209A	Adjust rail	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				requirements	
TLIB3103A	Install and maintain mechanical signalling locking and interlocking devices			New unit	
TLIB2104A	Identify, diagnose and rectify faults on electric passenger trains			New unit	
TLIB3105A	Prepare electric passenger train			New unit	
TLIB3108A	Test operation of electric passenger train braking system			New unit	
TLIB2111A	Assist with testing train braking system on electric passenger train			New unit	
TLIB3112A	Prepare electric passenger train as part of guard duties			New unit	
TLIB3113A	Diagnose and rectify minor faults on motive power units and rolling stock			New unit	
TLIB2119A	Carry out maintenance of trailers	TLIB707C	Carry out maintenance of trailers	Unit code updated to meet policy requirements	E
TLIB3120A	Test mechanical signalling equipment and isolate faults			New Unit	
<b>C Vehicle Operation</b>					

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIC2002A	Drive light rigid vehicle	TLIC207C	Drive light rigid vehicle	Unit code updated to meet policy requirements	E
TLIC3003A	Drive medium rigid vehicle	TLIC307C	Drive medium rigid vehicle	Unit code updated to meet policy requirements	E
TLIC3004A	Drive heavy rigid vehicle	TLIC407D	Drive heavy rigid vehicle	Unit code updated to meet policy requirements	E
TLIC3005A	Drive heavy combination vehicle	TLIC507D	Drive heavy combination vehicle	Unit code updated to meet policy requirements	E
TLIC4006A	Drive multi-combination vehicle	TLIC607C	Drive multi-combination vehicle	Unit code updated to meet policy requirements	E
TLIC2009A	Drive taxicab	TLIC907C	Drive taxicab	Unit code updated to meet policy requirements	E
TLIC3010A	Pilot or escort oversized and/or overmassed loads	TLIC1007C	Pilot or escort oversized and/or overmassed loads	Unit code updated to meet policy requirements	E
TLIC3011A	Transport passengers with disabilities	TLIC1107C	Transport passengers with disabilities	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				requirements	
TLIC2012A	Ride courier/delivery motorcycle	TLIC1207C	Ride courier/delivery motorcycle	Unit code updated to meet policy requirements	E
TLIC1013A	Ride courier/delivery bicycle	TLIC1307C	Ride courier/delivery bicycle	Unit code updated to meet policy requirements	E
TLIC4016A	Conduct marshalling operations	TLIC1607B	Conduct marshalling operations	Unit code updated to meet policy requirements	E
TLIC3017A	Shunt rolling stock	TLIC1707B	Shunt rolling stock	Unit code updated to meet policy requirements	E
TLIC3018A	Operate on-train remote control system	TLIC1807B	Operate on-train remote control system	Unit code updated to meet policy requirements	E
TLIC4019A	Drive train to operational requirements	TLIC1907B	Drive train to operational requirements	Unit code updated to meet policy requirements. Minor changes to elements. Items removed from required skills and	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				knowledge	
TLIC4023A	Operate train with due consideration of route conditions	TLIC2307B	Operate train with due consideration of route conditions	Unit code updated to meet policy requirements. Minor changes to elements. Items removed from required skills and knowledge	E
TLIC4024A	Operate urban passenger train	TLIC2407B	Operate urban passenger train	Unit code updated to meet policy requirements	E
TLIC2025A	Operate four wheel drive vehicle	TLIC2507B	Operate four wheel drive vehicle	Unit code updated to meet policy requirements	E
TLIC4026A	Operate and monitor a motive power unit	TLIC2607A	Operate and monitor a motive power unit	Unit code updated to meet policy requirements. Minor changes to elements. Items removed from required skills and knowledge	E
TLIC3027A	Stable a motive power unit	TLIC2707A	Stable a motive power unit	Unit code updated to meet policy	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				requirements. Minor changes to elements. Items removed from required skills and knowledge	
TLIC3028A	Operate and monitor a heritage motive power unit	TLIC2807A	Operate and monitor a heritage motive power unit	Unit code updated to meet policy requirements	E
TLIC3029A	Stable a heritage motive power unit	TLIC2907A	Stable a heritage motive power unit	Unit code updated to meet policy requirements	E
TLIC3030A	Operate and monitor a heritage steam locomotive	TLIC3007A	Operate and monitor a heritage steam locomotive	Unit code updated to meet policy requirements	E
TLIC3031A	Stable a heritage steam locomotive	TLIC3107A	Stable a heritage steam locomotive	Unit code updated to meet policy requirements	E
TLIC3032A	Operate and monitor a passenger electric tram	TLIC3207A	Operate and monitor a passenger electric tram	Unit code updated to meet policy requirements	E
TLIC3033A	Drive an electric tram to operational requirements	TLIC3307A	Drive an electric tram to operational requirements	Unit code updated to meet policy requirements	E



TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLIC3034A	Berth and shut down an electric tram	TLIC3407A	Berth and shut down an electric tram	Unit code updated to meet policy requirements	E
TLIC3035A	Manage the operation of a tow truck	TLIC3507A	Manage the operation of a tow truck	Unit code updated to meet policy requirements	E
TLIC3036A	Apply safe car driving behaviours	TLIC3607B	Apply safe car driving behaviours	Unit code updated to meet policy requirements	E
TLIC3037A	Apply safe heavy vehicle driving behaviours	TLIC3708A	Apply safe heavy vehicle driving behaviours	Unit code updated to meet policy requirements	E
TLIC3038A	Apply safe motorcycle riding behaviours	TLIC3808A	Apply safe motorcycle riding behaviours	Unit code updated to meet policy requirements	E
TLIC3039A	Operate and monitor a monorail train	TLIC3909A	Operate and monitor a monorail train	Unit code updated to meet policy requirements	E
TLIC2040A	Provide wheelchair accessible taxi services to passengers with disabilities	TLIC4009A	Provide wheelchair accessible taxi services to passengers with disabilities	Unit code updated to meet policy requirements	E
TLIC2041A	Operate self-propelled	TLIC4109A	Operate self-propelled	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	equipment on track		equipment on track	updated to meet policy requirements	
TLIC3042A	Operate coach/bus	TLIC4209A	Operate coach/bus	Unit code updated to meet policy requirements	E
TLIC3044A	Operate motive power unit by radio remote control			New unit	
TLIC3045A	Operate road/rail vehicle			New unit	
TLIC3046A	Drive and operate electric passenger train			New unit	
TLIC3047A	Stable electric passenger train			New unit	
TLIC3048A	Shunt, couple and uncouple electric passenger trains			New unit	
TLIC2049A	Operate heavy vehicle on unsealed roads			New unit Unit written to reflect current needs in the industry	
TLIC2050A	Operate a terminal tractor			New unit Unit written to reflect current needs in the industry	
TLIC1051A	Operate commercial			New unit	

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	vehicle			Unit written to reflect current needs in the industry	
TLIC3052A	Assist with shunting, coupling and uncoupling electric passenger trains			New unit	
TLIC2053A	Escort rail train to worksite within occupancy/possession limits			New unit	
TLIC2054A	Access rail track to run track vehicle within defined worksite			New unit	
TLIC3055A	Access rail track to travel track vehicle under occupancy authority			New unit	
TLIC3056A	Access rail track to travel track vehicle/s under block working conditions			New unit	
TLIC3057A	Perform guard duties as part of electric passenger train operations			New unit	
TLIC3063A	Operate vehicle carrying special loads	TLIC707C	Operate vehicle carrying special loads	Unit code updated to meet policy requirements	E
<b>D Load Handling</b>					
TLID1001A	Shift materials safely	TLID107C	Shift materials safely	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	using manual handling methods		using manual handling methods	updated to meet policy requirements	
TLID1002A	Shift a load using manually-operated equipment	TLID207C	Shift a load using manually-operated equipment	Unit code updated to meet policy requirements	E
TLID2003A	Handle dangerous goods/hazardous substances	TLID307E	Handle dangerous goods/hazardous substances	Unit code updated to meet policy requirements	E
TLID2004A	Load and unload goods/cargo	TLID407C	Load and unload goods/cargo	Unit code updated to meet policy requirements	E
TLID4008A	Monitor crane operations	TLID807C	Monitor crane operations	Unit code updated to meet policy requirements	E
TLID4009A	Direct crane operations	TLID907C	Direct crane operations	Unit code updated to meet policy requirements	E
TLID2010A	Operate a forklift	TLID1007C	Operate a forklift	Unit code updated to meet policy requirements	E
TLID3011A	Conduct specialised forklift operations	TLID1107C	Conduct specialised forklift operations	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLID2012A	Operate specialised load shifting equipment	TLID1207C	Operate specialised load shifting equipment	Unit code updated to meet policy requirements	E
TLID2013A	Move materials mechanically using automated equipment	TLID1307C	Move materials mechanically using automated equipment	Unit code updated to meet policy requirements	E
TLID3014A	Load and unload vehicles carrying special loads	TLID1407C	Load and unload vehicles carrying special loads	Unit code updated to meet policy requirements	E
TLID3015A	Identify and label explosives and dangerous goods	TLID1507D	Identify and label explosives and dangerous goods	Unit code updated to meet policy requirements	E
TLID2016A	Load and unload explosives and dangerous goods	TLID1607D	Load and unload explosives and dangerous goods	Unit code updated to meet policy requirements	E
TLID2018A	Handle furniture and effects	TLID1807C	Handle furniture and effects	Unit code updated to meet policy requirements	E
TLID2019A	Pack and unpack cartons during a removal	TLID1907C	Pack and unpack cartons during a removal	Unit code updated to meet policy requirements	E
TLID3020A	Care for livestock in	TLID2007C	Care for livestock in	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	transit		transit	updated to meet policy requirements	
TLID2021A	Use specialised bulk transfer equipment (dry)	TLID2107C	Use specialised bulk transfer equipment (dry)	Unit code updated to meet policy requirements	E
TLID2022A	Conduct weighbridge operations	TLID2207C	Conduct weighbridge operations	Unit code updated to meet policy requirements	E
TLID3023A	Use specialised liquid bulk gas transfer equipment	TLID2307C	Use specialised liquid bulk gas transfer equipment	Unit code updated to meet policy requirements	E
TLID3024A	Use specialised liquid bulk transfer equipment (gravity/pressurised)	TLID2407C	Use specialised liquid bulk transfer equipment (gravity/pressurised)	Unit code updated to meet policy requirements	E
TLID3027A	Prepare for transport of dangerous goods	TLID2707D	Prepare for transport of dangerous goods	Unit code updated to meet policy requirements	E
TLID2029A	Prepare articles for delivery	TLID2907C	Prepare articles for delivery	Unit code updated to meet policy requirements	E
TLID4030A	Supervise mobile crane operations	TLID3007C	Supervise mobile crane operations	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLID3031A	Rig load	TLID3107C	Rig load	Unit code updated to meet policy requirements	E
TLID4032A	Plan and conduct specialised lift	TLID3207C	Plan and conduct specialised lift	Unit code updated to meet policy requirements	E
TLID3033A	Operate a vehicle-mounted loading crane	TLID3307C	Operate a vehicle-mounted loading crane	Unit code updated to meet policy requirements	E
TLID3035A	Operate a boom type elevating work platform	TLID3507C	Operate a boom type elevating work platform	Unit code updated to meet policy requirements	E
TLID3036A	Lift and move load using a mobile crane	TLID3607C	Lift and move load using mobile crane up to and including 20 tonnes	Unit code and title updated to meet policy requirements	E
TLID3040A	Control lift and movement of crane	TLID4007C	Control lift and movement of crane	Unit code updated to meet policy requirements	E
TLID3041A	Undertake cash-in-transit loading and unloading in an unsecured environment	TLID4107C	Undertake cash-in-transit loading and unloading in an unsecured environment	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLID3043A	Shift loads using gantry equipment	TLID4307B	Shift loads using gantry equipment	Unit code updated to meet policy requirements	E
TLID3044A	Shift loads using cranes	TLID4407B	Shift loads using cranes	Unit code updated to meet policy requirements	E
TLID2045A	Operate specialised light load shifting equipment	TLID4507B	Operate specialised light load shifting equipment	Unit code updated to meet policy requirements	E
TLID3046A	Operate container side lifter			New unit Unit written to reflect current needs in the industry	
TLID2047A	Prepare cargo for transfer with slings	TLID2007A	Prepare cargo for transfer with slings	Unit code updated to meet policy requirements	E
<b>E Communication and Calculation</b>					
TLIE2001A	Present routine workplace information	TLIE107C	Present routine workplace information	Unit code updated to meet policy requirements	E
TLIE3002A	Estimate/calculate mass, area and quantify dimensions	TLIE207C	Estimate/calculate mass, area and quantify dimensions	Unit code updated to meet policy requirements	E



TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLIE1003A	Participate in basic workplace communication	TLIE307C	Participate in basic workplace communication	Unit code updated to meet policy requirements	E
TLIE3004A	Prepare workplace documents	TLIE407C	Prepare workplace documents	Unit code updated to meet policy requirements	E
TLIE1005A	Carry out basic workplace calculations	TLIE507C	Carry out basic workplace calculations	Unit code updated to meet policy requirements	E
TLIE4006A	Collect, analyse and present workplace data and information	TLIE607D	Collect, analyse and present workplace data and information	Unit code updated to meet policy requirements	E
TLIE2007A	Use communication systems	TLIE707B	Use communication systems	Unit code updated to meet policy requirements	E
TLIE2008A	Process workplace documentation	TLIE807C	Process workplace documentation	Unit code updated to meet policy requirements	E
TLIE3009A	Use pilot and escort communication	TLIE907C	Use pilot and escort communication	Unit code updated to meet policy requirements	E
TLIE3010A	Estimate furniture	TLIE1007C	Estimate furniture	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	removal jobs		removal jobs	updated to meet policy requirements	
TLIE3012A	Consolidate manifest documentation	TLIE1207C	Consolidate manifest documentation	Unit code updated to meet policy requirements	E
TLIE4013A	Apply workplace statistics	TLIE1307C	Apply workplace statistics	Unit code updated to meet policy requirements	E
TLIE2014A	Compile and process export documentation	TLIE1407C	Compile and process export documentation	Unit code updated to meet policy requirements	E
TLIE3015A	Undertake rigger/dogger and driver communication	TLIE1507C	Undertake rigger/dogger and driver communication	Unit code updated to meet policy requirements	E
TLIE3016A	Estimate/calculate load shifting requirements for a mobile crane	TLIE1607C	Estimate/calculate load shifting requirements for a mobile crane	Unit code updated to meet policy requirements	E
TLIE2017A	Undertake initial removal survey	TLIE1707B	Undertake initial removal survey	Unit code updated to meet policy requirements	E
TLIE3018A	Maintain freight records	TLIE1807B	Maintain freight records	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLIE3019A	Work with travel agencies and sales outlets	TLIE1907B	Work with travel agencies and sales outlets	Unit code updated to meet policy requirements	E
TLIE3021A	Work and communicate effectively with others			New unit	
<b>F Safety Management</b>					
TLIF1001A	Follow occupational health and safety procedures	TLIF107C	Follow occupational health and safety procedures	Unit code updated to meet policy requirements	E
TLIF1002A	Conduct housekeeping activities	TLIF207C	Conduct housekeeping activities	Unit code updated to meet policy requirements	E
TLIF3003A	Implement and monitor occupational health and safety procedures	TLIF307C	Implement and monitor occupational health and safety procedures	Unit code updated to meet policy requirements	E
TLIF3004A	Organise occupational health and safety procedures in the workplace	TLIF407C	Organise occupational health and safety procedures in the workplace	Unit code updated to meet policy requirements	E
TLIF2006A	Apply accident-emergency procedures	TLIF607C	Apply accident-emergency procedures	Unit code updated to meet policy requirements	E
TLIF4007A	Implement and	TLIF707C	Implement and	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	coordinate accident-emergency procedures		coordinate accident-emergency procedures	updated to meet policy requirements	
TLIF1009A	Conduct cleaning operations in enclosed spaces	TLIF907C	Conduct cleaning operations in enclosed spaces	Unit code updated to meet policy requirements	E
TLIF2010A	Apply fatigue management strategies	TLIF1007C	Apply fatigue management strategies	Unit code updated to meet policy requirements	E
TLIF2012A	Apply safe procedures when handling/transporting dangerous goods or explosives	TLIF1207D	Apply safe procedures when handling/transporting dangerous goods or explosives	Unit code updated to meet policy requirements	E
TLIF3013A	Coordinate breakdowns and emergencies	TLIF1307C	Coordinate breakdowns and emergencies	Unit code updated to meet policy requirements	E
TLIF4014A	Develop and maintain a safe workplace	TLIF1407C	Develop and maintain a safe workplace	Unit code updated to meet policy requirements	E
TLIF5017A	Investigate rail safety incidents	TLIF1707B	Investigate rail safety incidents	Unit code updated to meet policy requirements	E
TLIF2018A	Operate firefighting equipment	TLIF1807B	Operate firefighting equipment	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLIF2019A	Ensure a safe on-board passenger and working environment	TLIF1907B	Ensure a safe on-board passenger and working environment	Unit code updated to meet policy requirements	E
TLIF5020A	Manage emergencies	TLIF2007B	Manage emergencies	Unit code updated to meet policy requirements	E
TLIF4021A	Respond to train-driving emergencies and abnormal situations	TLIF2107B	Respond to train-driving emergencies and abnormal situations	Unit code updated to meet policy requirements. Minor changes to elements. Items removed from required skills and knowledge	E
TLIF3022A	Implement/monitor procedures when warehousing/storing dangerous goods and/or hazardous substances	TLIF2207C	Implement/monitor procedures when warehousing/storing dangerous goods and/or hazardous substances	Unit code updated to meet policy requirements	E
TLIF3058A	Apply safeworking rules and regulations to rail functions	TLIF5807B	Apply safeworking rules and regulations to rail functions	Unit code updated to meet policy requirements	E
TLIF3060A	Control traffic as a pilot vehicle operator	TLIF6007A	Control traffic as a pilot vehicle operator	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLIF4061A	Respond to electric tram-driving emergencies and abnormal situations	TLIF6107A	Respond to electric tram-driving emergencies and abnormal situations	Unit code updated to meet policy requirements	E
TLIF2062A	Apply awareness of safeworking rules and regulations	TLIF6207A	Apply awareness of safeworking rules and regulations	Unit code updated to meet policy requirements	E
TLIF3063A	Administer the implementation of fatigue management strategies	TLIF6307A	Administer the implementation of fatigue management strategies	Unit code updated to meet policy requirements	E
TLIF4064A	Manage fatigue management policy and procedures	TLIF6407A	Manage fatigue management policy and procedures	Unit code updated to meet policy requirements	E
TLIF4065A	Ensure compliance with Australian Dangerous Goods Code	TLIF6507B	Ensure compliance with Australian Dangerous Goods Code	Unit code updated to meet policy requirements	E
TLIF4066A	Implement and supervise transport regulations compliance systems	TLIF6607A	Implement and supervise transport regulations compliance systems	Unit code updated to meet policy requirements	E
TLIF2068A	Work at height in the stevedoring industry	TLIF6808A	Work at height in the stevedoring industry	Unit code updated to meet policy requirements	E
TLIF0069A	Monitor and respond	TLIF6909A	Monitor and respond	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	to traffic flow		to traffic flow	updated to meet policy requirements	
TLIF0070A	Operate fire and life safety system within a road tunnel	TLIF7009A	Operate fire and life safety system within a road tunnel	Unit code updated to meet policy requirements	E
TLIF2072A	Comply with safety and security procedures	TLIF7209A	Comply with safety and security procedures	Unit code updated to meet policy requirements	E
TLIF0075A	Demonstrate awareness of interacting with other road users			New unit Unit written to reflect current needs in the industry	
TLIF0076A	Demonstrate awareness of factors to reduce road harm			New unit Unit written to reflect current needs in the industry	
TLIF0077A	Demonstrate knowledge of risk factors and consequences in interacting with other road users			New unit Unit written to reflect current needs in the industry	
TLIF0078A	Recognise motor vehicle road crash risks and post crash			New unit Unit written to reflect	

