



Education and Training

Victorian Purchasing Guide

TLI Transport and Logistics Training Package Release 13.0

December 2022

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Victorian Purchasing Guide - Release History

Note: RTOs should refer to the National Register for the detail of changes in each Release.

| Training Package Release | Date VPG Approved | Comments |
|--------------------------------|-----------------------|---|
| Release 13.0 | 1 December 2022 | This Victorian Purchasing guide reflects Release 13.0 of the TLI Transport and Logistics TrainingPackage which includes: 5 revised qualifications: TLI30122 Certificate III in Mobile Crane Operations TLI40722 Certificate IV in Mobile Crane Operations TLI40822 Certificate IV in Rail Safety Investigation TLI41222 Certificate IV in Motor Vehicle Driver Training TLI42422 Certificate IV in Rail Safety Management 7 non-equivalent units of competency 16 revised units of competency |
| Release 12.0 | 31 August 2022 | This Victorian Purchasing guide reflects Release 12.0 of the Training Package which includes: 4 revised qualifications: TLI31222 Certificate III in Driving Operations TLI37122 Certificate III in Rail Infrastructure TLI42622 Certificate IV in Train Driving TLI50822 Diploma of Customs Broking 4 new units of competency 12 revised units of competency 2 deleted units of competency |
| Release 11.0 | 17 May 2022 | This Victorian Purchasing guide reflects Release 11.0 of the Training Package which includes: 2 revised qualifications: TLI22321 Certificate II in Rail Customer Service TLI33121 Certificate III in Rail Customer Service 5 revised units of competency 1 deleted unit of competency |
| Release 10 | 20 January 2022 | This Victorian Purchasing guide reflects Release 10.0 of the Training Package which includes: |



| Training Package Release | Date VPG Approved | Comments |
|--------------------------------|------------------------|--|
| | | • 1 new qualification, TLI29921 Certificate II in Rolling Stock Maintenance |
| | | 40 revised qualifications |
| | | 7 new units of competency |
| | | 20 revised non-equivalent units of competency |
| | | 78 revised equivalent units of competency |
| | | 33 deleted units of competency |
| Release 9 | 17 May 2021 | This Purchasing Guide reflects Release 9 of the TLI Transport and Logistics Training Package which includes: |
| | | 1 revised qualification - TLI50420 Diploma of Materiel Logistics |
| | | 7 new units of competency |
| | | 2 deleted units of competency |
| Release 8 | 26 February | This Purchasing Guide reflects Release 8 of the TLI Transport and Logistics Training Package which includes: |
| | 2021 | 11 revised qualifications |
| | | 8 new units of competency |
| | | 36 revised units of competency |
| Release 7 | 4 December | The Purchasing Guide reflects Release 7 of the TLI Transport and Logistics Training Package which includes: |
| | 2020 | TLI30120 Certificate III in Passenger Train Guard |
| | | TLI30220 Certificate III in Mechanical Rail Signalling |
| | | TLI40120 Certificate IV in Rail Network Control |
| | | • five (5) new units of competency |
| | | • five (5) revised equivalent units of competency |
| Release 6 | 15 July 2020 | This Purchasing Guide reflects endorsement of Release 6 of the TLI Transport and Logistics Training Package which includes: |
| | | 19 revised equivalent qualifications |
| | | 39 revised units of competency |
| | | • 24 new units of competency |
| Release 5 | 13 November 2018 | This Purchasing Guide reflects Release 5 of the TLI Transport and Logistics Training package which includes: |
| | | 7 updated qualifications |
| | | 13 revised High Risk Work Licensing units |



| Training Package Release | Date VPG Approved | Comments |
|--------------------------------|------------------------|---|
| Release 4 | 20 Sept 2018 | This Purchasing Guide reflects the endorsement of: 9 new units of competency 6 revised units of competency 1 new qualification – TLI40118 Certificate IV in Transport Scheduling 13 revised qualifications |
| Release 3 | 14 June 2017 | This Purchasing Guide reflects the endorsement of three new units of competency, packaged as elective units in five revised qualifications from the TLI Transport and Logistics Training Package. These units align training with the heavy vehicle fatigue management accreditation processes of the National Heavy Vehicle Regulator and meet requirements under the Heavy Vehicle National Law. |
| Release 2 | 5 May 2016 | This Purchasing Guide reflects the second release of units and qualifications in the TLI Transport and Logistics Training Package. Qualifications span AQF Levels 2 to 5 in the following sectors: Warehousing and Logistics Road Transport International Freight Forwarding and Customs Broking Stevedoring and Mobile Cranes |
| Release 1 | 10 December 2015 | This Purchasing Guide reflects the first release of units and qualifications in the TLI Transport and Logistics Training Package. Qualifications span AQF levels 1 to 6 in the following sectors: Warehousing and Logistics sector – 5 qualifications and 139 units of competency Stevedoring sector – 1 qualification and 5 units of competency Rail Transport sector – 26 qualifications and 245 units of competency Materiel and Deployment Logistics sector – 5 qualifications and 50 units of competency |



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Introduction

What is a Victorian Purchasing Guide?

The Victorian Purchasing Guide provides information for use by Registered Training Organisations (RTOs) in the provision of Victorian government subsidised training.

Specifically, the Victorian Purchasing Guide provides the following information related to the delivery of nationally endorsed Training Packages in Victoria:

- The maximum and minimum payable hours available for each qualification.
- Nominal hours for each unit of competency within the Training Package.

Registration

RTOs must be registered by either the Victorian Registration and Qualifications Authority (VRQA) or the Australian Skills Qualification Authority (ASQA) regulatory body to be eligible to issue qualifications and Statements of Attainment under the Australian Qualifications Framework (AQF).

The VRQA is the regulatory authority in Victoria responsible for the registration of Vocational Education and Training (VET) providers who offer courses to domestic students in Victoria only.

ASQA is the regulatory authority responsible for the registration of VET providers who offer training in Victoria, nationally and / or internationally.

Transition

The relationship between new units and any superseded or replaced units from the previous version of TLI Transport and Logistics Training Package Release 13.0 is provided in the Training Package Companion Volume Implementation Guide. (See <u>VETnet.gov.au</u> for more information).

Information regarding transition arrangements can be obtained from the state or national VET Regulatory Authority (see Contacts and Links section).

RTOs must ensure that all training and assessment leading to issuance of qualifications or Statements of Attainment from the TLI Transport and Logistics Training Package Release 13.0 is conducted against the Training Package units of competency and complies with the assessment requirements.