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	actions			current needs in the industry	
TLIF0079A	Select a safe vehicle			New unit Unit written to reflect current needs in the industry	
TLIF2080A	Safely access the rail corridor			New unit	
TLIF2081A	Perform lookout duties			New unit	
TLIF2082A	Perform handsignaller duties			New unit	
TLIF3083A	Conduct track protection assessment			New unit	
TLIF3084A	Follow mobile crane safety procedures			New unit Unit written to reflect current needs in the industry	
<b>G Teamwork</b>					
TLIG1001A	Work effectively with others	TLIG107C	Work effectively with others	Unit code updated to meet policy requirements	E
TLIG3002A	Lead a work team or group	TLIG207C	Lead a work team or group	Unit code updated to meet policy requirements	E



TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIG4005A	Organise transport workload	TLIG507C	Organise transport workload	Unit code updated to meet policy requirements	E
TLIG4006A	Facilitate work teams	TLIG607C	Facilitate work teams	Unit code updated to meet policy requirements	E
TLIG2007A	Work in a socially diverse environment	TLIG707B	Work in a socially diverse environment	Unit code updated to meet policy requirements	E
<b>H Route Planning and Navigation</b>					
TLIH2001A	Interpret road maps and navigate pre-determined routes	TLIH107D	Interpret road maps and navigate pre-determined routes	Unit code updated to meet policy requirements	E
TLIH3002A	Plan and navigate routes	TLIH207D	Plan and navigate routes	Unit code updated to meet policy requirements	E
TLIH2003A	Prioritise courier/delivery operations	TLIH307C	Prioritise courier/delivery operations	Unit code updated to meet policy requirements	E
TLIH3004A	Identify major roads, services and attractions	TLIH407B	Identify major roads, services and attractions	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
<b>I Customer Service</b>					
TLII4001A	Coordinate quality customer service	TLII107D	Coordinate quality customer service	Unit code updated to meet policy requirements	E
TLII1002A	Apply customer service skills	TLII207D	Apply customer service skills	Unit code updated to meet policy requirements	E
TLII3003A	Provide customer service in transport vehicles/vessels	TLII307C	Provide customer service in transport vehicles/vessels	Unit code updated to meet policy requirements	E
TLII3004A	Manage camping procedures for coaches and buses	TLII407C	Manage camping procedures for coaches and buses	Unit code updated to meet policy requirements	E
TLII4005A	Market services and products to clients	TLII507C	Market services and products to clients	Unit code updated to meet policy requirements	E
TLII2006A	Provide freight forwarding services to customers	TLII607D	Provide freight forwarding services to customers	Unit code updated to meet policy requirements	E
TLII3007A	Provide freight forwarding information to customers	TLII707E	Provide freight forwarding information to customers	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLII4008A	Monitor transport activities at interchanges	TLII807C	Monitor transport activities at interchanges	Unit code updated to meet policy requirements	E
TLII3009A	Provide on-board services to customers	TLII907C	Provide on-board services to customers	Unit code updated to meet policy requirements	E
TLII3010A	Provide travel information to customers	TLII1007A	Provide travel information to customers	Unit code updated to meet policy requirements	E
TLII2015A	Operate the on-train buffet car	TLII1507B	Operate the on-train buffet car	Unit code updated to meet policy requirements	E
TLII4016A	Service freight customers	TLII1607C	Service freight customers	Unit code updated to meet policy requirements	E
TLII4017A	Develop freight customers	TLII1707C	Develop freight customers	Unit code updated to meet policy requirements	E
TLII5018A	Manage customer service	TLII1807B	Manage customer service	Unit code updated to meet policy requirements	E
TLII2019A	Provide taxicab customer service	TLII1909A	Provide taxicab customer service	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				requirements	
TLI3020A	Provide assistance to customers with and without special needs			New unit	
TLI3021A	Provide customer service in rail operations			New unit	
<b>J Quality</b>					
TLIJ2001A	Apply quality procedures	TLIJ107C	Apply quality procedures	Unit code updated to meet policy requirements	E
TLIJ3002A	Apply quality systems	TLIJ207C	Apply quality systems	Unit code updated to meet policy requirements	E
TLIJ2003A	Apply grain protection measures	TLIJ307C	Apply grain protection measures	Unit code updated to meet policy requirements	E
TLIJ2004A	Implement grain monitoring measures	TLIJ407C	Implement grain monitoring measures	Unit code updated to meet policy requirements	E
TLIJ3005A	Sample, inspect and test products to specifications	TLIJ507C	Sample, inspect and test products to specifications	Unit code updated to meet policy requirements	E
TLIJ3006A	Implement grain protection procedures	TLIJ607C	Implement grain protection procedures	Unit code updated to	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				meet policy requirements	
TLIJ5007A	Conduct internal quality audits	TLIJ707C	Conduct internal quality audits	Unit code updated to meet policy requirements	E
TLIJ4008A	Implement and monitor inbound QA systems	TLIJ807A	Implement and monitor inbound QA systems	Unit code updated to meet policy requirements	E
<b>K Technology</b>					
TLIK2003A	Apply keyboard skills	TLIK307C	Apply keyboard skills	Unit code updated to meet policy requirements	E
TLIK5006A	Evaluate software requirements and hardware enhancements	TLIK607C	Evaluate software requirements and hardware enhancements	Unit code updated to meet policy requirements	E
TLIK2007A	Perform electronic data interchange (EDI) to transmit shipping documentation	TLIK707C	Perform electronic data interchange (EDI) to transmit shipping documentation	Unit code updated to meet policy requirements	E
TLIK4008A	Implement and monitor network security	TLIK807A	Implement and monitor network security	Unit code updated to meet policy requirements	E
TLIK5009A	Apply knowledge of ICT to international freight forwarding	TLIK5009A	Apply knowledge of ICT to international freight forwarding	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	activities		activities	requirements	
TLIK2010A	Use infotechnology devices in the workplace	TLIK107C	Use infotechnology devices and computer applications in the workplace	Unit rewritten to reflect current trends in industry	N
<b>L Resource Management</b>					
TLIL1001A	Complete workplace orientation/induction procedures	TLIL107C	Complete workplace orientation/induction procedures	Unit code updated to meet policy requirements	E
TLIL3002A	Undertake employee payroll activities	TLIL207C	Undertake employee payroll activities	Unit code updated to meet policy requirements	E
TLIL3003A	Conduct induction process	TLIL307C	Conduct induction process	Unit code updated to meet policy requirements	E
TLIL4005A	Apply conflict/grievance resolution strategies	TLIL507D	Apply conflict/grievance resolution strategies	Unit code updated to meet policy requirements	E
TLIL2008A	Complete routine administrative tasks	TLIL807C	Complete routine administrative tasks	Unit code updated to meet policy requirements	E
TLIL4009A	Manage personal work priorities and professional	TLIL907C	Manage personal work priorities and professional	Unit code updated to meet policy	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	development		development	requirements	
TLIL4010A	Assess and confirm customer transport requirements	TLIL1007C	Assess and confirm customer transport requirements	Unit code updated to meet policy requirements	E
TLIL5019A	Implement and monitor transport logistics	TLIL1907C	Implement and monitor transport logistics	Unit code updated to meet policy requirements	E
TLIL5020A	Develop and maintain operational procedures for transport and logistics enterprises	TLIL2007C	Develop and maintain operational procedures for transport and distribution enterprises	Unit code updated to meet policy requirements	E
TLIL4021A	Coordinate the erection and dismantling of temporary storage facilities	TLIL2107C	Coordinate the erection and dismantling of temporary storage facilities	Unit code updated to meet policy requirements	E
TLIL5026A	Manage export logistics	TLIL2607B	Manage export logistics	Unit code updated to meet policy requirements	E
TLIL4030A	Control a furniture warehouse	TLIL3007B	Control a furniture warehouse	Unit code updated to meet policy requirements	E
TLIL2031A	Monitor and process attendance records	TLIL3107B	Monitor and process attendance records	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIL4032A	Implement equal employment equity strategies	TLIL3207B	Implement equal employment equity strategies	Unit code updated to meet policy requirements	E
TLIL4033A	Promote effective workplace practice	TLIL3307B	Promote effective workplace practice	Unit code updated to meet policy requirements	E
TLIL4034A	Arrange alternative passenger transport	TLIL3407B	Arrange alternative passenger transport	Unit code updated to meet policy requirements	E
TLIL3035A	Allocate motive power	TLIL3507B	Allocate motive power	Unit code updated to meet policy requirements	E
TLIL4036A	Develop rosters	TLIL3607B	Develop rosters	Unit code updated to meet policy requirements	E
TLIL4037A	Apply and amend rosters	TLIL3707B	Apply and amend rosters	Unit code updated to meet policy requirements	E
TLIL4038A	Organise marshalling and shunting operations	TLIL3807B	Organise marshalling and shunting operations	Unit code updated to meet policy requirements	E
TLIL3039A	Assist with train operations	TLIL3907B	Assist with train operations	Unit code updated to meet policy requirements	E



TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				requirements. Minor changes to elements. Items removed from required skills and knowledge	
TLIL4040A	Plan and control daily train operations	TLIL4007B	Plan and control daily train operations	Unit code updated to meet policy requirements	E
TLIL2041A	Monitor and record rolling stock locations	TLIL4107B	Monitor and record rolling stock locations	Unit code updated to meet policy requirements	E
TLIL4042A	Control rail traffic movement	TLIL4207B	Control rail traffic movement	Unit code updated to meet policy requirements	E
TLIL4043A	Allocate freight	TLIL4307B	Allocate freight	Unit code updated to meet policy requirements	E
TLIL4044A	Organise freight yard movement	TLIL4407B	Organise freight yard movement	Unit code updated to meet policy requirements	E
TLIL3045A	Organise services for special events	TLIL4507B	Organise services for special events	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLIL2046A	Handle customer luggage/property	TLIL4607B	Handle customer luggage/property	Unit code updated to meet policy requirements	E
TLIL4047A	Coordinate train movement activities	TLIL4707B	Coordinate train movement activities	Unit code updated to meet policy requirements	E
TLIL2048A	Prepare for train departure	TLIL4807B	Prepare for train departure	Unit code updated to meet policy requirements Minor changes to elements. Items removed from required skills and knowledge	E
TLIL4049A	Develop train plans and schedules	TLIL4907B	Develop train plans and schedules	Unit code updated to meet policy requirements	E
TLIL4050A	Allocate rolling stock	TLIL5007B	Allocate rolling stock	Unit code updated to meet policy requirements	E
TLIL3052A	Plan urban passenger train consists	TLIL5207A	Plan urban passenger train consists	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLIL3053A	Plan rural passenger train consists	TLIL5307A	Plan rural passenger train consists	Unit code updated to meet policy requirements	E
TLIL3054A	Plan freight train consists	TLIL5407A	Plan freight train consists	Unit code updated to meet policy requirements	E
TLIL5055A	Manage a supply chain	TLIL5507A	Manage a supply chain	Unit code updated to meet policy requirements	E
TLIL5057A	Maintain, monitor and improve transport operations systems	TLIL5707A	Maintain, monitor and improve transport operations systems	Unit code updated to meet policy requirements	E
TLIL4058A	Plan a career in logistics	TLIL5807A	Plan a career in logistics	Unit code updated to meet policy requirements	E
TLIL4059A	Implement asset management systems	TLIL5907A	Implement asset management systems	Unit code updated to meet policy requirements	E
TLIL2060A	Complete induction to the transport industry	TLIL6009A	Complete induction to the transport industry	Unit code updated to meet policy requirements	E
TLIL3065A	Implement track			New unit	

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	occupancy protection				
TLIL3066A	Control operational rail traffic through worksites			New unit	
TLIL3067A	Implement planned track possession protection			New unit	
TLIL4068A	Plan and coordinate track protection for multiple work groups			New unit	
TLIL3069A	Implement track blocking protection			New unit	
TLIL4070A	Work effectively in the transport and logistics industry			New unit	
TLIL4078A	Coordinate fleet control logistics	TLIL707D	Coordinate fleet control logistics	Unit code updated to meet policy requirements	E
<b>LIC Licensing Units</b>					
TLILIC2001A	Licence to operate a forklift truck	TLILIC108A	Licence to operate a forklift truck	Unit code updated to meet policy requirements	E
TLILIC2002A	Licence to operate an order picking forklift truck	TLILIC208A	Licence to operate an order picking forklift truck	Unit code updated to meet policy requirements	E
TLILIC3003A	Licence to operate a bridge and gantry crane	TLILIC308A	Licence to operate a bridge and gantry crane	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLILIC300 4A	Licence to operate a derrick crane	TLILIC408 A	Licence to operate a derrick crane	Unit code updated to meet policy requirements	E
TLILIC200 5A	Licence to operate a boom-type elevating work platform (boom length 11 meters or more)	TLILIC508 A	Licence to operate a boom-type elevating work platform (boom length 11 meters or more)	Unit code updated to meet policy requirements	E
TLILIC300 6A	Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)	TLILIC608 A	Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)	Unit code updated to meet policy requirements	E
TLILIC300 7A	Licence to operate a portal boom crane	TLILIC708 A	Licence to operate a portal boom crane	Unit code updated to meet policy requirements	E
TLILIC300 8A	Licence to operate a slewing mobile crane (up to 20 tonnes)	TLILIC808 A	Licence to operate a slewing mobile crane (up to 20 tonnes)	Unit code updated to meet policy requirements	E
TLILIC400 9A	Licence to operate a slewing mobile crane (up to 60 tonnes)	TLILIC908 A	Licence to operate a slewing mobile crane (up to 60 tonnes)	Unit code updated to meet policy requirements	E
TLILIC401 0A	Licence to operate a slewing mobile crane (up to 100 tonnes)	TLILIC1008 A	Licence to operate a slewing mobile crane (up to 100 tonnes)	Unit code updated to meet policy requirements	E
TLILIC401	Licence to operate a	TLILIC1108	Licence to operate a	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
1A	slewing mobile crane (over 100 tonnes)	A	slewing mobile crane (over 100 tonnes)	updated to meet policy requirements	
TLILIC001 2A	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)	TLILIC1208 A	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)	Unit code updated to meet policy requirements	E
TLILIC301 3A	Preparation to transport dangerous goods by road	TLILIC1309 A	Preparation and transport dangerous goods by road	Name and code of unit updated	E
TLILIC201 4A	Licence to drive light rigid vehicle	TLILIC1409 A	Licence to drive light rigid vehicle	Unit code updated to meet policy requirements	E
TLILIC201 5A	Licence to drive medium rigid vehicle	TLILIC1509 A	Licence to drive medium rigid vehicle	Unit code updated to meet policy requirements	E
TLILIC201 6A	Licence to drive heavy rigid vehicle	TLILIC1609 A	Licence to drive heavy rigid vehicle	Unit code updated to meet policy requirements	E
TLILIC301 7A	Licence to drive heavy combination vehicle	TLILIC1709 A	Licence to drive heavy combination vehicle	Unit code updated to meet policy requirements	E
TLILIC301 8A	Licence to drive multi-combination vehicle	TLILIC1809 A	Licence to drive multi-combination vehicle	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
<b>M Training and Assessment</b>					
TLIM4001 A	Develop safe car driving behaviours in others	TLIM107B	Develop safe car driving behaviours in others	Unit code updated to meet policy requirements	E
TLIM4002 A	Develop safe heavy vehicle driving behaviours in others	TLIM208A	Develop safe heavy vehicle driving behaviours in others	Unit code updated to meet policy requirements	E
TLIM4003 A	Develop safe motorcycle riding behaviours in others	TLIM308A	Develop safe motorcycle riding behaviours in others	Unit code updated to meet policy requirements	E
<b>O Security</b>					
TLIO1002A	Follow security procedures when working with passengers and personnel	TLIO207D	Follow security procedures	Unit code and title updated to meet policy requirements	E
TLIO2003A	Undertake loading and unloading in a designated secured environment	TLIO307C	Undertake loading and unloading in a designated secured environment	Unit code updated to meet policy requirements	E
TLIO3004A	Conduct control procedures for transferring explosives and dangerous/hazardous/high risk goods	TLIO407D	Conduct control procedures for transferring explosives and dangerous/hazardous/high risk goods	Unit code updated to meet policy requirements	E
TLIO5005A	Plan and manage security procedures for	TLIO507C	Plan and manage security procedures for	Unit code updated to meet policy	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	the enterprise		the enterprise	requirements	
TLIO5006A	Plan and manage security procedures for transferring and transporting dangerous goods	TLIO607D	Plan and manage security procedures for transferring and transporting dangerous goods	Unit code updated to meet policy requirements	E
TLIO3007A	Undertake emergency response action to a security threat	TLIO707C	Undertake emergency response action to a security threat	Unit code updated to meet policy requirements	E
TLIO3008A	Implement cash-in-transit security procedures	TLIO807C	Implement cash-in-transit security procedures	Unit code updated to meet policy requirements	E
TLIO3009A	Test and inspect cash-in-transit security equipment	TLIO907C	Test and inspect cash-in-transit security equipment	Unit code updated to meet policy requirements	E
TLIO3010A	Respond to cash-in-transit security incidents	TLIO1007C	Respond to cash-in-transit security incidents	Unit code updated to meet policy requirements	E
TLIO2011A	Provide revenue protection measures	TLIO1107C	Provide revenue protection measures	Unit code updated to meet policy requirements	E
TLIO3012A	Manage disruptive and/or unlawful behaviour	TLIO1207C	Manage disruptive and/or unlawful behaviour	Unit code updated to meet policy requirements	E



TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIO2013A	Administer the security of assets and facilities	TLIO1307C	Administer the security of assets and facilities	Unit code updated to meet policy requirements	E
TLIO3015A	Maintain security of railway property and revenue	TLIO1507B	Maintain security of railway property and revenue	Unit code updated to meet policy requirements	E
TLIO3016A	Apply and monitor workplace security procedures	TLIO1607B	Apply and monitor workplace security procedures	Unit code updated to meet policy requirements	E
TLIO5017A	Manage security of storage facilities	TLIO1707A	Manage security of storage facilities	Unit code updated to meet policy requirements	E
TLIO5018A	Manage compliance with customs excise	TLIO1807A	Manage compliance with customs excise	Unit code updated to meet policy requirements	E
TLIO3019A	Apprehend offenders	TLIO1907A	Apprehend offenders	Unit code updated to meet policy requirements	E
TLIO5020A	Advise on and manage security and safety in international freight transport	TLIO5020A	Advise on and manage security and safety in international freight transport	Unit code updated to meet policy requirements	E
TLIO2021A	Follow security procedures when working with goods			New unit	

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	and cargo				
<b>P Administration and Finance</b>					
TLIP4001A	Develop plans to meet customer and organisation needs	TLIP107C	Develop plans to meet customer and organisation needs	Unit code updated to meet policy requirements	E
TLIP4002A	Facilitate and capitalise on change in the workplace	TLIP207C	Facilitate and capitalise on change in the workplace	Unit code updated to meet policy requirements	E
TLIP4003A	Implement, maintain and evaluate dangerous goods transport procedures within the workplace	TLIP307D	Implement, maintain and evaluate dangerous goods transport procedures within the workplace	Unit code updated to meet policy requirements	E
TLIP5004A	Develop a transport and logistics business plan	TLIP407C	Develop a transport and distribution business plan	Unit code and title updated to meet policy requirements	E
TLIP4005A	Manage workplace information	TLIP507C	Manage workplace information	Unit code updated to meet policy requirements	E
TLIP5006A	Establish international distribution networks	TLIP607C	Establish international distribution networks	Unit code updated to meet policy requirements	E
TLIP5007A	Contribute to the development of a workplace learning environment	TLIP707C	Contribute to the development of a workplace learning environment	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				ts	
TLIP5008A	Manage a transport and logistics business unit	TLIP807C	Manage a transport and distribution business unit	Unit code and title updated to meet policy requirements	E
TLIP4010A	Assess lift requirements and provide quotation	TLIP1007C	Assess lift requirements and provide quotation	Unit code updated to meet policy requirements	E
TLIP5011A	Develop and evaluate strategies for transport and logistics enterprises	TLIP1107C	Develop and evaluate strategies for transport and distribution enterprises	Unit code and title updated to meet policy requirements	E
TLIP4013A	Implement and monitor logistics planning and process	TLIP1307A	Implement and monitor logistics planning and process	Unit code updated to meet policy requirements	E
TLIP2014A	Capture records into a records keeping system	TLIT107C	Capture records into a records keeping system	Unit code updated to meet policy requirements	E
TLIP3015A	Document a records system	TLIT207C	Document a records system	Unit code updated to meet policy requirements	E
TLIP3016A	Identify and classify records to be captured	TLIT307C	Identify and classify records to be captured	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIP2017A	Maintain control of records	TLIT407C	Maintain control of records	Unit code updated to meet policy requirements	E
TLIP2018A	Provide information from and about records	TLIT507C	Provide information from and about records	Unit code updated to meet policy requirements	E
TLIP3019A	Provide records retrieval service	TLIT607C	Provide records retrieval service	Unit code updated to meet policy requirements	E
TLIP3020A	Sentence records	TLIT707C	Sentence records	Unit code updated to meet policy requirements	E
TLIP3021A	Undertake disposal program	TLIT807C	Undertake disposal program	Unit code updated to meet policy requirements	E
TLIP3022A	Undertake movement of records	TLIT907C	Undertake movement of records	Unit code updated to meet policy requirements	E
TLIP3023A	Destroy records	TLIT1007C	Destroy records	Unit code updated to meet policy requirements	E
TLIP2024A	Conduct financial transactions	TLIQ107D	Conduct financial transactions	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				requirements	
TLIP5025A	Set and achieve budget	TLIQ207C	Set and achieve budget	Unit code updated to meet policy requirements	E
TLIP3026A	Maintain financial records in a small business	TLIQ307C	Maintain financial records in a small business	Unit code updated to meet policy requirements	E
TLIP3027A	Organise freight invoicing and payment	TLIQ407C	Organise freight invoicing and payment	Unit code updated to meet policy requirements	E
TLIP4028A	Administer international trading accounts	TLIQ607C	Administer international trading accounts	Unit code updated to meet policy requirements	E
TLIP2029A	Prepare and process financial documents	TLIQ707C	Prepare and process financial documents	Unit code updated to meet policy requirements	E
TLIP2030A	Conduct courier/delivery cash transactions	TLIQ907C	Conduct courier/delivery cash transactions	Unit code updated to meet policy requirements	E
TLIP4031A	Maintain customer credit accounts and services	TLIQ1007B	Maintain customer credit accounts and services	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIP2032A	Maintain petty cash account	TLIQ1107B	Maintain petty cash account	Unit code updated to meet policy requirements	E
TLIP2033A	Sell products and services	TLIQ1207B	Sell products and services	Unit code updated to meet policy requirements	E
TLIP3034A	Advise on and construct fares for customers	TLIQ1307B	Advise on and construct fares for customers	Unit code updated to meet policy requirements	E
TLIP5035A	Manage budgets and financial plans	TLIQ1407A	Manage budgets and financial plans	Unit code updated to meet policy requirements	E
TLIP5036A	Manage assets	TLIQ1507A	Manage assets	Unit code updated to meet policy requirements	E
TLIP2037A	Carry out financial transactions and maintain records	TLIQ1609A	Carry out financial transactions and maintain records	Unit code updated to meet policy requirements	E
TLIP4038A	Monitor a supply chain operation			New unit	
TLIP4039A	Monitor transport operations			New unit	
TLIP4040A	Monitor warehouse operations			New unit	

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
<b>PC Pathways Certificate</b>					
TLIPC1001A	Demonstrate care and apply safe practices at work	TLIPC107A	Demonstrate care and apply safe practices at work	Unit code updated to meet policy requirements	E
TLIPC1002A	Adapt to work requirements in the transport and logistics industry	TLIPC207A	Adapt to work requirements in the transport and logistics industry	Minor Revision Unit code updated to meet policy requirements	E
TLIPC1003A	Apply effective work practices	TLIPC307A	Apply effective work practices	Unit code updated to meet policy requirements	E
TLIPC1004A	Complete courier delivery operations	TLIPC407A	Complete courier delivery operations	Unit code updated to meet policy requirements	E
TLIPC1005A	Complete small store operations	TLIPC507A	Complete small store operations	Unit code updated to meet policy requirements	E
<b>R Contract Procurement</b>					
TLIR4001A	Monitor supplier performance	TLIR107C	Monitor supplier performance	Unit code updated to meet policy requirements	E
TLIR4002A	Source goods/services and evaluate	TLIR207C	Source goods/services and evaluate	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	contractors		contractors	requirements	
TLIR4003A	Negotiate a contract	TLIR307C	Negotiate a contract	Unit code updated to meet policy requirements	E
TLIR5005A	Manage a contract	TLIR507A	Manage a contract	Unit code updated to meet policy requirements	E
TLIR5006A	Develop, implement and review purchasing strategies	TLIR607A	Develop, implement and review purchasing strategies	Unit code updated to meet policy requirements	E
TLIR5007A	Manage international purchasing	TLIR707A	Manage international purchasing	Unit code updated to meet policy requirements	E
TLIR4008A	Implement and supervise stocktaking procedures	TLIR807A	Implement and supervise stocktaking procedures	Unit code updated to meet policy requirements	E
TLIR4009A	Implement purchasing systems	TLIR907A	Implement purchasing systems	Unit code updated to meet policy requirements	E
TLIR4010A	Plan purchasing	TLIR1007A	Plan purchasing	Unit code updated to meet policy requirements	E



TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIR4012A	Conduct international purchasing	TLIR1207A	Conduct international purchasing	Unit code updated to meet policy requirements	E
TLIR5014A	Manage suppliers	TLIR1407A	Manage suppliers	Unit code updated to meet policy requirements	E
<b>S Construction and Installation</b>					
TLIS2004A	Install and maintain rail bonding systems	TLIS407B	Install and maintain rail bonding systems	Unit code updated to meet policy requirements	E
TLIS3005A	Install mechanical infrastructure for signalling	TLIS507B	Install mechanical infrastructure for signalling	Unit code updated to meet policy requirements	E
TLIS4007A	Decommission mechanical signalling infrastructure and interlocking equipment from service	TLIS707B	Decommission mechanical signalling infrastructure equipment and interlocking equipment from service	Unit code and title updated to meet policy requirements. Minor changes to elements. Items removed from required skills and knowledge	E
TLIS3009A	Install mechanical signalling locking and interlocking devices	TLIS907B	Install mechanical signalling locking and interlocking devices	Unit code updated to meet policy	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
				requirements	
TLIS3010A	Test rail using ultrasonic equipment	TLIS1009A	Test rail using ultrasonic equipment	Unit code updated to meet policy requirements	E
TLIS3011A	Test rail using nondestructive testing equipment	TLIS1109A	Test rail using nondestructive testing equipment	Unit code updated to meet policy requirements	E
TLIS2012A	Install and service rail lubrication equipment	TLIS1209A	Install and service rail lubrication equipment	Unit code updated to meet policy requirements	E
TLIS2013A	Install minor structures	TLIS1309A	Install minor structures	Unit code updated to meet policy requirements	E
TLIS2020A	Install overhead wiring structure	TLIX1107B	Install overhead wiring structure	Unit code updated to meet policy requirements	E
TLIS3023A	Erect and mount structures and housings for signalling equipment	TLIX1607B	Erect and mount structures and housings for signalling equipment	Unit code updated to meet policy requirements	E
TLIS3025A	Implement ballast unloading	TLIX1809A	Implement ballast unloading	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIS3026A	Implement track maintenance and construction	TLIX1909A	Implement track maintenance and construction	Unit code updated to meet policy requirements	E
TLIS2027A	Install and maintain surface track drainage	TLIX2009A	Install and maintain surface track drainage	Unit code updated to meet policy requirements	E
TLIS2028A	Install and replace transoms	TLIX2109A	Install and replace transoms	Unit code updated to meet policy requirements	E
TLIS3029A	Implement structures maintenance and installation of minor structures	TLIX2209A	Implement structures maintenance and installation of minor structures	Unit code updated to meet policy requirements	E
TLIS2030A	Carry out track ballasting	TLIX2309A	Carry out track ballasting	Unit code updated to meet policy requirements	E
TLIS2031A	Install railway sleepers	TLIX2409A	Install railway sleepers	Unit code updated to meet policy requirements	E
TLIS2032A	Install rail	TLIX2509A	Install rail	Unit code updated to meet policy requirements	E
TLIS2033A	Install and repair temporary track	TLIX2609A	Install and repair temporary track	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	supports		supports	requirements	
TLIS2034A	Install and repair rail fastening systems	TLIX2709A	Install and repair rail fastening systems	Unit code updated to meet policy requirements	E
TLIS2035A	Install and repair fences and gates	TLIX2809A	Install and repair fences and gates	Unit code updated to meet policy requirements	E
TLIS2036A	Use chemical repair products	TLIX2909A	Use chemical repair products	Unit code updated to meet policy requirements	E
TLIS3037A	Install and repair rail earthworks	TLIX3009A	Install and repair rail earthworks	Unit code updated to meet policy requirements	E
TLIS3038A	Install points and crossings	TLIX3109A	Install points and crossings	Unit code updated to meet policy requirements	E
TLIS3039A	Measure and mark track for resurfacing			New unit	
<b>U Environment</b>					
TLIU4001A	Implement and monitor environmental protection policies and procedures	TLIU107B	Implement and monitor environmental protection policies and procedures	Unit code updated to meet policy requirements	E
TLIU5006A	Conduct	TLIU607B	Conduct	Unit code	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	environmental audits		environmental audits	updated to meet policy requirements	
TLIU2008A	Apply environmental procedures to rail infrastructure	TLIU809A	Apply environmental procedures to rail infrastructure	Unit code updated to meet policy requirements	E
TLIU1009A	Monitor plant and equipment in an environmentally sustainable manner	TLIU707B	Care for the environment	Unit rewritten to meet industry need	N
TLIU4010A	Develop workplace policy and procedures for sustainability			New unit to reflect sustainability requirements for the T&L industry	
TLIU3011A	Implement and monitor environmentally sustainable work practices			New unit to reflect sustainability requirements for the T&L industry	
TLIU2012A	Participate in environmentally sustainable work practices			New unit to reflect sustainability requirements for the T&L industry	