Qualifications

| Code | Title | Minimum Payable Hours | Maximum Payable Hours |
|----------|---|-----------------------------|-----------------------------|
| TLI11321 | Certificate I in Supply Chain Operations | 238 | 250 |
| TLI20221 | Certificate II in Road Transport Terminal Operations | 418 | 440 |
| TLI20321 | Certificate II in Stevedoring | 409 | 430 |
| TLI20421 | Certificate II in Supply Chain Operations | 399 | 420 |
| TLI21221 | Certificate II in Driving Operations | 456 | 480 |
| TLI21921 | Certificate II in Track Protection | 314 | 330 |
| TLI22321 | Certificate II in Rail Customer Service | 261 | 275 |
| TLI22421 | Certificate II in Furniture Removal | 295 | 310 |
| TLI23221 | Certificate II in Shunting | 418 | 440 |
| TLI27121 | Certificate II in Rail Infrastructure | 475 | 500 |
| TLI27221 | Certificate II in Rail Track Vehicle Driving | 404 | 425 |
| TLI29921 | Certificate II in Rolling Stock Maintenance | 589 | 620 |
| TLI30122 | Certificate III in Mobile Crane Operations | 969 | 1020 |
| TLI30219 | Certificate III in Stevedoring | 513 | 540 |
| TLI30321 | Certificate III in Supply Chain Operations | 570 | 600 |
| TLI30521 | Certificate III in Passenger Train Guard | 464 | 488 |
| TLI31222 | Certificate III in Driving Operations | 594 | 625 |
| TLI31321 | Certificate III in International Freight Forwarding (Operator) | 404 | 425 |
| TLI31421 | Certificate III in Light Rail Driving | 513 | 540 |
| TLI31921 | Certificate III in Mechanical Rail Signalling | 532 | 560 |
| TLI32121 | Certificate III in Rail Structures | 337 | 355 |
| TLI32721 | Certificate III in Track Protection | 252 | 265 |
| TLI32821 | Certificate III in Rail Operations | 399 | 420 |
| TLI33021 | Certificate III in Heritage Locomotive Assistant or Steam Locomotive Fireman | 318 | 335 |
| TLI33121 | Certificate III in Rail Customer Service | 285 | 300 |
| TLI33221 | Certificate III in Terminal Train Driving | 475 | 500 |
| TLI33321 | Certificate III in Furniture Removal | 333 | 350 |
| TLI37122 | Certificate III in Rail Infrastructure | 328 | 345 |

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| Code | Title | Minimum Payable Hours | Maximum Payable Hours |
|----------|--|-----------------------------|-----------------------------|
| TLI40121 | Certificate IV in Specialist Driving Operations | 428 | 450 |
| TLI40221 | Certificate IV in International Freight Forwarding (Senior Operator) | 428 | 450 |
| TLI40321 | Certificate IV in Supply Chain Operations | 656 | 690 |
| TLI40421 | Certificate IV in Stevedoring Operations | 608 | 640 |
| TLI40521 | Certificate IV in Traffic Control Room Operations | 532 | 560 |
| TLI40722 | Certificate IV in Mobile Crane Operations | 912 | 960 |
| TLI40822 | Certificate IV in Rail Safety Investigation | 475 | 500 |
| TLI40921 | Certificate IV in Rail Network Control | 432 | 455 |
| TLI41222 | Certificate IV in Motor Vehicle Driver Training (Car) | 375 | 395 |
| TLI41515 | Certificate IV in Materiel Logistics | 513 | 540 |
| TLI42422 | Certificate IV in Rail Safety Management | 437 | 460 |
| TLI42622 | Certificate IV in Train Driving | 979 | 1030 |
| TLI47121 | Certificate IV in Rail Infrastructure | 504 | 530 |
| TLI50119 | Diploma of International Freight Forwarding | 741 | 780 |
| TLI50221 | Diploma of Logistics | 836 | 880 |
| TLI50319 | Diploma of Deployment Logistics | 580 | 610 |
| TLI50420 | Diploma of Materiel Logistics | 741 | 780 |
| TLI50621 | Diploma of Rail Operations Management | 537 | 565 |
| TLI50716 | Diploma of Bus and Coach Operations | 608 | 640 |
| TLI50822 | Diploma of Customs Broking | 480 | 505 |
| TLI60115 | Advanced Diploma of Materiel Logistics | 722 | 760 |
| TLI60119 | Advanced Diploma of Deployment Logistics | 646 | 680 |



Units of Competency and Nominal Hours

| Unit Code | Unit Title | Nominal Hours |
|--------------|--|------------------|
| TLIA0001 | Complete import procedures | 30 |
| TLIA0002 | Prepare cargo for export | 40 |
| TLIA0003 | Complete and check import/export documentation | 30 |
| TLIA0004 | Complete receival and despatch documentation | 40 |
| TLIA0005 | Connect and disconnect reefer units | 40 |
| TLIA0006 | Coordinate goods to bond premises | 20 |
| TLIA0007 | Coordinate stevedoring clerical functions | 40 |
| TLIA0008 | Coordinate stocktakes | 20 |
| TLIA0009 | Coordinate terminal/wharf equipment operations | 30 |
| TLIA0010 | Identify goods and store to specifications | 40 |
| TLIA0011 | Implement and monitor stevedoring regulations | 40 |
| TLIA0012 | Lash and unlash cargo | 20 |
| TLIA0013 | Maintain container and freight records | 20 |
| TLIA0014 | Organise and monitor terminal/wharf operations | 40 |
| TLIA0015 | Organise receival and despatch operations | 55 |
| TLIA0016 | Organise warehouse records operations | 30 |
| TLIA0017 | Process receipt and delivery of containers and cargo | 40 |
| TLIA0018 | Transfer cargo | 40 |
| TLIA0019 | Despatch stock | 20 |
| TLIA0020 | Package goods | 20 |
| TLIA0021 | Participate in stocktakes | 20 |
| TLIA0022 | Pick and process orders | 20 |
| TLIA0023 | Receive goods | 20 |
| TLIA0024 | Replenish stock | 20 |
| TLIA0025 | Assess and monitor optimum stock levels | 20 |
| TLIA0026 | Check and control records and documentation | 20 |
| TLIA0027 | Consolidate freight | 40 |
| TLIA0028 | Implement safety stock systems | 60 |
| TLIA0029 | Monitor temperature controlled stock | 20 |