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIU1013A	Prepare for environmentally sustainable work practices			New unit to reflect sustainability requirements for the T&L industry	
TLIU3014A	Operate vehicle in an environmentally sustainable manner			New unit to reflect sustainability requirements for the T&L industry	
<b>W Equipment and Systems Operations</b>					
TLIW2001A	Operate under track protection rules	TLIW107B	Operate under track protection rules	Unit code updated to meet policy requirements	E
TLIW3005A	Perform direct burial of cables	TLIW507B	Perform direct burial of cables	Unit code updated to meet policy requirements	E
TLIW3006A	Operate computerised mail and parcels sorting equipment	TLIW607B	Operate computerised mail and parcels sorting equipment	Unit code updated to meet policy requirements	E
TLIW3007A	Code and coordinate video-coding operations	TLIW707B	Code and coordinate video-coding operations	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIW3008 A	Carry out culler facer canceller (CFC) operations	TLIW807B	Carry out culler facer canceller (CFC) operations	Unit code updated to meet policy requiremen ts	E
TLIW2012 A	Grind rails	TLIW1209 A	Grind rails	Unit code updated to meet policy requiremen ts	E
TLIW3013 A	Grind switches and crossings	TLIW1309 A	Grind switches and crossings	Unit code updated to meet policy requiremen ts	E
TLIW3014 A	Weld rail using electric welding process	TLIW1409 A	Weld rail using electric welding process	Unit code updated to meet policy requiremen ts	E
TLIW3015 A	Weld rail using aluminothermic welding process	TLIW1509 A	Weld rail using aluminothermic welding process	Unit code updated to meet policy requiremen ts	E
TLIW3016 A	Weld rail using flashbutt welding process	TLIW1609 A	Weld rail using flashbutt welding process	Unit code updated to meet policy requiremen ts	E
TLIW2017 A	Cut and join materials	TLIV107C	Cut and join materials	Unit code updated to meet policy requiremen ts	E
TLIW2018 A	Operate hand held air/power equipment for production	TLIV207C	Operate hand held air/power equipment for production	Unit code updated to meet policy	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	processes		processes	requirements	
TLIW2019 A	Apply surface coatings using a spray gun	TLIV307C	Apply surface coatings using a spray gun	Unit code updated to meet policy requirements	E
TLIW2020 A	Undertake pallet repairs	TLIV407C	Undertake pallet repairs	Unit code updated to meet policy requirements	E
TLIW2021 A	Clean and inspect pallets	TLIV507C	Clean and inspect pallets	Unit code updated to meet policy requirements	E
TLIW2022 A	Manufacture pallets using automated methods	TLIV607C	Manufacture pallets using automated methods	Unit code updated to meet policy requirements	E
TLIW2023 A	Manufacture pallets using manual methods	TLIV707C	Manufacture pallets using manual methods	Unit code updated to meet policy requirements	E
TLIW2024 A	Dock boards using computer programmed machinery	TLIV807C	Dock boards using computer programmed machinery	Unit code updated to meet policy requirements	E
TLIW2025 A	Dock boards on mechanical feeds	TLIV907C	Dock boards on mechanical feeds	Unit code updated to meet policy requirements	E



TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIW3026 A	Operate stand alone signalling/point control equipment			New unit	
<b>X Logistics</b>					
TLIX6001A	Formulate materiel logistics strategies	TLIY108A	Formulate materiel logistics strategies	Unit code updated to meet policy requirements	E
TLIX6002A	Contribute to materiel logistics strategies	TLIY208A	Contribute to materiel logistics strategies	Unit code updated to meet policy requirements	E
TLIX5003A	Develop and review integrated logistics support plans	TLIY308A	Develop and review integrated logistics support plans	Unit code updated to meet policy requirements	E
TLIX5004A	Develop integrated logistics support processes and procedures	TLIY408A	Develop integrated logistics support processes and procedures	Unit code updated to meet policy requirements	E
TLIX5005A	Manage integrated logistics support operations	TLIY508A	Manage integrated logistics support operations	Unit code updated to meet policy requirements	E
TLIX5006A	Manage verification and validation	TLIY608A	Manage verification and validation processes	Unit code updated to meet policy requirements	E
TLIX4007A	Implement and monitor integrated	TLIY708A	Implement and monitor integrated	Unit code updated to meet policy	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	logistics support plans		logistics support plans	requirements	
TLIX4008A	Conduct integrated logistics support activities	TLIY808A	Conduct integrated logistics support activities	Unit code updated to meet policy requirements	E
TLIX4009A	Apply integrated logistics support processes and procedures	TLIY908A	Apply integrated logistics support processes and procedures	Unit code updated to meet policy requirements	E
TLIX5010A	Provide specialist integrated logistics support advice	TLIY1008A	Provide specialist integrated logistics support advice	Unit code updated to meet policy requirements	E
TLIX4011A	Conduct logistics support analysis activities	TLIY1108A	Conduct logistics support analysis activities	Unit code updated to meet policy requirements	E
TLIX5012A	Develop and review materiel sustainment plans	TLIY1208A	Develop and review materiel sustainment plans	Unit code updated to meet policy requirements	E
TLIX5013A	Develop materiel sustainment processes and procedures	TLIY1308A	Develop materiel sustainment processes and procedures	Unit code updated to meet policy requirements	E
TLIX5014A	Manage materiel sustainment operations	TLIY1408A	Manage materiel sustainment operations	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIX5015A	Establish supply chains	TLIY1508A	Establish supply chains	Unit code updated to meet policy requirements	E
TLIX4016A	Implement and monitor materiel sustainment plans	TLIY1608A	Implement and monitor materiel sustainment plans	Unit code updated to meet policy requirements	E
TLIX4017A	Conduct materiel sustainment activities	TLIY1708A	Conduct materiel sustainment activities	Unit code updated to meet policy requirements	E
TLIX4018A	Apply materiel sustainment processes and procedures	TLIY1808A	Apply materiel sustainment processes and procedures	Unit code updated to meet policy requirements	E
TLIX5019A	Provide specialist materiel sustainment advice	TLIY1908A	Provide specialist materiel sustainment advice	Unit code updated to meet policy requirements	E
TLIX5020A	Develop and review configuration management plans	TLIY2008A	Develop and review configuration management plans	Unit code updated to meet policy requirements	E
TLIX5021A	Manage configuration management processes	TLIY2108A	Manage configuration management processes	Unit code updated to meet policy requirements	E
TLIX4022A	Implement and monitor configuration	TLIY2208A	Implement and monitor configuration	Unit code updated to meet policy	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	management plans		management plans	requirements	
TLIX4023A	Conduct configuration management activities	TLIY2308A	Conduct configuration management activities	Unit code updated to meet policy requirements	E
TLIX4024A	Apply configuration management processes and procedures	TLIY2408A	Apply configuration management processes and procedures	Unit code updated to meet policy requirements	E
TLIX5025A	Provide specialist configuration management advice	TLIY2508A	Provide specialist configuration management advice	Unit code updated to meet policy requirements	E
TLIX4026A	Apply codification and cataloguing processes and procedures	TLIY2608A	Apply codification and cataloguing processes and procedures	Unit code updated to meet policy requirements	E
TLIX4027A	Assess maintenance spares and manage repairable items	TLIY2708A	Assess maintenance spares and manage repairable items	Unit code updated to meet policy requirements	E
TLIX4028A	Apply knowledge of logistics	TLIY2808A	Apply knowledge of logistics	Unit code updated to meet policy requirements	E
TLIX4029A	Apply knowledge of integrated logistics support	TLIY2908A	Apply knowledge of integrated logistics support	Unit code updated to meet policy requirements	E

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
TLIX4030A	Apply knowledge of materiel sustainment	TLIY3008A	Apply knowledge of materiel sustainment	Unit code updated to meet policy requirements	E
TLIX4031A	Apply knowledge of configuration management	TLIY3108A	Apply knowledge of configuration management	Unit code updated to meet policy requirements	E
TLIX4032A	Apply knowledge of technical regulatory framework	TLIY3208A	Apply knowledge of technical regulatory framework	Unit code updated to meet policy requirements	E
TLIX4033A	Apply technical regulatory framework compliance management systems	TLIY3308A	Apply technical regulatory framework compliance management systems	Unit code updated to meet policy requirements	E
TLIX4034A	Apply technical risk management systems and techniques	TLIY3408A	Apply technical risk management systems and techniques	Unit code updated to meet policy requirements	E
TLIX4035A	Maintain technical data and information	TLIY3508A	Maintain technical data and information	Unit code updated to meet policy requirements	E
TLIX5036A	Manage and monitor technical data and information systems	TLIY3608A	Manage and monitor technical data and information systems	Unit code updated to meet policy requirements	E
TLIX5037A	Plan logistic support for deployed			New unit	

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	operations				
TLIX5038A	Organise the deployment and delivery of logistics support			New unit	
TLIX5039A	Plan and conduct road convoy			New unit	
TLIX5040A	Manage contracted support services			New unit	
TLIX5041A	Organise supply support on deployment			New unit	
TLIX5042A	Organise road transport operations			New unit	
TLIX5043A	Conduct maintenance on deployed operations			New unit	
TLIX5044A	Organise health support operations			New unit	
TLIX5045A	Manage and monitor catering on deployed operations			New unit	
TLIX6046A	Plan deployed logistic support for significant operations			New unit	
TLIX6047A	Monitor and provide logistic staff support for significant deployed operations			New unit	
TLIX6048A	Manage the deployment and delivery of logistic support			New unit	
TLIX6049A	Undertake provisioning in			New unit	

TLI10 Version 1.1		TLI07 Version 4.1		Comments	E/ N
Code	Title	Code	Title		
	support of deployed operations				
TLIX6050A	Plan distribution operations on deployment			New unit	
TLIX6051A	Plan maintenance for deployed operations			New unit	
TLIX6052A	Plan health support for deployed personnel			New unit	
TLIX6053A	Coordinate health support operations			New unit	

**Table 5: Deleted Units of Competency from TLI07 (Version 4.1)**

This table shows units that were in the TLI07 (Version 4.1) Training Package and have not been carried over to TLI10 Version 1.1.

TLI07 (V4.1) Code	TLI07 (V4.1) Title	Comments
TLIC107C	Drive vehicle	This has been removed at the request of industry.
TLIC807C	Drive coach/bus	This has been removed at the request of industry.
TLIK107C	Use infotechnology devices and computer applications in the workplace	This has been removed at the request of industry.
TLIU707B	Care for the environment	This has been removed at the request of industry.
TLID3407C	Operate a mobile crane up to and including 20 tonnes on a demolition site	This has been removed at the request of industry.
TLIW207B	Coordinate and manage track protection	This has been removed at the request of industry.

**Table 6: Mapping of TLI10 (Version 1.1) Qualifications to TLI07 (Version 4.1) Qualifications**

This table shows the relationship between qualifications in the TLI10 (Version 1.1) Training Package and the qualifications in the TLI07 (Version 4.1) Training Package.

<b>Qualification Code and Title in TLI07 Version 4.1</b>	<b>Relationship and Comments</b>	<b>E/N</b>	<b>Qualification Code and Title in TLI10 Version 1.1</b>
TLIPC107 Certificate I in Transport and Logistics (Pathways)	Revised qualification Qualification has been recoded Minor changes to units Packaging rules changed	E	TLIPC110 Certificate I in Transport and Logistics (Pathways)
TLI10107 Certificate I in Transport and Logistics (Warehousing and Storage)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI11210 Certificate I in Warehousing Operations
TLI10307 Certificate I in Transport and Logistics (Stevedoring)	Deleted qualification This qualification has been removed at the request of industry.	N	NA
TLI10407 Certificate I in Transport and Logistics (Rail Operations)	Revised qualification Qualification has been recoded Minor changes to units Packaging rules changed	E	TLI10410 Certificate I in Transport and Logistics (Rail Operations)
TLI11107 Certificate I in Transport and Logistics (Logistics Operations)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI11310 Certificate I in Logistics
TLI20107 Certificate II in Transport and Logistics (Warehousing and Storage)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI21610 Certificate II in Warehousing Operations
TLI20307 Certificate II in Transport and Logistics (Stevedoring)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI21410 Certificate II in Stevedoring



<b>Qualification Code and Title in TLI07 Version 4.1</b>	<b>Relationship and Comments</b>	<b>E/N</b>	<b>Qualification Code and Title in TLI10 Version 1.1</b>
TLI20407 Certificate II in Transport and Logistics (Rail Operations)	Revised qualification Qualification has been recoded Minor changes to units New units added	E	TLI20410 Certificate II in Transport and Logistics (Rail Operations)
TLI21107 Certificate II in Transport and Logistics (Logistics Operations)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI21810 Certificate II in Logistics
TLI21209 Certificate II in Driving Operations	Revised qualification Qualification has been recoded Minor changes to units New units added Units removed Packaging rules changed	E	TLI21210 Certificate II in Driving Operations
TLI21309 Certificate II in Rail Infrastructure	Revised qualification Qualification has been recoded Minor changes to units New units added Packaging rules changed	E	TLI21310 Certificate II in Rail Infrastructure
NA	New qualification This has been added to the Training Package.		TLI21510 Certificate II in Furniture Removal
NA	New qualification This has been added to the Training Package.		TLI21710 Certificate II in Road Transport Yard Operations (Freight Handler)
TLI30107 Certificate III in Transport and Logistics (Warehousing and Storage)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI31610 Certificate III in Warehousing Operations

<b>Qualification Code and Title in TLI07 Version 4.1</b>	<b>Relationship and Comments</b>	<b>E/N</b>	<b>Qualification Code and Title in TLI10 Version 1.1</b>
TLI30307 Certificate III in Transport and Logistics (Stevedoring)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI31510 Certificate III in Stevedoring
TLI30407 Certificate III in Transport and Logistics (Rail Operations)	Revised qualification Qualification has been recoded Minor changes to units New units added Packaging rules changed	E	TLI30410 Certificate III in Transport and Logistics (Rail Operations)
TLI30707 Certificate III in Transport and Logistics (Rail Infrastructure)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI32510 Certificate III in Rail Infrastructure
TLI30907 Certificate III in Transport and Logistics (Mobile Cranes Operations)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI31710 Certificate III in Mobile Crane Operations
TLI31107 Certificate III in Transport and Logistics (Logistics Operations)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI32410 Certificate III in Logistics
TLI31209 Certificate III in Driving Operations	Revised qualification Qualification has been recoded Minor changes to units New units added Units removed Packaging rules changed	E	TLI31210 Certificate III in Driving Operations
TLI31309 Certificate III in International Freight Forwarding (Operator)	Revised qualification Qualification has been recoded New units added Units removed Packaging rules changed	E	TLI31310 Certificate III in International Freight Forwarding (Operator)

<b>Qualification Code and Title in TLI07 Version 4.1</b>	<b>Relationship and Comments</b>	<b>E/N</b>	<b>Qualification Code and Title in TLI10 Version 1.1</b>
TLI31409 Certificate III in Rail Driving	Revised qualification Qualification has been recoded Minor changes to units Packaging rules changed	E	TLI31410 Certificate III in Rail Driving
NA	New qualification This has been added to the Training Package.		TLI31810 Certificate III in Rail Track Surfacing
NA	New qualification This has been added to the Training Package.		TLI31910 Certificate III in Mechanical Rail Signalling
NA	New qualification This has been added to the Training Package.		TLI32110 Certificate III in Rail Structures
NA	New qualification This has been added to the Training Package.		TLI32310 Certificate III in Electric Passenger Train Guard
TLI40107 Certificate IV in Transport and Logistics (Warehousing and Storage)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI41810 Certificate IV in Warehousing Operations
TLI40307 Certificate IV in Transport and Logistics (Stevedoring)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI41710 Certificate IV in Stevedoring Operations
TLI40407 Certificate IV in Transport and Logistics (Rail Operations)	Revised qualification Qualification has been recoded Minor changes to units New units added Packaging rules changed	E	TLI40410 Certificate IV in Transport and Logistics (Rail Operations)
TLI40707 Certificate IV in Transport and	Revised qualification	E	TLI40710 Certificate IV in Transport and

<b>Qualification Code and Title in TLI07 Version 4.1</b>	<b>Relationship and Comments</b>	<b>E/N</b>	<b>Qualification Code and Title in TLI10 Version 1.1</b>
Logistics (Rail Infrastructure)	Qualification has been recoded Minor changes to units		Logistics (Rail Infrastructure)
TLI40907 Certificate IV in Transport and Logistics (Mobile Cranes Operations)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI41910 Certificate IV in Mobile Crane Operations
TLI41107 Certificate IV in Transport and Logistics (Logistics)	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI42010 Certificate IV in Logistics
TLI41207 Certificate IV in Transport and Logistics (Road Transport – Car Driving Instruction)	Revised qualification Qualification has been recoded New units added Units removed Packaging rules changed	E	TLI41210 Certificate IV in Transport and Logistics (Road Transport – Car Driving Instruction)
TLI41309 Certificate IV in Transport and Logistics (Road Transport – Heavy Vehicle Driving Instruction)	Revised qualification Qualification has been recoded New units added Units removed Packaging rules changed	E	TLI41310 Certificate IV in Transport and Logistics (Road Transport – Heavy Vehicle Driving Instruction)
TLI41409 Certificate IV in Transport and Logistics (Road Transport – Motorcycle Riding Instruction)	Revised qualification Qualification has been recoded New units added Units removed Packaging rules changed	E	TLI41410 Certificate IV in Transport and Logistics (Road Transport – Motorcycle Riding Instruction)
TLI41509 Certificate IV in Materiel Logistics	Revised qualification Qualification has been recoded New units added Minor changes to units Packaging rules changed	E	TLI41510 Certificate IV in Materiel Logistics

<b>Qualification Code and Title in TLI07 Version 4.1</b>	<b>Relationship and Comments</b>	<b>E/N</b>	<b>Qualification Code and Title in TLI10 Version 1.1</b>
TLI41609 Certificate IV in International Freight Forwarding (Senior Operator)	Revised qualification Qualification has been recoded New units added Minor changes to units Packaging rules changed	E	TLI41610 Certificate IV in International Freight Forwarding (Senior Operator)
TLI50107 Diploma of Logistics	Deleted qualification This qualification has been replaced at the request of industry.	N	TLI50410 Diploma of Logistics
TLI50209 Diploma of Materiel Logistics	Revised qualification Qualification has been recoded New units added Minor changes to units Packaging rules changed	E	TLI50210 Diploma of Materiel Logistics
TLI50310 Diploma of International Freight Forwarding	Revised qualification New units added Minor changes to units Units removed	E	TLI50310 Diploma of International Freight Forwarding
NA	New qualification This has been added to the Training Package		TLI50510 Diploma of Deployment Logistics
TLI60109 Advanced Diploma of Materiel Logistics	Revised qualification Qualification has been recoded New units added Minor changes to units Packaging rules changed	E	TLI60110 Advanced Diploma of Materiel Logistics
NA	New qualification This has been added to the Training Package		TLI60210 Advanced Diploma of Deployment Logistics

## Overview

### Overview of Training Packages

#### What is a Training Package?

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 people's 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 2010 (AQTF 2010), and Training Packages endorsed by the National Quality Council (NQC).

#### 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?

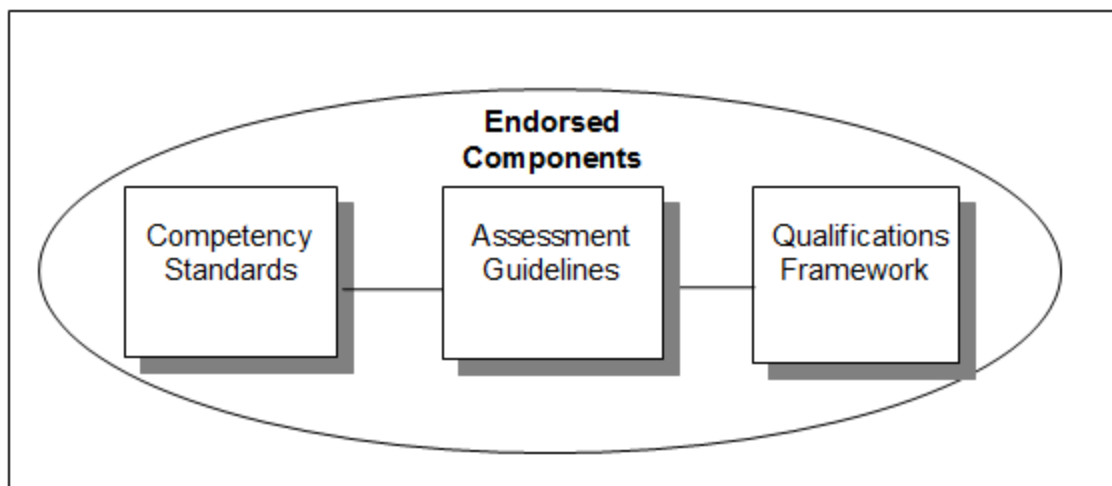
Training and assessment using Training Packages must be conducted by a Registered Training Organisation (RTO) that has the qualifications or specific units of competency on its scope of registration, or that works in partnership with another RTO, as specified in the AQTF 2010.

#### 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 2010. The Assessment Guidelines must be followed to ensure the integrity of assessment leading to nationally recognised qualifications.

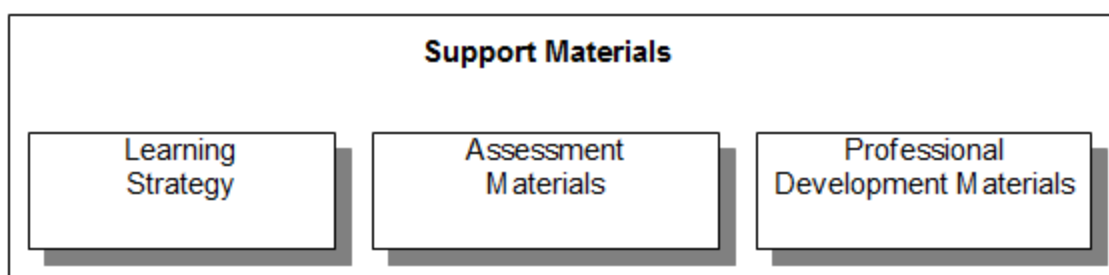
### Qualifications framework

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.

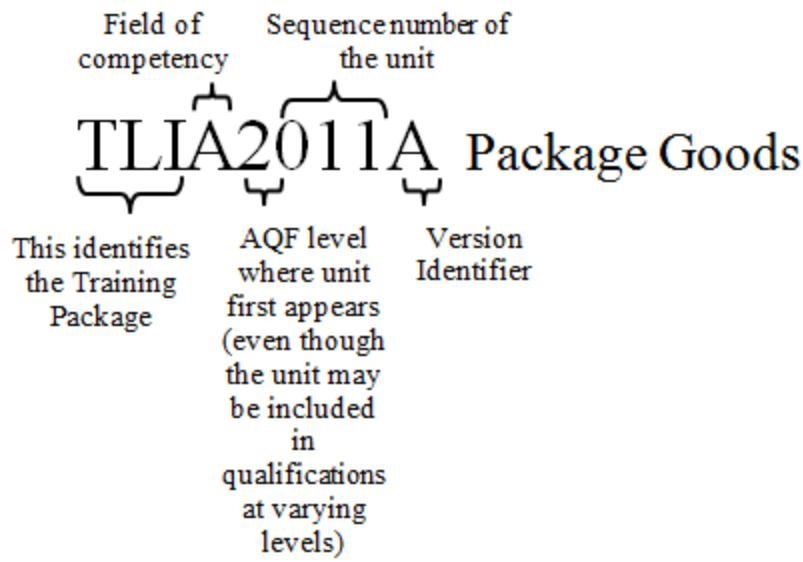
### **Unit of Competency titles**

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.



## The TLI10 Transport and Logistics Training Package (Version 1.1)

## The 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.

### Introduction

The endorsed components of the TLI10 Transport and Logistics Training Package (Version 1.1) include:

- national competency standards for warehousing and storage, road transport, driving operations, stevedoring, rail operations, rail infrastructure, logistics, materiel logistics, deployment logistics and mobile crane operations
- a qualifications framework, including a transport and logistics pathways Certificate I
- assessment guidelines.

The TLI10 Transport and Logistics Training Package (Version 1.1) has been developed by the Transport and Logistics Industry Skills Council (TLISC) on behalf of the Australian Transport and Logistics Industry. An extensive review and consultation process occurred across all sectors of the Transport and Logistics Industry and with stakeholders in Transport and Logistics Industry training.

### Summary of Changes in TLI10 (Version 1.1)

The new features of the Training Package include:

- **23 new qualifications have been added**

Rail qualifications include:

TLI31810 Certificate III in Rail Track Surfacing  
TLI31910 Certificate III in Mechanical Rail Signalling  
TLI32110 Certificate III in Rail Structures  
TLI32310 Certificate III in Electric Passenger Train Guard  
TLI32510 Certificate III in Rail Infrastructure

Road transport qualifications include:

TLI11210 Certificate I in Warehousing Operations  
TLI21610 Certificate II in Warehousing Operations  
TLI31610 Certificate III in Warehousing Operations  
TLI41810 Certificate IV in Warehousing Operations  
TLI21710 Certificate II in Road Transport Yard Operations (Freight Handler)  
TLI31710 Certificate III in Mobile Crane Operations  
TLI41910 Certificate IV in Mobile Crane Operations

Stevedoring qualifications include:

TLI21410 Certificate II in Stevedoring  
TLI31510 Certificate III in Stevedoring  
TLI41710 Certificate IV in Stevedoring Operations

Logistics qualifications include:

TLI21510 Certificate II in Furniture Removal  
TLI11310 Certificate I in Logistics  
TLI21810 Certificate II in Logistics  
TLI32410 Certificate III in Logistics  
TLI42010 Certificate IV in Logistics  
TLI50410 Diploma of Logistics  
TLI50510 Diploma of Deployment Logistics  
TLI60210 Advanced Diploma of Deployment Logistics

- **19 existing qualifications have been revised**

Rail qualifications include:

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)  
TLI31410 Certificate III in Rail Driving  
TLI21310 Certificate II in Rail Infrastructure  
TLI40710 Certificate IV in Transport and Logistics (Rail Infrastructure)

Road transport qualifications include:

TLIPC110 Certificate I in Transport and Logistics (Pathways)  
TLI21210 Certificate II in Driving Operations  
TLI31210 Certificate III in Driving Operations  
TLI31310 Certificate III in International Freight Forwarding (Operator)  
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)  
TLI41610 Certificate IV in International Freight Forwarding (Senior Operator)  
TLI50310 Diploma of International Freight Forwarding

Logistics qualifications include:

TLI41510 Certificate IV in Materiel Logistics  
TLI50210 Diploma of Materiel Logistics  
TLI60110 Advanced Diploma of Materiel Logistics

- **16 qualifications have been deleted**

Rail qualifications include:

TLI30710 Certificate III in Transport and Logistics (Rail Infrastructure)

Road transport qualifications include:

TLI10107 Certificate I in Transport and Logistics (Warehousing and Storage)  
TLI20107 Certificate II in Transport and Logistics (Warehousing and Storage)  
TLI30107 Certificate III in Transport and Logistics (Warehousing and Storage)  
TLI40107 Certificate IV in Transport and Logistics (Warehousing and Storage)  
TLI30907 Certificate III in Transport and Logistics (Mobile Cranes Operations)

TLI40907 Certificate IV in Transport and Logistics (Mobile Cranes Operations)

Logistics qualifications include:

TLI11107 Certificate I in Transport and Logistics (Logistics Operations)

TLI21107 Certificate II in Transport and Logistics (Logistics Operations)

TLI31107 Certificate III in Transport and Logistics (Logistics Operations)

TLI41107 Certificate IV in Transport and Logistics (Logistics)

TLI50107 Diploma of Logistics

Stevedoring qualifications include:

TLI10307 Certificate I in Transport and Logistics (Stevedoring)

TLI20307 Certificate II in Transport and Logistics (Stevedoring)

TLI30307 Certificate III in Transport and Logistics (Stevedoring)

TLI40307 Certificate IV in Transport and Logistics (Stevedoring)

- **19 new Skill Sets have been added**

Road transport Skill Sets include:

Road Safety Skill Set

Open Road Operator Skill Set

Mobile Crane Operations Supervisor Skill Set

Rail Skill Sets include:

Accessing the Rail Corridor Skill Set

Lookout Working Skill Set

Handsignaller Skill Set

Conduct Track Protection Skill Set

Blocking Protection Skill Set

Track Occupancy Protection Skill Set

Control Rail Traffic Through Worksite Skill Set

Plan Track Possessions Protection Skill Set

Coordinate Multiple Work Groups Skill Set

Access and Move a Track Vehicle Within a Defined Worksite Skill Set

Travel Track Vehicle Under Occupancy Authority Skill Set

Travel Track Vehicle Under Block Working Conditions Skill Set

Operate Signalling/Point Control Equipment Skill Set

Maintain Mechanical Equipment Skill Set

Install Mechanical Equipment Skill Set

Maintain Aerial Signal/Telecommunication Lines and Cables Skill Set

- **60 new units of competency have been added**
- **30 units of competency have been revised**
- **6 units of competency have been deleted**
- **49 new imported units of competency have been added**

## 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. 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 1.1)
- 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
- 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:

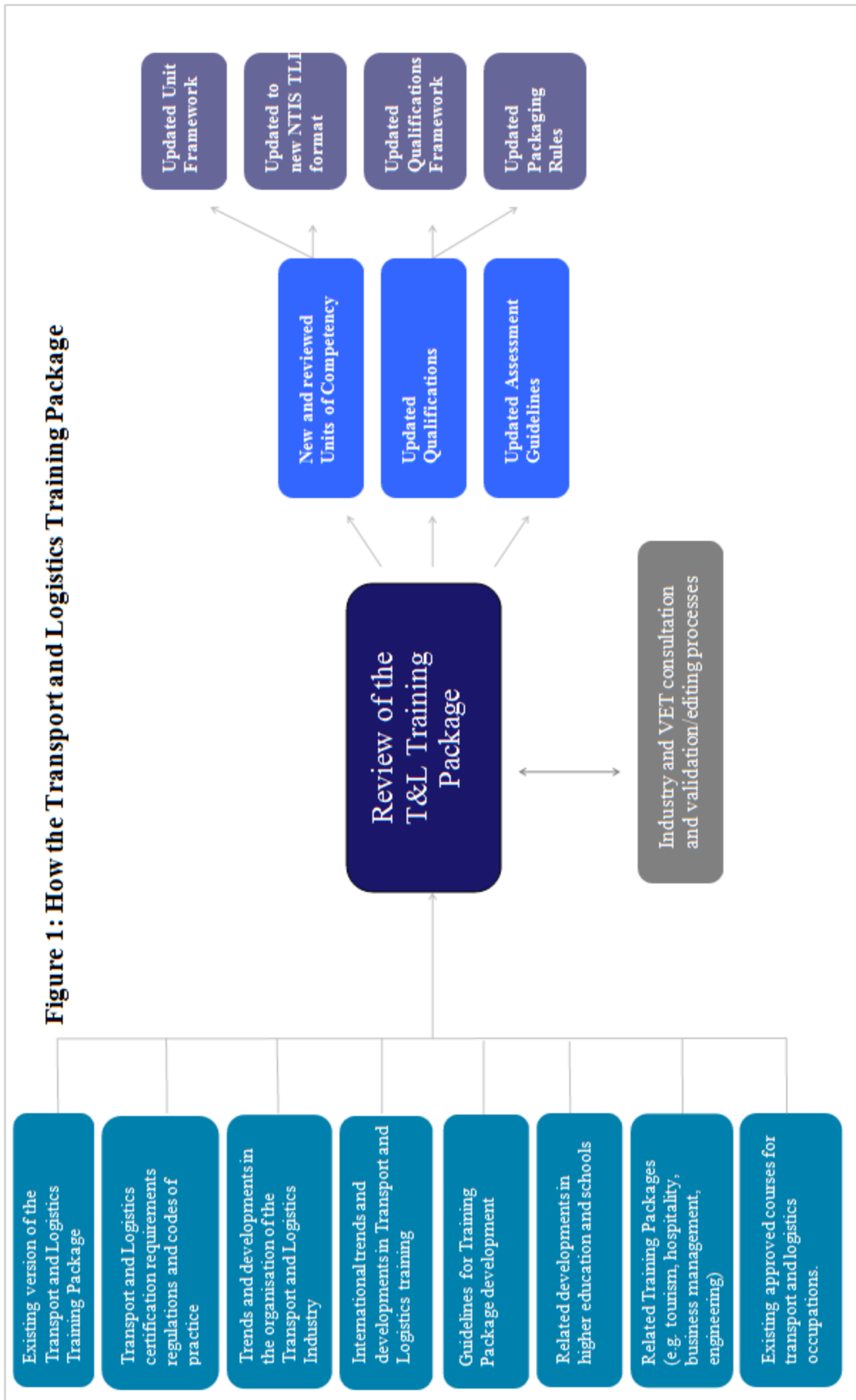
- consultative forums of key stakeholders at key stages of the project
- individual consultative meetings as required
- maintenance of an issues register to track inputs and suggested changes received from stakeholders
- meetings with the equity adviser appointed to the review to ensure that all equity 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 and the two volumes that comprise the revised Transport and Logistics Training Package.