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| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIA0030 | Organise international transport of freight | 20 |
| TLIA0031 | Organise transport of freight or goods | 30 |
| TLIA0032 | Sort and consolidate mail and parcels | 80 |
| TLIA1001 | Secure cargo | 20 |
| TLIA2014 | Use product knowledge to complete work operations | 20 |
| TLIA3026 | Monitor storage facilities | 30 |
| TLIA5029 | Plan and manage storage of dangerous goods and hazardous substances | 40 |
| TLIA5035 | Manage international freight transfer | 60 |
| TLIA5058 | Manage facility and inventory requirements | 140 |
| TLIA5059 | Plan and organise the international forwarding of freight by sea and multimodal transport | 90 |
| TLIA5060 | Plan and organise the international forwarding of freight by air transport | 90 |
| TLIA5061 | Plan and organise the international forwarding of freight by road and rail transport | 90 |
| TLIB0001 | Perform inspection and basic maintenance on plant and equipment in the transport industry | 25 |
| TLIB0002 | Carry out vehicle inspection | 20 |
| TLIB0003 | Use and maintain minor mechanical equipment | 20 |
| TLIB0004 | Coordinate pooled equipment | 30 |
| TLIB0005 | Operate pooled equipment | 30 |
| TLIB0006 | Prepare and monitor automated operations | 40 |
| TLIB0007 | Respond and rectify rail traffic autonomous operations | 40 |
| TLIB0008 | Prepare passenger train as part of guard duties | 30 |
| TLIB0009 | Provide first-level rail network wayside technical support remotely | 30 |
| TLIB0010 | Provide first-level rail rolling stock technical support remotely | 30 |
| TLIB0011 | Undertake general site maintenance | 40 |
| TLIB0012 | Maintain and use hand tools | 20 |
| TLIB0013 | Apply knowledge of rail operation fundamentals in yards or sidings | 20 |
| TLIB0014 | Carry out a train roll-by inspection | 25 |
| TLIB0015 | Clean transportation units and facilities for passenger use | 20 |
| TLIB0016 | Clean up plant, equipment and worksite | 20 |
| TLIB0017 | Conduct a general train examination | 30 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIB0018 | Identify and rectify minor faults on rail traffic | 30 |
| TLIB0019 | Inspect, prepare and start an electric tram | 40 |
| TLIB0020 | Prepare electric passenger train | 30 |
| TLIB0021 | Read and interpret maintenance plans and job specifications | 40 |
| TLIB0022 | Test operation of electric passenger train braking system | 30 |
| TLIB0023 | Use communication systems in a taxi | 5 |
| TLIB0024 | Use mobile electronic track warning system | 30 |
| TLIB0029 | Conduct daily inspections on mobile cranes | 40 |
| TLIB0043 | Pack-up mobile crane tools and lifting equipment | 10 |
| TLIB0045 | Plan a mobile crane lift operation | 60 |
| TLIB0048 | Prepare a mobile crane for lift | 40 |
| TLIB0127 | Certify rolling stock prior to handover | 10 |
| TLIB0128 | Conduct pre-movement checks on motive power units | 20 |
| TLIB0132 | Start up and shut down a single locomotive | 15 |
| TLIB1093 | Clean equipment and restore worksite | 40 |
| TLIB2001 | Check and assess operational capabilities of equipment | 40 |
| TLIB2008 | Carry out inspection of trailers | 30 |
| TLIB2009 | Check conveyor operational status | 20 |
| TLIB2022 | Diagnose and rectify minor faults | 30 |
| TLIB2034 | Maintain poles and associated hardware | 40 |
| TLIB2073 | Clean road tankers | 40 |
| TLIB2079 | Set up and secure a towing situation | 40 |
| TLIB2081 | Repair timber structures | 40 |
| TLIB2082 | Repair steel structures | 40 |
| TLIB2083 | Maintain bridge bearings | 40 |
| TLIB2084 | Carry out routine maintenance of structures | 40 |
| TLIB2085 | Apply track fundamentals | 40 |
| TLIB2086 | Apply awareness of structures fundamentals | 40 |
| TLIB2091 | Measure and record track geometry | 20 |
| TLIB2092 | Operate minor mechanical equipment | 20 |
| TLIB2096 | Repair concrete/masonry structures | 40 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIB2097 | Install and maintain guard rails | 20 |
| TLIB2104 | Identify, diagnose and rectify faults on electric passenger trains | 20 |
| TLIB2111 | Assist with testing train braking system on electric passenger train | 15 |
| TLIB2121 | Maintain rail joints | 20 |
| TLIB2125 | Apply awareness of tram or light rail track fundamentals | 20 |
| TLIB2130 | Diagnose and rectify minor faults on on-track vehicles | 20 |
| TLIB2131 | Prepare train | 15 |
| TLIB2133 | Test medium/heavy track vehicle braking system | 15 |
| TLIB3002 | Test equipment and isolate faults | 40 |
| TLIB3014 | Load and unload wheeled or tracked crane | 20 |
| TLIB3015 | Undertake site inspection | 20 |
| TLIB3018 | Conduct full train examination | 40 |
| TLIB3019 | Test train braking system | 30 |
| TLIB3021 | Conduct train roll-by inspection | 25 |
| TLIB3026 | Prepare for train operation | 40 |
| TLIB3027 | Set up and shut down on-train remote control system | 30 |
| TLIB3040 | Inspect poles and associated hardware | 40 |
| TLIB3046 | Service and clean mechanical signalling equipment and infrastructure | 40 |
| TLIB3047 | Repair and adjust mechanical signalling equipment and infrastructure | 40 |
| TLIB3048 | Carry out off-site repair, overhaul and assembly of mechanical signalling equipment | 40 |
| TLIB3053 | Maintain mechanical signalling locking and interlocking devices | 40 |
| TLIB3058 | Maintain aerial signal/telecommunications lines and cables | 40 |
| TLIB3075 | Inspect and prepare a motive power unit | 40 |
| TLIB3087 | Examine timber structures | 40 |
| TLIB3088 | Examine steel structures | 40 |
| TLIB3094 | Check and repair track geometry | 40 |
| TLIB3095 | Check and repair points and crossings | 40 |
| TLIB3098 | Examine concrete/masonry structures | 20 |
| TLIB3099 | Examine track infrastructure | 20 |
| TLIB3100 | Visually inspect track infrastructure | 40 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIB3102 | Adjust rail | 40 |
| TLIB3113 | Diagnose and rectify minor faults on motive power units and rolling stock | 30 |
| TLIB3118 | Apply awareness of railway fundamentals | 10 |
| TLIB3120 | Test mechanical signalling equipment and isolate faults | 20 |
| TLIB3123 | Apply awareness of motive power unit fundamentals | 25 |
| TLIB3124 | Apply awareness of steam locomotive fundamentals | 20 |
| TLIB3126 | Assist in the testing of heritage train braking systems | 15 |
| TLIB3129 | Conduct pre-movement checks on rolling stock | 20 |
| TLIB4042 | Conduct inspection of safeworking procedures and infrastructure | 40 |
| TLIB4071 | Install and maintain pole mounted switches and transformers | 20 |
| TLIB4076 | Inspect and prepare a heritage motive power unit | 40 |
| TLIB4077 | Inspect and prepare a heritage steam locomotive | 40 |
| TLIB4081 | Provision a motive power unit | 20 |
| TLIB4082 | Set up motive power units in multi-coupled consist | 50 |
| TLIB5010 | Plan and implement maintenance schedules | 30 |
| TLIC0003 | Operate LP gas tanker | 40 |
| TLIC0005 | Close down rail traffic from autonomous operations | 20 |
| TLIC0006 | Set up rail traffic for autonomous operation | 20 |
| TLIC0007 | Assist to stable a train | 15 |
| TLIC0008 | Assist with shunting, coupling and uncoupling electric passenger trains | 40 |
| TLIC0009 | Perform guard duties as part of passenger train operations | 40 |
| TLIC0010 | Propel and operate light on-track equipment | 20 |
| TLIC0011 | Conduct heavy vehicle recovery operations | 80 |
| TLIC0012 | Drive a heavy vehicle through hazardous alpine areas | 40 |
| TLIC0013 | Drive and operate electric passenger train | 150 |
| TLIC0014 | Drive taxi | 40 |
| TLIC0015 | Drive train to operational requirements | 200 |
| TLIC0016 | Identify and respond to signals and trackside signs | 25 |
| TLIC0017 | Operate a concrete agitator | 40 |
| TLIC0018 | Operate a tip truck | 40 |

| Unit Code | Unit Title | Nominal Hours |
|--------------|--|------------------|
| TLIC0019 | Operate and monitor a motive power unit on a main line | 40 |
| TLIC0020 | Operate and monitor a motive power unit | 100 |
| TLIC0021 | Operate car carrier vehicle | 40 |
| TLIC0022 | Operate chemical and fuel tanker | 80 |
| TLIC0023 | Operate four wheel drive vehicle | 40 |
| TLIC0024 | Operate rail traffic with due consideration of route conditions | 200 |
| TLIC0025 | Pilot rail traffic within work on track authority limits | 15 |
| TLIC0026 | Provide wheelchair accessible taxi services to passengers with disabilities | 40 |
| TLIC0027 | Stable electric passenger train | 50 |
| TLIC0028 | Operate a battery electric bus or coach | 40 |
| TLIC0029 | Operate a battery electric heavy vehicle | 30 |
| TLIC0030 | Pilot rail traffic with due consideration of route conditions | 150 |
| TLIC0031 | Apply low risk car driving behaviours | 60 |
| TLIC0033 | Apply low risk heavy vehicle driving behaviours | 60 |
| TLIC0035 | Apply low risk motorcycle riding behaviours | 60 |
| TLIC0073 | Conduct tram/light rail track cleaning operations | 25 |
| TLIC0079 | Operate a motive power unit within defined limits | 25 |
| TLIC0083 | Access rail track to travel track vehicle under a proceed authority | 15 |
| TLIC0084 | Access rail track to travel track vehicles under manual block working conditions | 15 |
| TLIC1051 | Operate commercial vehicle | 30 |
| TLIC2002 | Drive light rigid vehicle | 40 |
| TLIC2049 | Operate heavy vehicle on unsealed roads | 10 |
| TLIC2050 | Operate a terminal tractor | 30 |
| TLIC2054 | Access rail track to run track vehicle within defined worksite | 15 |
| TLIC2058 | Travel medium or heavy self-propelled on-track equipment | 20 |
| TLIC2074 | Couple and uncouple track maintenance vehicles | 15 |
| TLIC2075 | Drive and monitor medium or heavy self-propelled on-track equipment | 50 |
| TLIC2076 | Establish and operate braking system on medium/heavy self-propelled on- track equipment | 20 |
| TLIC2080 | Start up, shut down and stable medium/heavy self-propelled on-track equipment | 25 |

| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIC3003 | Drive medium rigid vehicle | 40 |
| TLIC3004 | Drive heavy rigid vehicle | 40 |
| TLIC3005 | Drive heavy combination vehicle | 40 |
| TLIC3010 | Pilot or escort oversized and/or overmassed loads | 20 |
| TLIC3011 | Transport passengers with disabilities | 40 |
| TLIC3017 | Shunt rolling stock | 120 |
| TLIC3018 | Operate on-train remote control system | 40 |
| TLIC3027 | Stable a motive power unit | 20 |
| TLIC3028 | Operate and monitor a heritage motive power unit | 100 |
| TLIC3029 | Stable a heritage motive power unit | 20 |
| TLIC3030 | Operate and monitor a heritage steam locomotive | 100 |
| TLIC3031 | Stable a heritage steam locomotive | 20 |
| TLIC3032 | Operate and monitor a passenger electric tram | 100 |
| TLIC3033 | Drive an electric tram to operational requirements | 40 |
| TLIC3034 | Berth and shut down an electric tram | 20 |
| TLIC3035 | Manage the operation of a tow truck | 40 |
| TLIC3042 | Operate coach/bus | 40 |
| TLIC3045 | Operate road/rail vehicle | 25 |
| TLIC3048 | Shunt, couple and uncouple electric passenger trains | 80 |
| TLIC3063 | Operate vehicle carrying special loads | 40 |
| TLIC3072 | Conduct the duties of an assistant on a heritage locomotive | 30 |
| TLIC3073 | Fire a steam locomotive | 30 |
| TLIC3082 | Operate a locomotive by portable remote control | 20 |
| TLIC3083 | Operate a front lift mobile compaction/collection vehicle | 30 |
| TLIC3084 | Operate a lift on/lift off collection vehicle | 30 |
| TLIC3085 | Operate a liquid waste collection vehicle | 30 |
| TLIC3086 | Operate a multi-lift collection vehicle | 30 |
| TLIC3087 | Operate a rear loading mobile compaction/collection vehicle | 30 |
| TLIC3088 | Operate a roll on/roll off collection vehicle | 30 |
| TLIC3089 | Operate a side loading mobile compaction/collection vehicle | 30 |
| TLIC4006 | Drive multi-combination vehicle | 40 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIC4071 | Establish and operate train braking system | 30 |
| TLIC4073 | Set up, operate and shut down a distributed power system | 40 |
| TLIC4074 | Shunt, couple and uncouple rail vehicles | 50 |
| TLID0001 | Load and unload vehicles carrying special loads | 20 |
| TLID0002 | Care for livestock in transit | 30 |
| TLID0003 | Control lift and movement of crane | 20 |
| TLID0004 | Direct crane operations | 40 |
| TLID0005 | Monitor crane operations | 40 |
| TLID0006 | Move materials mechanically using automated equipment | 40 |
| TLID0007 | Operate specialised load shifting equipment | 40 |
| TLID0008 | Shift loads using bridge or gantry crane | 80 |
| TLID0009 | Shift loads using cranes | 80 |
| TLID0010 | Shift loads using ship mounted crane | 80 |
| TLID0011 | Use bulk transfer equipment (dry) | 40 |
| TLID0012 | Operate a vehicle-mounted loading crane | 40 |
| TLID0013 | Supervise mobile crane operations | 40 |
| TLID0014 | Load and unload explosives/dangerous goods | 30 |
| TLID0015 | Load and unload goods/cargo | 30 |
| TLID0016 | Operate a forklift | 40 |
| TLID0017 | Operate container side lifter | 40 |
| TLID0018 | Prepare for transport of dangerous goods | 50 |
| TLID0019 | Shift loads using manually-operated equipment | 20 |
| TLID0020 | Shift materials safely using manual handling methods | 20 |
| TLID0021 | Store and handle dangerous goods and hazardous substances | 40 |
| TLID0041 | Plan and conduct specialised lift | 40 |
| TLID2018 | Handle furniture and effects | 30 |
| TLID2019 | Pack and unpack cartons during a removal | 20 |
| TLID2022 | Conduct weighbridge operations | 20 |
| TLID2045 | Operate specialised light load shifting equipment | 40 |
| TLID2047 | Prepare cargo for transfer with slings | 40 |
| TLID3011 | Conduct specialised forklift operations | 40 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLID3015 | Identify and label explosives/dangerous goods | 20 |
| TLID3023 | Use specialised liquid bulk gas transfer equipment | 40 |
| TLID3024 | Use specialised liquid bulk transfer equipment (gravity/pressurised) | 40 |
| TLID3031 | Rig load | 40 |
| TLID3035 | Operate a boom type elevating work platform | 30 |
| TLID3036 | Lift and move load using a mobile crane | 40 |
| TLID3048 | Pack and unpack furniture and effects | 25 |
| TLID3050 | Coordinate furniture removal | 25 |
| TLIE0001 | Apply effective stakeholder engagement | 40 |
| TLIE0002 | Process workplace documentation | 20 |
| TLIE0003 | Consolidate manifest documentation | 20 |
| TLIE0004 | Maintain freight records | 20 |
| TLIE0005 | Undertake rigger/dogger and operators communications | 20 |
| TLIE0006 | Present routine workplace information | 40 |
| TLIE0007 | Apply workplace statistics | 20 |
| TLIE0008 | Calculate mass, area and quantify dimensions | 30 |
| TLIE0009 | Carry out basic workplace calculations | 20 |
| TLIE0010 | Identify, analyse and report workplace data and information | 30 |
| TLIE1003 | Participate in basic workplace communication | 40 |
| TLIE2007 | Use communications systems | 20 |
| TLIE2029 | Conduct workplace information briefings | 15 |
| TLIE2031 | Use communication systems for on-track vehicle operations | 10 |
| TLIE2032 | Assess removal load | 20 |
| TLIE3004 | Prepare workplace documents | 20 |
| TLIE3009 | Use pilot and escort communication | 20 |
| TLIE3010 | Estimate furniture removal jobs | 30 |
| TLIE3016 | Estimate/calculate load shifting requirements for a mobile crane | 20 |
| TLIE3021 | Work and communicate effectively with others | 10 |
| TLIE3022 | Complete workplace documents | 15 |
| TLIE3023 | Use electronic communication systems | 15 |
| TLIE3026 | Carry out advanced calculations in the transport and logistics industry | 15 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIE3028 | Complete a work diary in the road transport industry | 10 |
| TLIE4025 | Prepare and process transport documentation for dangerous goods | 20 |
| TLIE4030 | Prepare rail safety reports | 40 |
| TLIE4032 | Use internal communication systems for rail industry regulatory compliance | 20 |
| TLIE4033 | Use communications systems to control tram/light rail operations | 40 |
| TLIE5020 | Apply knowledge of freight forwarding documentation and permits | 20 |
| TLIF0004 | Work effectively in a train-driving environment | 25 |
| TLIF0005 | Apply a fatigue risk management system | 40 |
| TLIF0006 | Administer a fatigue risk management system | 60 |
| TLIF0007 | Manage a fatigue risk management system | 80 |
| TLIF0008 | Apply safety critical communications in the rail environment | 25 |
| TLIF0009 | Ensure the safety of transport activities (Chain of Responsibility) | 20 |
| TLIF0010 | Identify factors to reduce road harm | 20 |
| TLIF0011 | Identify interactions with other road users | 20 |
| TLIF0012 | Implement and coordinate accident-emergency procedures | 40 |
| TLIF0013 | Manage the impact of human capabilities/limitations on human performance in a rail environment | 40 |
| TLIF0014 | Monitor the safety of transport activities (Chain of Responsibility) | 40 |
| TLIF0015 | Recognise the impact of human capabilities/limitations on human performance in a rail environment | 30 |
| TLIF0016 | Working at height in the stevedoring industry | 40 |
| TLIF0017 | Implement safeworking rules and regulations for network control activities | 40 |
| TLIF0018 | Respond to abnormal situations and emergencies when operating as a train guard | 20 |
| TLIF0019 | Follow vehicle protocols for loading and unloading | 20 |
| TLIF0020 | Safely access the rail corridor | 10 |
| TLIF0021 | Administer the implementation of fatigue management strategies | 50 |
| TLIF0022 | Conduct housekeeping activities | 20 |
| TLIF0023 | Conduct track protection assessment | 10 |
| TLIF0024 | Develop and maintain a safe workplace | 50 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIF0025 | Follow work health and safety procedures | 20 |
| TLIF0026 | Manage in-vehicle technology distractions | 20 |
| TLIF0027 | Perform lookout duties | 10 |
| TLIF0028 | Respond to abnormal situations and emergencies when operating rail traffic | 40 |
| TLIF0043 | Implement fitness for work procedures | 40 |
| TLIF0045 | Investigate rail safety incidents | 70 |
| TLIF0048 | Manage rail safety compliance | 70 |
| TLIF0054 | Respond to notifiable rail safety occurrences | 50 |
| TLIF0077 | Demonstrate knowledge of risk factors and consequences in interacting with other road users | 20 |
| TLIF0078 | Recognise motor vehicle road crash risks and post-crash actions | 20 |
| TLIF0079 | Select a safe vehicle | 20 |
| TLIF0098 | Apply personal and equipment lockouts for rolling stock | 15 |
| TLIF2006 | Apply accident-emergency procedures | 20 |
| TLIF2010 | Apply fatigue management strategies | 30 |
| TLIF2012 | Apply safe procedures when handling/transporting dangerous goods or explosives | 30 |
| TLIF2018 | Operate firefighting equipment | 20 |
| TLIF2019 | Ensure a safe on-board passenger and working environment | 30 |
| TLIF2062 | Apply awareness of safeworking rules and regulations | 20 |
| TLIF2082 | Perform handsignaller duties | 10 |
| TLIF2097 | Use audible track warning devices | 20 |
| TLIF2106 | Respond to emergencies and abnormal situations when driving medium/heavy on-track vehicles | 20 |
| TLIF3003 | Implement and monitor work health and safety procedures | 30 |
| TLIF3013 | Coordinate breakdowns and emergencies | 30 |
| TLIF3015 | Work safely as a non-electrical licensed worker near electrical assets | 35 |
| TLIF3022 | Implement/monitor procedures when warehousing/storing dangerous goods/hazardous substances | 60 |
| TLIF3058 | Apply safeworking rules and regulations to rail functions | 40 |

| Unit Code | Unit Title | Nominal Hours |
|--------------|--|------------------|
| TLIF3060 | Control traffic as a pilot vehicle operator | 30 |
| TLIF3084 | Follow mobile crane safety procedures | 15 |
| TLIF3085 | Apply local incident response procedures | 20 |
| TLIF3087 | Follow work health and safety, and environmental procedures in the rail industry | 10 |
| TLIF3089 | Implement fatigue management policies and procedures for rail infrastructure | 30 |
| TLIF3091 | Apply awareness of dangerous goods and hazardous materials requirements | 15 |
| TLIF3096 | Carry out emergency response to a dangerous goods incident | 40 |
| TLIF4061 | Respond to electric tram-driving emergencies and abnormal situations | 20 |
| TLIF4064 | Manage fatigue management policy and procedures | 70 |
| TLIF4065 | Ensure compliance with Australian Dangerous Goods Code | 70 |
| TLIF4066 | Implement and supervise transport regulations compliance systems | 80 |
| TLIF4069 | Monitor and respond to traffic flow | 40 |
| TLIF4070 | Operate fire and life safety system within a tunnel | 80 |
| TLIF4086 | Control and coordinate incident responses | 50 |
| TLIF4088 | Implement and coordinate rail safety and WHS risk-control strategies | 50 |
| TLIF4095 | Apply work health and safety requirements for driving operations | 20 |
| TLIF4100 | Identify and meet rail safety regulatory compliance requirements | 40 |
| TLIF4101 | Implement and maintain a rail safety culture | 40 |
| TLIF4104 | Manage change in the rail safety environment | 40 |
| TLIF4108 | Implement traffic management plan in the transport industry | 40 |
| TLIF4109 | Communicate effectively to coordinate incident response procedures | 50 |
| TLIF5020 | Manage emergencies | 30 |
| TLIF5021 | Apply rail safeworking rules and procedures | 40 |
| TLIF5022 | Develop and manage fitness for work policy and procedures | 50 |
| TLIF5023 | Undertake a derailment investigation | 40 |
| TLIF5024 | Develop plans for emergency response and recovery of rail networks | 50 |
| TLIG0001 | Facilitate work teams | 50 |

| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIG0002 | Lead a work team | 40 |
| TLIG0003 | Work effectively with others in a team | 40 |
| TLIG2007 | Work in a socially diverse environment | 20 |
| TLIG3003 | Apply positive behaviours in the workplace | 20 |
| TLIH0001 | Apply efficient journey planning principles | 25 |
| TLIH0002 | Implement effective contingency planning | 50 |
| TLIH0003 | Prioritise courier delivery operations | 30 |
| TLIH0004 | Identify major roads, services and attractions | 40 |
| TLIH0005 | Interpret road maps and navigate pre-determined routes | 20 |
| TLIH0006 | Plan and navigate routes | 20 |
| TLII0001 | Market international freight forwarding services | 30 |
| TLII0002 | Provide freight forwarding information and customer service | 25 |
| TLII0003 | Optimise delivery service | 40 |
| TLII0004 | Provide assistance to customers | 25 |
| TLII0005 | Apply customer service skills | 30 |
| TLII0006 | Provide taxi customer service | 10 |
| TLII0007 | Provide assistance to customers with specific needs | 10 |
| TLII2015 | Operate the on-train buffet car | 40 |
| TLII3003 | Provide customer service in transport vehicles/vessels | 20 |
| TLII3009 | Provide on-board services to customers | 20 |
| TLII3010 | Provide travel information to customers | 20 |
| TLII3022 | Provide customer service in rail operations | 15 |
| TLII4001 | Coordinate quality customer service | 30 |
| TLII4022 | Identify and meet customer requirements | 20 |
| TLII5018 | Manage customer service | 40 |
| TLIJ0001 | Apply grain protection measures | 20 |
| TLIJ0002 | Implement grain monitoring measures | 20 |
| TLIJ0003 | Apply quality systems | 50 |
| TLIJ2001 | Apply quality procedures | 20 |
| TLIJ3005 | Sample, inspect and test products to specifications | 20 |
| TLIJ3006 | Implement grain protection procedures | 40 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIJ4009 | Implement and monitor quality assurance systems | 40 |
| TLIJ5007 | Conduct internal quality audits | 40 |
| TLIK0002 | Managing autonomous rail traffic operations by network control | 50 |
| TLIK0003 | Perform electronic data interchange to transmit documentation | 10 |
| TLIK0004 | Apply knowledge of automated workplace fundamentals | 40 |
| TLIK2003 | Apply keyboard skills | 20 |
| TLIK2010 | Use infotechnology devices in the workplace | 40 |
| TLIK5006 | Evaluate software requirements and hardware enhancements | 40 |
| TLIL0001 | Apply effective staff and resource allocation | 40 |
| TLIL0002 | Identify railway fundamentals | 10 |
| TLIL0003 | Apply asset management system | 30 |
| TLIL0004 | Apply conflict and grievance resolution strategies | 40 |
| TLIL0005 | Assess and confirm customer transport requirements | 40 |
| TLIL0006 | Assist with rail traffic operations | 180 |
| TLIL0007 | Complete workplace induction procedures | 30 |
| TLIL0008 | Coordinate the erection and dismantling of temporary facilities | 40 |
| TLIL0009 | Develop rosters | 20 |
| TLIL0010 | Implement a track occupancy authority | 15 |
| TLIL0011 | Implement equal employment opportunity strategies | 20 |
| TLIL0012 | Promote effective workplace practice | 20 |
| TLIL0013 | Plan and deliver Just in Time (JIT) logistics | 40 |
| TLIL0014 | Plan for logistics operations | 40 |
| TLIL0022 | Coordinate rail safety interface agreements | 50 |
| TLIL0027 | Ensure competency of rail safety workers | 20 |
| TLIL2008 | Complete routine administrative tasks | 10 |
| TLIL2031 | Monitor and process attendance records | 20 |
| TLIL2041 | Monitor and record rolling stock locations | 30 |
| TLIL2048 | Prepare for train departure | 20 |
| TLIL2060 | Complete induction to the transport industry | 5 |
| TLIL3002 | Undertake employee payroll activities | 20 |
| TLIL3003 | Conduct induction process | 20 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIL3035 | Allocate motive power | 20 |
| TLIL3052 | Plan urban passenger train consists | 20 |
| TLIL3071 | Control and coordinate local rail traffic movement | 40 |
| TLIL3072 | Operate signal panel or equipment | 40 |
| TLIL3082 | Implement absolute signal blocking | 15 |
| TLIL3083 | Implement a track work authority and manage rail traffic through worksites | 15 |
| TLIL3084 | Implement a local possession authority | 15 |
| TLIL4009 | Manage personal work priorities and professional development | 50 |
| TLIL4034 | Arrange alternative passenger transport | 20 |
| TLIL4037 | Apply and amend rosters | 20 |
| TLIL4038 | Organise marshalling and shunting operations | 40 |
| TLIL4059 | Implement asset management systems | 40 |
| TLIL4069 | Plan and coordinate protection for multiple worksites within limits of a work on track authority | 15 |
| TLIL4070 | Work effectively in the transport and logistics industry | 30 |
| TLIL4074 | Control and coordinate rail traffic movement | 40 |
| TLIL4075 | Implement and amend daily train plan | 40 |
| TLIL4076 | Coordinate resources | 20 |
| TLIL4077 | Develop out-of-course rail traffic plans and schedules | 30 |
| TLIL4084 | Control daily tram/light rail operations | 60 |
| TLIL4085 | Coordinate tram/light rail traffic movement | 60 |
| TLIL5019 | Implement and monitor transport logistics | 40 |
| TLIL5020 | Develop and maintain operational procedures for transport and logistics enterprises | 30 |
| TLIL5026 | Manage export logistics | 100 |
| TLIL5057 | Maintain, monitor and improve transport operations systems | 60 |
| TLIL5062 | Apply knowledge of logistics, storage and distribution to international freight forwarding | 20 |
| TLIL5063 | Review contracts, insurance, risk and liability in an international freight forwarding context | 90 |
| TLIL5064 | Manage international special freight transport services including dangerous goods and special cargo | 90 |