# Assessment Guidelines

## 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](http://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](http://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.com.au](mailto:tlisc@tlisc.com.au)  
 Web: [www.tlisc.com.au](http://www.tlisc.com.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 DEEWR, 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 DEEWR cannot guarantee that the list is definitive or accurate at the time of reading; the information in this section is provided in

## Licensing

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	Address
Australian Capital Territory	WorkCover/WorkSafe ACT	Telephone: (02) 6207 3000 Website: <a href="http://www.ors.act.gov.au">www.ors.act.gov.au</a>
New South Wales	Workcover NSW	Telephone: 13 10 50 Website: <a href="http://www.workcover.nsw.gov.au">www.workcover.nsw.gov.au</a>
Northern Territory	NT WorkSafe	Telephone: 1800 019 115 Website: <a href="http://www.worksafe.nt.gov.au">www.worksafe.nt.gov.au</a>
South Australia	Safework SA	Telephone: (08) 8303 0400 Website: <a href="http://www.safework.sa.gov.au">www.safework.sa.gov.au</a>
Tasmania	Workplace Standards Tasmania	Telephone: (03) 6233 7657 Website: <a href="http://www.wst.tas.gov.au">www.wst.tas.gov.au</a>
Victoria	WorkSafe Victoria	Telephone: 1800 136 089 Website: <a href="http://www.workcover.vic.gov.au">www.workcover.vic.gov.au</a>
West Australia	Dept of Commerce	Telephone: 1300 307 877 Website: <a href="http://www.commerce.wa.gov.au">www.commerce.wa.gov.au</a>
Queensland Dangerous Goods	Transport and Main Roads	Telephone: (07) 3834 2011 Website: <a href="http://www.tmr.qld.gov.au">www.tmr.qld.gov.au</a>

**Licensing**

Queensland High Risk	Workplace Health and Safety Queensland	Telephone: 1300 369 915 Website: <a href="http://www.deir.qld.gov.au/workplace/index.htm">www.deir.qld.gov.au/workplace/index.htm</a>
-------------------------	---	---

**Customs Broking**

<b>Jurisdiction</b>	<b>Regulatory Body</b>	<b>Address</b>
National	Australian Customs and Border Protection Service	Telephone: 1300 363 263 Website: <a href="http://www.customs.gov.au/">www.customs.gov.au/</a>

**Taxi**

<b>Jurisdiction</b>	<b>Regulatory Body</b>	<b>Address</b>
Australian Capital Territory	ACT Department of Territory and Municipal Services	Telephone: 13 22 81 Website: <a href="http://www.tams.act.gov.au">www.tams.act.gov.au</a>
New South Wales	NSW Ministry of Transport	Telephone: 1800 227 774 Website: <a href="http://www.transport.nsw.gov.au">www.transport.nsw.gov.au</a>
Queensland	Queensland Transport and Main Roads	Telephone: 13 23 80 Website: <a href="http://www.transport.qld.gov.au">www.transport.qld.gov.au</a>
South Australia	SA Department for Transport, Energy and Infrastructure	Telephone: 08 8343 2222 Website: <a href="http://www.dtei.sa.gov.au">www.dtei.sa.gov.au</a>
Tasmania	Tasmanian Department of Infrastructure, Energy and Resources	Telephone: 1300 135 513 Website: <a href="http://www.transport.tas.gov.au">www.transport.tas.gov.au</a>
Victorian	Victorian Department of Transport	Telephone: 03 9655 6666 Website: <a href="http://www.taxi.vic.gov.au">www.taxi.vic.gov.au</a>
West Australia	WA Department of Transport	Telephone: 13 11 56 Website: <a href="http://www.dpi.wa.gov.au">www.dpi.wa.gov.au</a>

## Licensing

### Heavy Vehicle

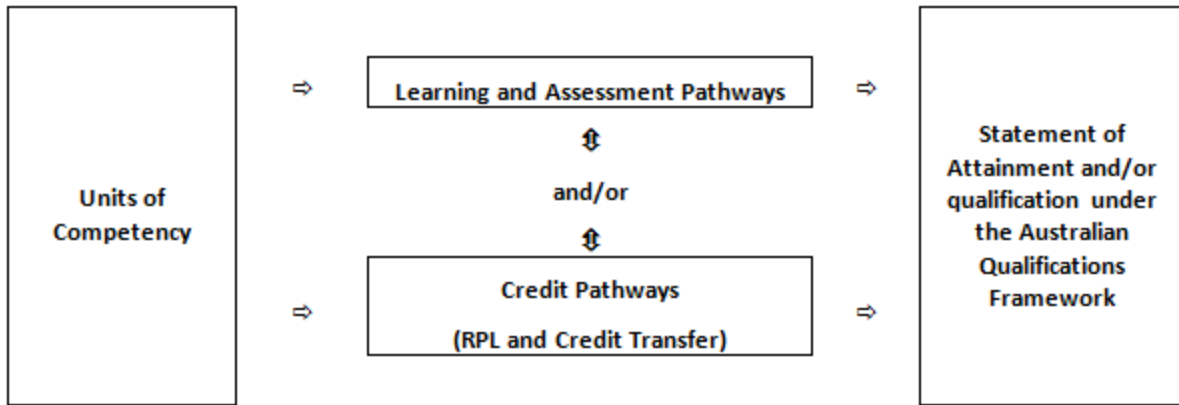
Jurisdiction	Regulatory Body	Address
Victoria	Vic Roads	Telephone: 13 11 71 Website: <a href="http://www.vicroads.vic.gov.au">www.vicroads.vic.gov.au</a>
Australian Capital Territory	Rego Act	Telephone: 13 22 81 Website: <a href="http://www.rego.act.gov.au">www.rego.act.gov.au</a>
New South Wales	NSW Government Road and Traffic Authority	Telephone: 132 213 Website: <a href="http://www.rta.nsw.gov.au/">www.rta.nsw.gov.au/</a>
Northern Territory	Northern Territory Government Northern Territory Transport Group	Telephone: 1300 654 628 Website: <a href="http://www.nt.gov.au/transport/mvr/index.shtml">www.nt.gov.au/transport/mvr/index.shtml</a>
Queensland	Queensland Government Transport and Main Roads	Telephone: 13 23 80 Website: <a href="http://www.transport.qld.gov.au">www.transport.qld.gov.au</a>
South Australia	Department of Transport, Energy & Infrastructure SA	Telephone: 13 10 84 Website: <a href="http://www.transport.sa.gov.au/index.asp">www.transport.sa.gov.au/index.asp</a>
Tasmania	Department of Infrastructure, Energy & Resources Tasmania Transport	Telephone: 1300 135 513 Website: <a href="http://www.transport.tas.gov.au">www.transport.tas.gov.au</a>

## 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.



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; and
- 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, and
- 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:

- |   |
|---|
| <p>1.4 Training and assessment are conducted by trainers and assessors who:</p> <ol style="list-style-type: none"><li>a. have the necessary training and assessment competencies as determined by the National Quality Council or its successors, and</li><li>b. have the relevant vocational competencies at least to the level being delivered or assessed, and</li><li>c. can demonstrate current industry skills directly relevant to the training/assessment being undertaken, and</li><li>d. continue to develop their Vocational Education and Training (VET) knowledge and skills as well as their industry currency and trainer/assessor competence.</li></ol> |
|---|

\* 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.ntis.gov.au](http://www.ntis.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

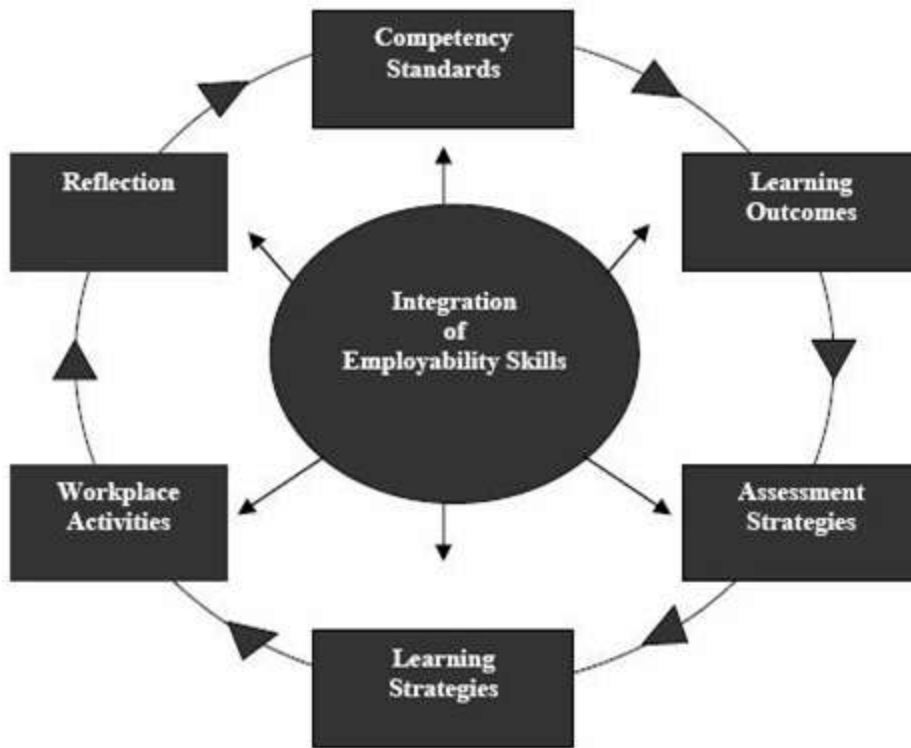
Assessments must meet the criteria set out in the AQTF 2010 *Essential Standards for Initial and Continuing Registration*. For information, the mandatory assessment requirements from Standard 1 from the AQTF 2010 *Essential Standards for Initial and Continuing Registration* are as follows:

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.com.au](http://www.tlisc.com.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 <<http://www.deewr.gov.au/tpdh/Pages/home.aspx>>.

## 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.com.au](mailto:tlisc@tlisc.com.au)  
Web: [www.tlisc.com.au](http://www.tlisc.com.au)

#### **Technical and Vocational Education and Training (TVET) Australia Limited**

Level 21, 390 St Kilda Road, Melbourne VIC 3004  
PO Box 12211, A'Beckett Street Post Office  
Melbourne VIC 8006  
Ph: +61 3 9832 8100  
Fax: +61 3 9832 8199  
Email: [sales@tvetaustralia.com.au](mailto:sales@tvetaustralia.com.au)  
Web: [www.tvetaustralia.com.au](http://www.tvetaustralia.com.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](mailto:virtual@ibsa.org.au)

Web: [www.ibsa.org.au](http://www.ibsa.org.au)

### General resources

*AQF Implementation Handbook*, Fourth Edition 2007. Australian Qualifications Framework Advisory Board, 2002 <[www.aqf.edu.au](http://www.aqf.edu.au)>

*Australian Quality Training Framework (AQTF) and AQTF 2010 Users' Guide to the Essential Standards for Registration* –

<<http://www.training.com.au/pages/menueitem5cbe14d51b49dd34b225261017a62dbc.aspx>>

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.ntis.gov.au](http://www.ntis.gov.au)>

The Training Package Development Handbook site provides National Quality Council policy for the development of Training Packages. The site also provides guidance material for the application of that policy, and other useful information and links.

<<http://www.deewr.gov.au/Skills/Overview/Policy/TPDH/Pages/main.aspx>>

### 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 purchased or accessed from:

- TVET Australia – provides an integrated service to enable users of the national training system to identify and acquire training materials, identify copyright requirements and enter licenses for use of that material consistent with the scope and direction of the NQC <<http://www.productservices.tvetaustralia.com.au/>>.
- 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.com.au](mailto:tlisc@tlisc.com.au)  
Web: [www.tlisc.com.au](http://www.tlisc.com.au)

### Assessment tool design and conducting assessment

VETASSESS & Western Australian Department of Training and Employment 2000,

Designing Tests – Guidelines for designing knowledge based tests for Training Packages.

Vocational Education and Assessment Centre 1997, Designing Workplace Assessment Tools, A self-directed learning program, NSW TAFE.

Manufacturing Learning Australia 2000, Assessment Solutions, Australian Training Products, Melbourne.

Rumsey, David 1994, Assessment practical guide, Australian Government Publishing Service, Canberra.

### **Assessor training**

Australian Committee on Training Curriculum (ACTRAC) 1994, *Assessor training program - learning materials*, Australian Training Products, Melbourne.

Australian National Training Authority, *A Guide for Professional Development*, ANTA, Brisbane.

Australian Training Products Ltd *Assessment and Workplace Training, Training Package - Toolbox*, ATPL Melbourne (available from TVET).

Green, M, et al. 1997, *Key competencies professional development Package*, Department for Education and Children's Services, South Australia.

Victorian TAFE Association 2000, *The professional development CD: A learning tool*, VTA, Melbourne.

### **Assessment system design and management**

Office of Training and Further Education 1998, *Demonstrating best practice in VET project - assessment systems and processes*, OTFE (now OTTE) Victoria.

Toop, L., Gibb, J. & Worsnop, P. *Assessment system designs*, Australian Government Publishing Service, Canberra.

### **Access and equity resources**

For supporting resources, regularly check DEEWR Training & Skills section publications (which may include ANTA publications):

<[www.dest.gov.au/sectors/training\\_skills/publications\\_resources](http://www.dest.gov.au/sectors/training_skills/publications_resources)>.

Resources developed to support training and assessment for learners from equity groups or with special needs can be located via the VOCED website <[www.voced.edu.au](http://www.voced.edu.au)>.

### **Legislation**

*Racial Discrimination Act 1975*

<<http://www.comlaw.gov.au/ComLaw/Legislation/ActCompilation1.nsf/all/search/A413ADB46D5CC9B2CA257607000EBE58>>.

*Disability Discrimination Act 1992 (DDA)*

<<http://www.comlaw.gov.au/ComLaw/Legislation/ActCompilation1.nsf/all/search/02E50FC08E783ED7CA257609000288E1>>.

Australian Human Rights Commission <[www.hreoc.gov.au](http://www.hreoc.gov.au)>.

### **Working with Diversity –AQTF supporting resources**

Working with Diversity: A Guide to Equity and the AQTF

Working with Diversity: Quality Training for People with a Disability

Working with Diversity: Quality Training for Indigenous Australians

### **Language & Literacy**

Adult literacy, DEEWR LiteracyNet

<<http://www.deewr.gov.au/Skills/Programs/LitandNum/LiteracyNet/Pages/default.aspx>>.

### **Indigenous**

Australian Government Indigenous Portal <[www.indigenous.gov.au](http://www.indigenous.gov.au)>.

Indigenous Education Online <<https://indigo.deewr.gov.au/>>.

Indigenous Education Consultative Bodies (IECB): contact State and Territory Training Authorities.

*Partners in a Learning Culture – National Strategy and Blueprint for Implementation* available from DEST (ANTA publication)

<[www.dest.gov.au/sectors/training\\_skills/publications\\_resources/profiles/anta/profile/partners\\_in\\_a\\_learning\\_culture\\_final\\_report.htm](http://www.dest.gov.au/sectors/training_skills/publications_resources/profiles/anta/profile/partners_in_a_learning_culture_final_report.htm)>.

### **Disability**

Australian Disability Clearinghouse on Education and Training (ADCET)

<[www.adcet.edu.au](http://www.adcet.edu.au)>.

Disability employment agencies: contact state and territory offices of Department of Families, Housing, Community Services and Indigenous Affairs for details of local disability employment agencies – or go to <<http://www.fahcsia.gov.au/Pages/default.aspx>>.

### **Women**

*Women: Shaping Our Future*

<[www.dest.gov.au/sectors/training\\_skills/publications\\_resources/profiles/anta/profile/women\\_shaping\\_our\\_future.htm](http://www.dest.gov.au/sectors/training_skills/publications_resources/profiles/anta/profile/women_shaping_our_future.htm)>.

Equal Opportunity in the Workplace Agency (EOWA) <[www.eowa.gov.au](http://www.eowa.gov.au)>.

## **Competency Standards**

## **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.

<b>Unit Title</b>	Give formal presentations and take part in meetings <b>(Communication)</b>
<b>Unit Descriptor</b>	This unit covers the skills and knowledge required to promote the use and implementation of innovative work practices to effect change. <b>(Initiative and enterprise)</b>
<b>Element</b>	Proactively resolve issues. <b>(Problem solving)</b>
<b>Performance Criteria</b>	Information is organised in a format suitable for analysis and dissemination in accordance with organisational requirements. <b>(Planning and organising)</b>
<b>Range Statement</b>	Software applications may include email, internet, word processing, spreadsheet, database or accounting packages. <b>(Technology)</b>
<b>Required Skills and Knowledge</b>	Modify activities depending on differing workplace contexts, risk situations and environments. <b>(Learning)</b>  Work collaboratively with others during a fire emergency. <b>(Teamwork)</b>  Instructions, procedures and other information relevant the maintenance of vessel and port security. <b>(Communication)</b>
<b>Evidence Guide</b>	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**

### **Qualifications Framework**

#### **The Australian 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 *AQF Implementation Handbook*.

<[http://www.aqf.edu.au/Portals/0/Documents/Handbook/AQF\\_Handbook\\_07.pdf](http://www.aqf.edu.au/Portals/0/Documents/Handbook/AQF_Handbook_07.pdf)>.

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 *AQF Implementation Handbook* and the AQTF 2010 *Essential Standards for Initial and 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 2010 *Essential Standards for Initial and Continuing Registration*.

Under the AQTF 2010, 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 selection 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.



## **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.

## 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 co-ordination 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.

## **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.

## **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.

## Sector and Qualifications Pathways

### Sector and Qualifications Pathways

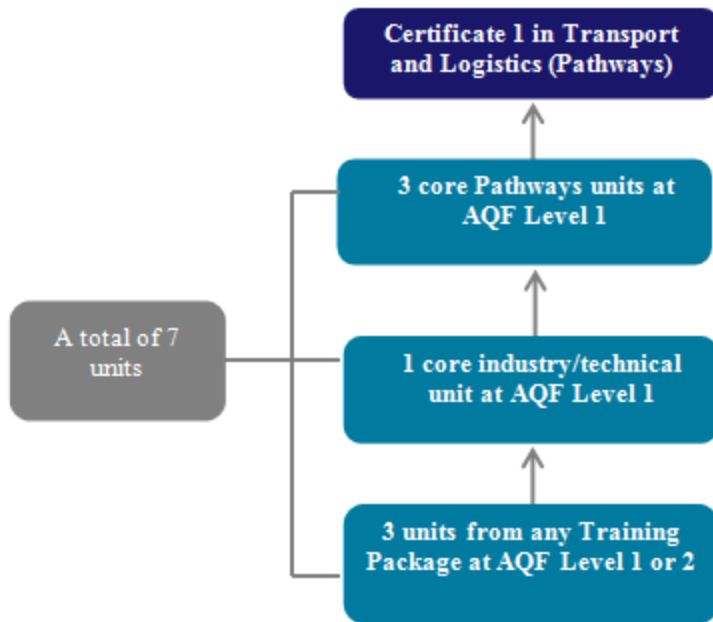
There are many pathways into and through occupations within the Transport and Logistics Industry. These occupations are subject to a wide range of state, territory, national and international regulatory requirements, codes and licences.

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.

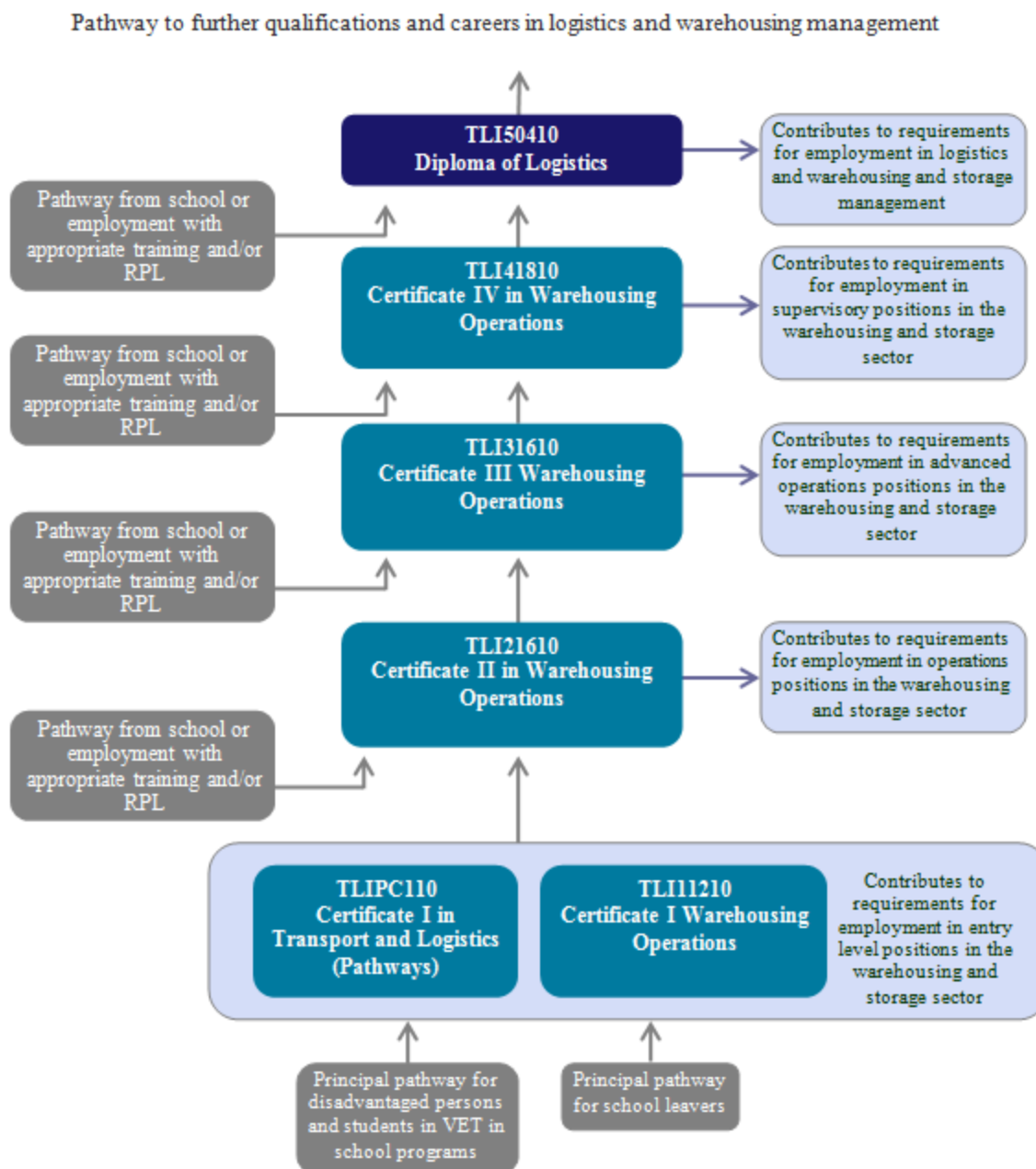
The information described in Figures 2–7 is an example of a Sector Pathway. The information described in Figures 8 & 9 is an example of a certificate pathway. The information describes the pathway relationships between the ‘education pathways’ and is not intending to provide information on the diverse 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