| Unit Code | Unit Title | Nominal Hours |
|--------------|--|------------------|
| TLIL5065 | Roster train crews | 40 |
| TLIL5066 | Apply rail resource management principles | 30 |
| TLIL5067 | Develop a passenger transport plan | 50 |
| TLIL5068 | Implement a passenger transport plan | 40 |
| TLIL5069 | Manage a rail yard or terminal | 50 |
| TLIL5070 | Manage rail freight operations | 40 |
| TLIL5071 | Manage rail passenger operations | 40 |
| TLIL5072 | Manage rail yard operations | 40 |
| TLIL5073 | Manage train crewing and rostering | 40 |
| TLILIC0001 | Licence to transport dangerous goods by road | 60 |
| TLILIC0003 | Licence to operate a forklift truck | 40 |
| TLILIC0004 | Licence to operate an order picking forklift truck | 30 |
| TLILIC0005 | Licence to operate a boom-type elevating work platform (boom length 11 metres or more) | 30 |
| TLILIC0011 | Licence to operate a reach stacker (greater than 3 tonnes capacity) | 40 |
| TLILIC0016 | Licence to operate a bridge and gantry crane | 70 |
| TLILIC0017 | Licence to operate a derrick crane | 55 |
| TLILIC0019 | Licence to operate a portal boom crane | 90 |
| TLILIC0020 | Licence to operate a slewing mobile crane (over 100 Tonnes) | 70 |
| TLILIC0021 | Licence to operate a slewing mobile crane (up to 100 Tonnes) | 70 |
| TLILIC0022 | Licence to operate a slewing mobile crane (up to 20 tonnes) | 70 |
| TLILIC0023 | Licence to operate a slewing mobile crane (up to 60 tonnes) | 70 |
| TLILIC0024 | Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above) | 40 |
| TLILIC0040 | Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity) | 80 |
| TLILIC2014 | Licence to drive a light rigid vehicle | 40 |
| TLILIC2015 | Licence to drive a medium rigid vehicle | 40 |
| TLILIC2016 | Licence to drive a heavy rigid vehicle | 50 |
| TLILIC3017 | Licence to drive a heavy combination vehicle | 60 |
| TLILIC3018 | Licence to drive a multi-combination vehicle | 60 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIM0004 | Mentor individuals or small groups | 30 |
| TLIM0008 | Conduct car driver training | 40 |
| TLIM0011 | Conduct heavy vehicle driver training | 40 |
| TLIM0013 | Conduct motorcycle rider training | 40 |
| TLIM0016 | Develop low risk car driving behaviours in others | 60 |
| TLIM0018 | Develop low risk heavy vehicle driving behaviours in others | 60 |
| TLIM0020 | Develop low risk motorcycle riding behaviours in others | 60 |
| TLIO0001 | Undertake emergency response action to a security threat | 20 |
| TLIO0002 | Apply and monitor workplace security procedures | 40 |
| TLIO0003 | Follow security procedures when working with goods and cargo | 40 |
| TLIO0004 | Maintain security of railway property and revenue | 30 |
| TLIO0005 | Provide revenue protection measures | 20 |
| TLIO1002 | Follow security procedures when working with passengers and personnel | 40 |
| TLIO3012 | Manage disruptive and/or unlawful behaviour | 20 |
| TLIO5005 | Plan and manage security procedures for the enterprise | 50 |
| TLIO5006 | Plan and manage security procedures for transferring and transporting dangerous goods | 40 |
| TLIO5017 | Manage security of storage facilities | 60 |
| TLIO5018 | Manage compliance with customs excise | 80 |
| TLIO5020 | Advise on and manage security and safety in international freight transport | 60 |
| TLIP0001 | Sell products and services | 30 |
| TLIP0002 | Advise on and construct fares for customers | 30 |
| TLIP0003 | Ensure the confidentiality, privacy and security of customer information | 15 |
| TLIP0004 | Conduct financial transactions and maintain records for a taxi | 5 |
| TLIP0006 | Develop plans to meet customer and organisation needs | 40 |
| TLIP0007 | Facilitate and capitalise on change in the workplace | 50 |
| TLIP0008 | Implement and monitor logistics planning and processes | 80 |
| TLIP0009 | Manage workplace information | 60 |
| TLIP0010 | Monitor a supply chain operation | 60 |
| TLIP0011 | Monitor warehouse operations | 60 |
| TLIP2014 | Capture records into a records keeping system | 20 |

| Unit Code | Unit Title | Nominal Hours |
|--------------|--|------------------|
| TLIP2017 | Maintain control of records | 20 |
| TLIP2018 | Provide information from and about records | 20 |
| TLIP2024 | Conduct financial transactions | 20 |
| TLIP2029 | Prepare and process financial documents | 30 |
| TLIP2032 | Maintain petty cash account | 10 |
| TLIP4003 | Implement, maintain and evaluate dangerous goods transport procedures within the workplace | 60 |
| TLIP5004 | Develop a transport and logistics business plan | 150 |
| TLIP5006 | Establish international distribution networks | 130 |
| TLIP5007 | Contribute to the development of a workplace learning environment | 60 |
| TLIP5008 | Manage a transport and logistics business unit | 60 |
| TLIP5011 | Develop and evaluate strategies for transport and logistics enterprises | 150 |
| TLIP5025 | Set and achieve budgets | 40 |
| TLIP5035 | Manage budgets and financial plans | 80 |
| TLIP5036 | Manage assets | 60 |
| TLIPC0001 | Prepare for work in the road transport industry | 20 |
| TLIPC0002 | Plan and prepare to work in a supply chain environment | 30 |
| TLIPC0003 | Apply effective work practices | 30 |
| TLIPC0004 | Complete courier operations | 30 |
| TLIPC0005 | Demonstrate safe practices at work | 30 |
| TLIR0001 | Implement purchasing systems | 40 |
| TLIR0002 | Conduct purchasing | 60 |
| TLIR0003 | Monitor supplier performance | 30 |
| TLIR0004 | Negotiate a contract | 40 |
| TLIR4002 | Source goods/services and evaluate contractors | 30 |
| TLIR4008 | Implement and supervise stocktaking procedures | 40 |
| TLIR5005 | Manage a contract | 40 |
| TLIR5006 | Develop, implement and review purchasing strategies | 60 |
| TLIR5007 | Manage international purchasing | 120 |
| TLIR5014 | Manage suppliers | 60 |
| TLIS0001 | Construct and assemble points and crossings | 20 |