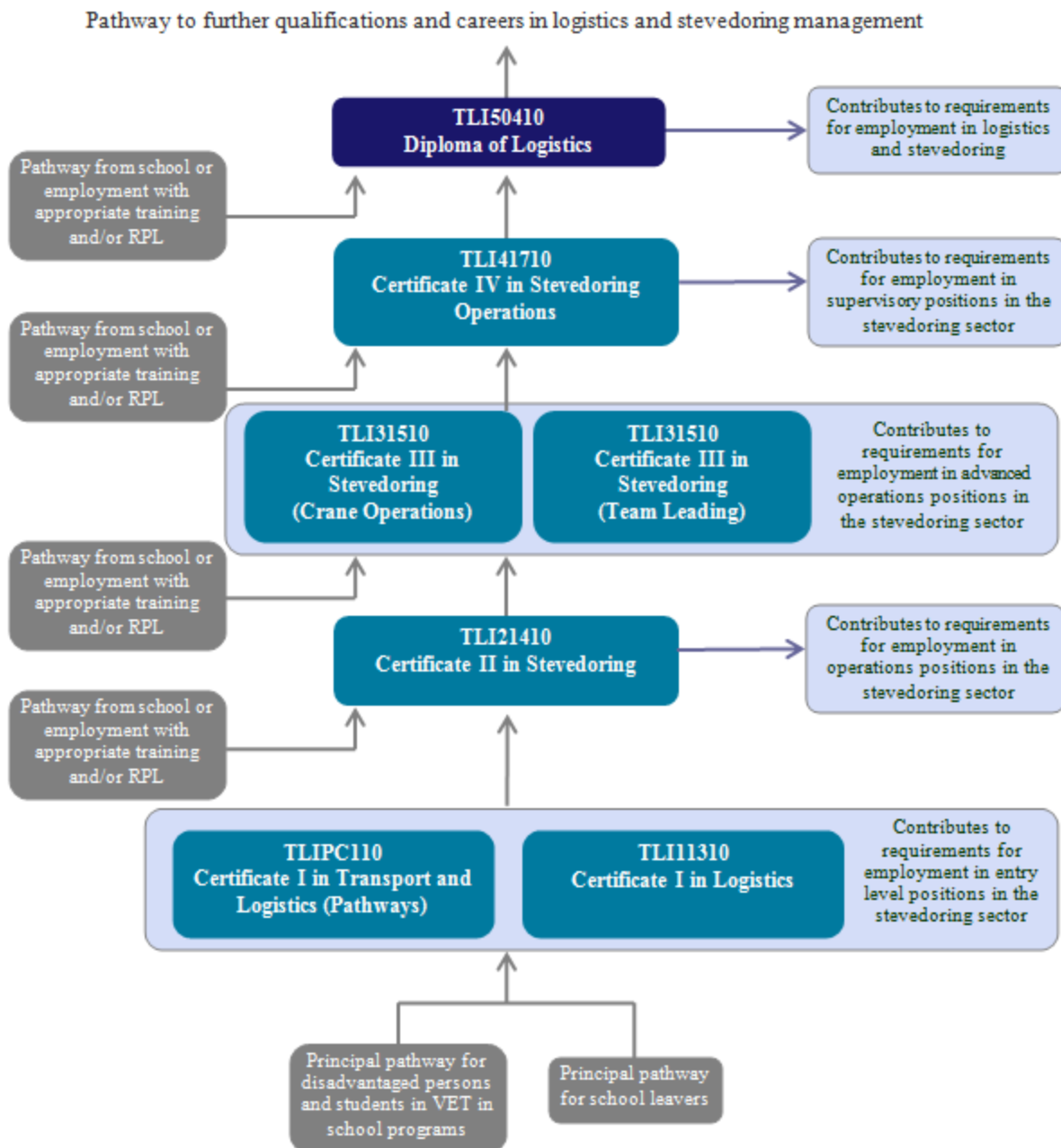


**Figure 3: Warehousing and Distribution Pathways**

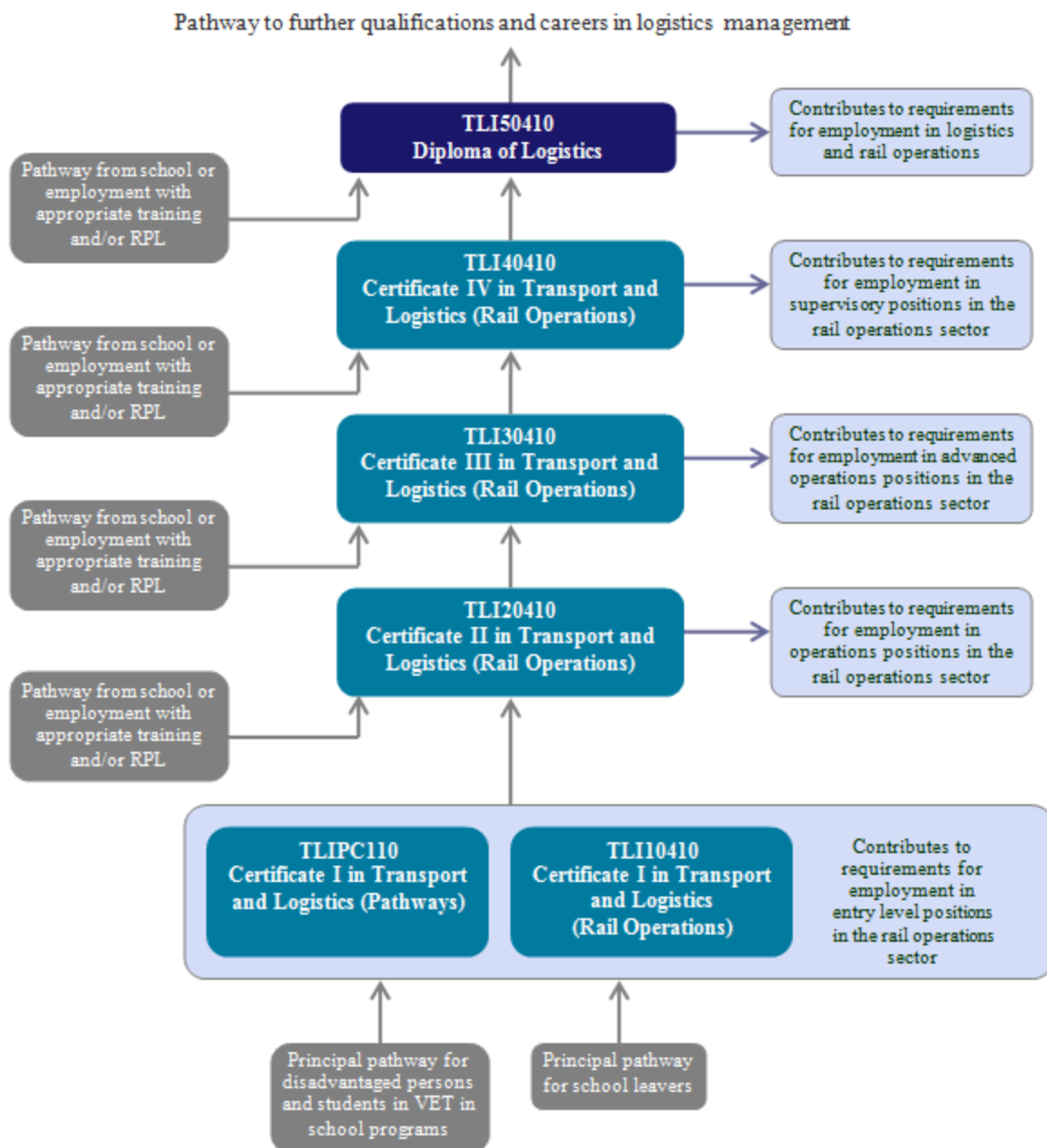




**Figure 4: Stevedoring Pathways**

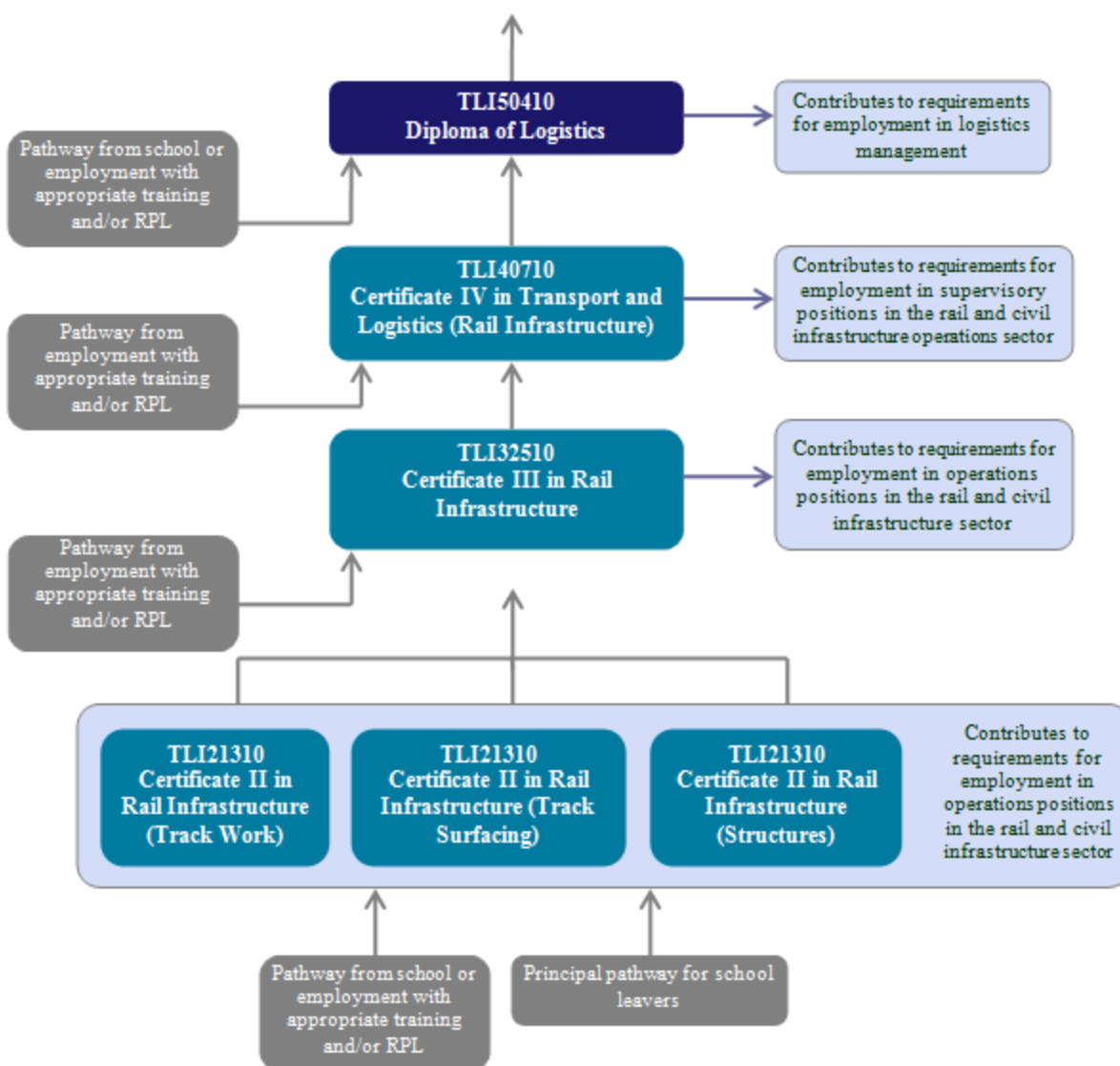


**Figure 5: Rail Operations Pathways**

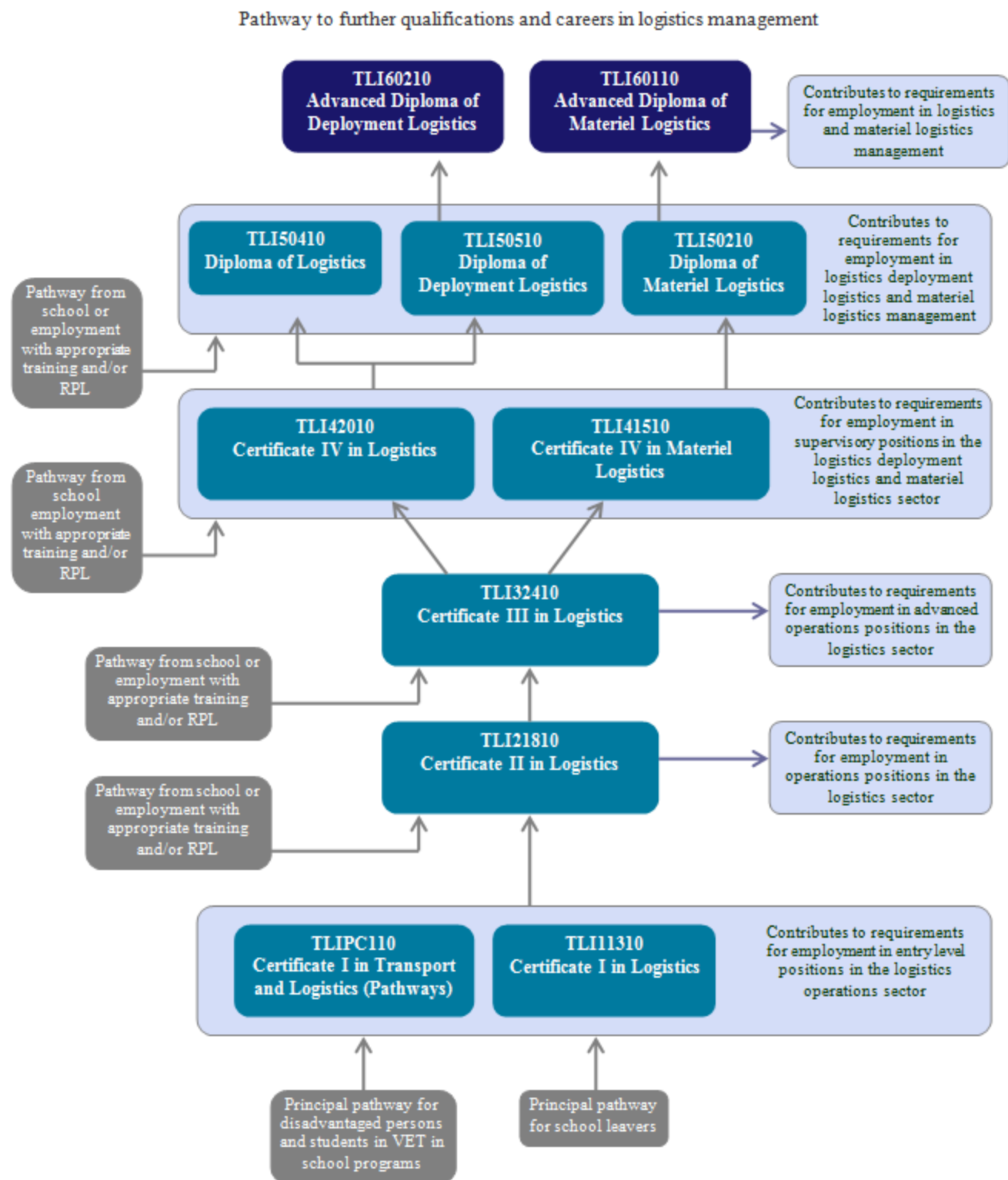


**Figure 6: Rail Infrastructure Pathways**

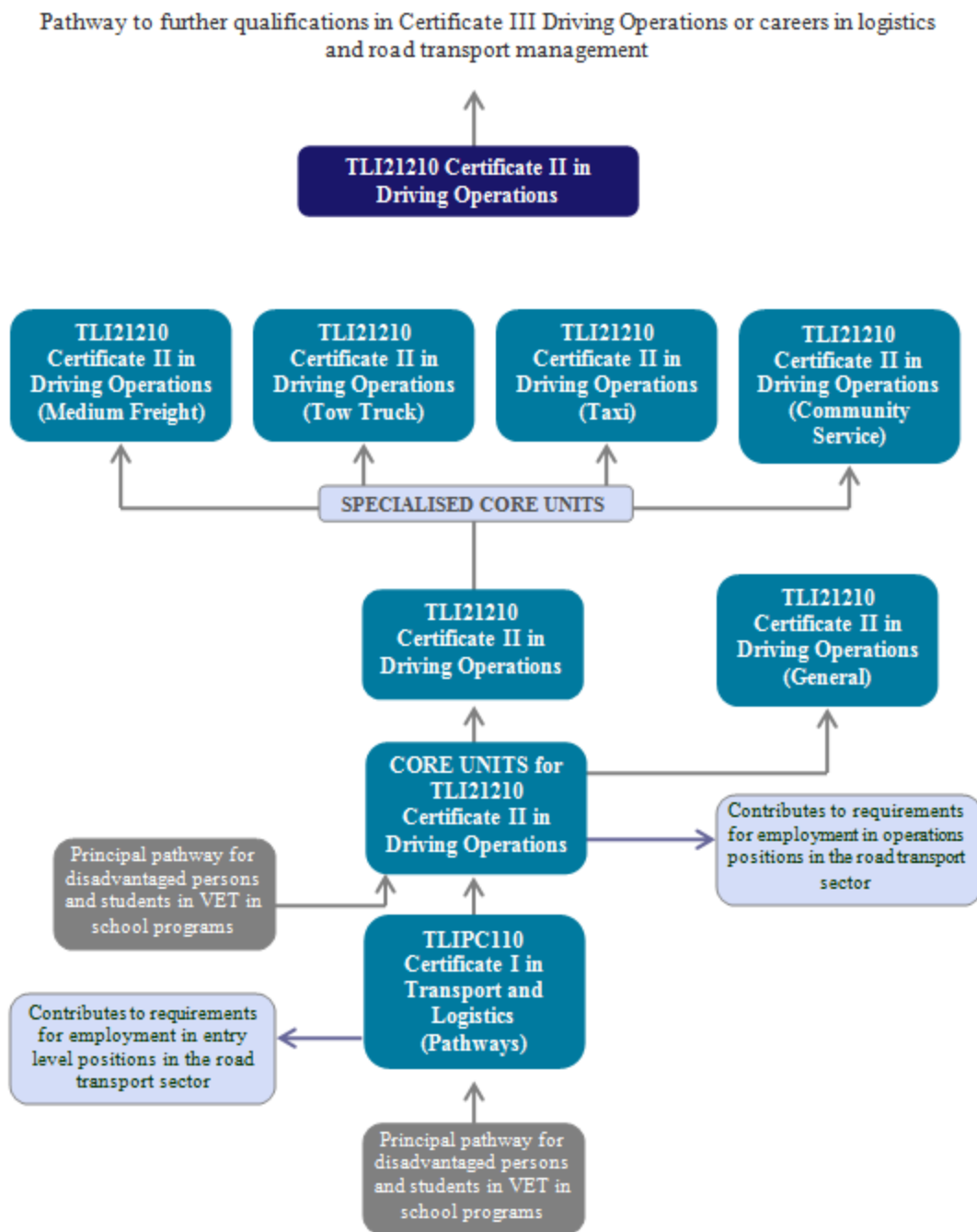
Pathway to further qualifications and careers in logistics and rail infrastructure management



**Figure 7: Logistics Pathways**

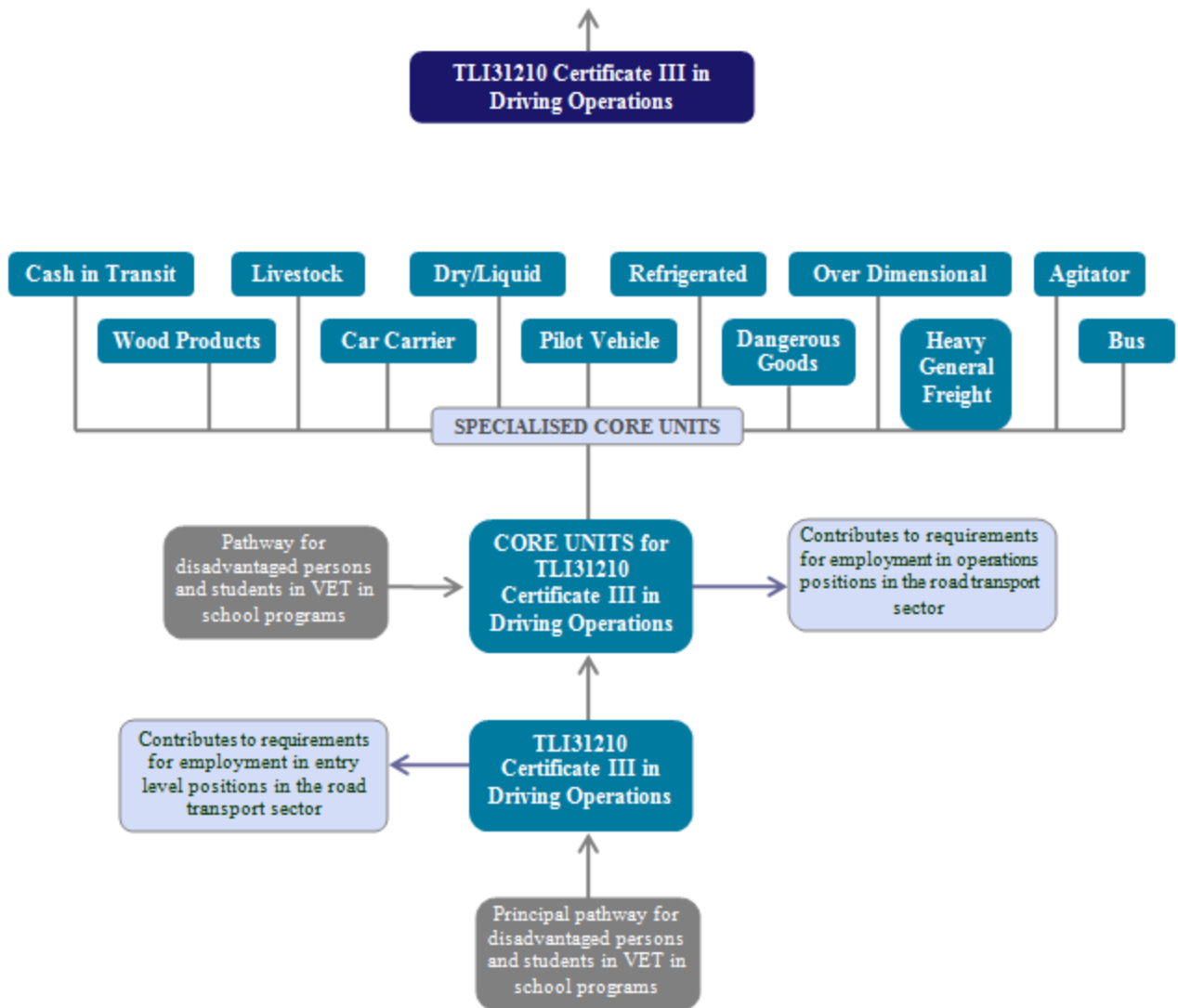


**Figure 8: Certificate II in Driving Operations Pathways**



**Figure 9: Certificate III in Driving Operations Pathways**

Pathway to further qualifications and careers in logistics and road transport management



## TLI10 Version 1.1 Qualifications and Packaging Rules

### TLI10 Version 1.1 Qualifications and Packaging Rules

The qualifications and packaging rules for TLI10 (Version 1.1) are listed in the remainder of this section in the order below.

---

#### Certificate I

TLIPC110	Certificate I in Transport and Logistics (Pathways)
TLI10410	Certificate I in Transport and Logistics (Rail Operations)
TLI11210	Certificate I in Warehousing Operations
TLI11310	Certificate I in Logistics

---

#### Certificate II

TLI20410	Certificate II in Transport and Logistics (Rail Operations)
TLI21210	Certificate II in Driving Operations
TLI21310	Certificate II in Rail Infrastructure
TLI21410	Certificate II in Stevedoring
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

---

#### Certificate III

TLI30410	Certificate III in Transport and Logistics (Rail Operations)
TLI31210	Certificate III in Driving Operations
TLI31310	Certificate III in International Freight Forwarding (Operator)
TLI31410	Certificate III in Rail Driving
TLI31510	Certificate III in Stevedoring
TLI31610	Certificate III in Warehousing Operations
TLI31710	Certificate III in Mobile Crane Operations
TLI31810	Certificate III in Rail Track Surfacing
TLI31910	Certificate III in Mechanical Rail Signalling
TLI32110	Certificate III in Rail Structures
TLI32310	Certificate III in Electric Passenger Train Guard

---

TLI32410	Certificate III in Logistics
TLI32510	Certificate III in Rail Infrastructure

### Certificate IV

TLI40410	Certificate IV in Transport and Logistics (Rail Operations)
TLI40710	Certificate IV in Transport and Logistics (Rail Infrastructure)
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

### Diploma

TLI50210	Diploma of Materiel Logistics
TLI50310	Diploma of International Freight Forwarding
TLI50410	Diploma of Logistics
TLI50510	Diploma of Deployment Logistics

### Advanced Diploma

TLI60110	Advanced Diploma of Materiel Logistics
TLI60210	Advanced Diploma of Deployment Logistics

### Overview

There are 42 qualifications in the TLI10 Transport and Logistics (Version 1.1) Training Package at the following AQF levels:



- 4 at AQF 1 Certificate 1
- 8 at AQF 2 Certificate II
- 13 at AQF 3 Certificate III
- 11 at AQF 4 Certificate IV
- 4 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– 4 qualifications
- Driving operations – 2 qualifications
- International freight forwarding – 3 qualifications
- Stevedoring – 3 qualifications
- Rail operations – 6 qualifications
- Rail infrastructure – 6 qualifications
- Mobile crane operations – 2 qualifications
- Logistics – 6 qualifications
- Materiel logistics – 3 qualifications.
- Deployment logistics – 2 qualifications

The TLI10 Version 1.1 qualifications and relevant packing rules (including an employability skills summary for each) are presented in AQF level 1–6 order.

## Skill Sets

### 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 the 2010 edition of the AQF Implementation Handbook for advice on wording on Statements of Attainment.

<[http://www.aqf.edu.au/Portals/0/Documents/Handbook/AQF\\_Handbook\\_07.pdf](http://www.aqf.edu.au/Portals/0/Documents/Handbook/AQF_Handbook_07.pdf)>.

#### 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:

##### Road Transport

- Driving Instructor Skill Set
- International Freight Forwarding Skill Set
- Road Tunnel Operator Skill Set
- Road Safety Skill Set
- Open Road Operator Skill Set
- Mobile Crane Operations Supervisor Skill Set

##### Rail Infrastructure

- Rail Infrastructure Induction Skill Set
- Track Patrol Skill Set
- Track Inspection Skill Set
- Track Grinding Skill Set
- Track Lubrication Skill Set
- Minor Rail Plant Operation Skill Set
- Rail Plant Operation Skill Set
- Rail Adjustment Skill Set
- Ultrasonic Rail Testing Skill Set
- Ultrasonic Points and Crossings Testing Skill Set

- Aluminothermic Welding Skill Set
- Flashbutt Welding Skill Set
- Electric/Track Welding Skill Set
- Repairing Concrete/Masonry Structures Skill Set
- Repairing Steel Structures Skill Set
- Repairing Timber Structures Skill Set
- Installing Transoms Skill Set
- Installing Minor Structures Skill Set
- Maintain Bridge Bearings Skill Set
- Turnout Building Skill Set
- Turnout Maintaining Skill Set
- Examining Concrete/Masonry Structures Skill Set
- Examining Steel Structures Skill Set
- Examining Timber Structures Skill Set
- Accessing the Rail Corridor Skill Set
- Lookout Working Skill Set
- Handsignaller Skill Set
- Conduct Track Protection Skill Set
- Blocking Protection Skill Set
- Track Occupancy Protection Skill Set
- Control Rail Traffic Through Worksite Skill Set
- Plan Track Possessions Protection Skill Set
- Coordinate Multiple Work Groups Skill Set
- Access and Move a Track Vehicle Within a Defined Worksite Skill Set
- Travel Track Vehicle Under Occupancy Authority Skill Set
- Travel Track Vehicle Under Block Working Conditions Skill Set
- Operate Signalling/Point Control Equipment Skill Set
- Maintain Mechanical Equipment Skill Set
- Install Mechanical Equipment Skill Set
- Maintain Aerial Signal/Telecommunication Lines and Cables Skill Set

## **Logistics**

- Integrated Logistics Support (ILS) Practitioner Skill Set
- Logistics Sustainment Practitioner Skill Set
- Integrated Logistics Support Inventory Controller Skill Set
- Logistics Inventory Controller Skill Set
- Logistics Configuration Management Skill Set
- Integrated Logistics Support Management Skill Set
- Logistics Sustainment Management Skill Set
- Logistics Product Management Skill Set
- Logistics Executive Management Skill Set
-