| TLIS0003 Inst TLIS0004 Me TLIS2004 Inst | tall and maintain surface track drainage tall turnouts easure and mark track for resurfacing | 40 20 |
|---|--|----------|
| TLIS0004 Me TLIS2004 Inst | | 20 |
| TLIS2004 Inst | asure and mark track for resurfacing | |
| | | 40 |
| TLIS2012 Inst | tall and maintain rail bonding systems | 40 |
| | tall and service rail lubrication equipment | 20 |
| TLIS2013 Inst | tall minor structures | 30 |
| TLIS2020 Inst | tall overhead wiring structure | 40 |
| TLIS2028 Inst | tall and replace transoms | 40 |
| TLIS2030 Car | ry out track ballasting | 40 |
| TLIS2031 Inst | tall railway sleepers | 40 |
| TLIS2033 Inst | tall and repair temporary track supports | 40 |
| TLIS2034 Inst | tall and repair rail fastening systems | 40 |
| TLIS2035 Inst | tall and repair fences and gates | 40 |
| TLIS2036 Use | e chemical repair products | 20 |
| TLIS2044 Car | ry out rail installation | 20 |
| TLIS3005 Inst | tall mechanical infrastructure for signalling | 40 |
| TLIS3009 Inst | tall mechanical signalling locking and interlocking devices | 40 |
| TLIS3010 Tes | t rail using ultrasonic equipment | 40 |
| TLIS3011 Tes | t rail using nondestructive testing equipment | 40 |
| TLIS3023 Ere | ct and mount structures and housings for signalling equipment | 20 |
| TLIS3025 Imp | plement ballast unloading | 40 |
| TLIS3026 Imp | plement track maintenance and construction | 40 |
| TLIS3029 Imp | plement structures maintenance and installation of minor structures | 40 |
| TLIS3037 Inst | tall and repair rail earthworks | 40 |
| | commission mechanical signalling infrastructure and interlocking uipment from service | 40 |
| | plement and monitor workplace policy and procedures for vironmental sustainability | 50 |
| TLIU0003 Pre | pare for environmentally sustainable work practices | 15 |
| TLIU1009 Mo | nitor plant and equipment in an environmentally sustainable manner | 30 |
| TLIU2008 App | oly environmental procedures to rail infrastructure | 20 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|--|------------------|
| TLIU2012 | Participate in environmentally sustainable work practices | 20 |
| TLIU3011 | Implement and monitor environmentally sustainable work practices | 40 |
| TLIU3014 | Operate vehicle in an environmentally sustainable manner | 5 |
| TLIU3015 | Identify wastes and hazards in the waste management industry | 25 |
| TLIU4001 | Implement and monitor environmental protection policies and procedures | 20 |
| TLIU4011 | Apply environmental procedures to rail operations | 20 |
| TLIU5006 | Conduct environmental audits | 80 |
| TLIW0001 | Apply rail grinding fundamentals | 20 |
| TLIW0002 | Clean and inspect pooled equipment | 20 |
| TLIW0003 | Grind rail on tram/light rail systems | 15 |
| TLIW0004 | Grind rails | 20 |
| TLIW0005 | Grind switches and crossings | 20 |
| TLIW0006 | Heat and cut materials using oxy-LPG equipment for the rail industry | 20 |
| TLIW0007 | Operate under track protection rules | 20 |
| TLIW0008 | Weld rail using flashbutt welding process | 80 |
| TLIW0036 | Apply electric welding process to rail | 30 |
| TLIW0044 | Weld rail on tram/light rail systems using submerged ARC welding process | 25 |
| TLIW2028 | Identify the principles of ballast cleaning operations | 5 |
| TLIW2029 | Identify the principles of ballast regulator operations | 5 |
| TLIW2030 | Identify the principles of dynamic track stabaliser operations | 5 |
| TLIW2031 | Identify the principles of self-propelled rail grinder operations | 5 |
| TLIW2032 | Identify the principles of tamping machine operations | 5 |
| TLIW2033 | Identify the principles of mechanised track laying operations | 5 |
| TLIW2037 | Clip and secure points | 15 |
| TLIW2038 | Place and remove temporary speed restriction equipment | 10 |
| TLIW2039 | Place and remove permanent way stop boards | 10 |
| TLIW2041 | Clip points and apply rail safety equipment | 25 |
| TLIW3006 | Operate computerised mail and parcels sorting equipment | 40 |
| TLIW3008 | Carry out culler facer canceller operations | 20 |

State Government

| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIW3015 | Weld rail using aluminothermic welding process | 40 |
| TLIW3026 | Operate stand alone signalling/point control equipment | 10 |
| TLIW3027 | Operate minor track equipment | 20 |
| TLIW3034 | Apply protective coating systems to structures | 20 |
| TLIW3043 | Weld rail on tram/light rail systems using electric welding process | 25 |
| TLIW5001 | Apply rail communications systems | 25 |
| TLIW5002 | Manage rail assets and interfaces | 25 |
| TLIW5003 | Manage rail network control systems | 25 |
| TLIW5004 | Manage train planning | 25 |
| TLIX0004X | Administer inventory systems | 50 |
| TLIX0005X | Administer market supply systems | 60 |
| TLIX0006 | Apply and monitor biosecurity policies and procedures | 70 |
| TLIX0007X | Build digital supply chain capability in the workforce | 80 |
| TLIX0008 | Comply with biosecurity border clearance | 30 |
| TLIX0009X | Employ digital supply chain risk management practices | 60 |
| TLIX0010X | Enable traceability in supply chains | 50 |
| TLIX0011X | Establish blockchain in supply chains | 80 |
| TLIX0012X | Lead digital supply chain implementation | 50 |
| TLIX0013X | Maintain stock control and receivals | 55 |
| TLIX0014X | Manage customer focussed supply chain | 40 |
| TLIX0015X | Manage fundamental aspects of supply chains | 60 |
| TLIX0016X | Manage outsourced supply chain operations | 60 |
| TLIX0017X | Manage supply chain mass customisation | 60 |
| TLIX0018X | Monitor compliance in digital supply chains | 40 |
| TLIX0019X | Monitor digital supply chain services | 60 |
| TLIX0020X | Monitor ethical supply chain practices | 60 |
| TLIX0021X | Work with global supply chains | 80 |
| TLIX0022 | Decommission fuel storage and dispensing systems | 50 |
| TLIX0023 | Identify the roles and functions of the supply chain industry | 20 |
| TLIX0024 | Install, modify and commission fuel storage and dispensing systems | 30 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIX0025 | Maintain fuel storage and dispensing systems | 30 |
| TLIX0026 | Work in compliance with fuel storage and dispensing site requirements | 30 |
| TLIX0027 | Work safely at a fuel storage and dispensing site | 30 |
| TLIX0028X | Develop technical publications to support integrated logistics | 40 |
| TLIX0029X | Evaluate FMECA in a defence integrated logistics environment | 40 |
| TLIX0030X | Evaluate LORA in a defence integrated logistics environment | 30 |
| TLIX0031X | Provide maintenance engineering support in a defence integrated logistics environment | 30 |
| TLIX0032X | Undertake configuration management to support integrated logistics | 40 |
| TLIX0033X | Undertake RAM analysis in a defence integrated logistics environment | 50 |
| TLIX0034X | Undertake supply support in integrated logistics | 60 |
| TLIX0035 | Apply knowledge of border clearance fundamentals | 50 |
| TLIX0036 | Determine tariff classification of goods | 40 |
| TLIX0037 | Apply border clearance procedures | 60 |
| TLIX0038 | Apply customs procedures | 30 |
| TLIX0039 | Determine customs value | 40 |
| TLIX0040 | Determine complex customs value | 40 |
| TLIX0041 | Manage goods under customs control | 20 |
| TLIX0042 | Determine complex tariff classifications | 40 |
| TLIX0043 | Determine indirect taxes | 40 |
| TLIX0044 | Determine origin of goods and apply preference schemes or free trade agreements | 30 |
| TLIX0045 | Determine import/export prohibitions/restrictions | 30 |
| TLIX0046 | Apply anti-dumping and countervailing measures | 25 |
| TLIX0047 | Review decisions of regulatory bodies | 30 |
| TLIX4007 | Implement and monitor integrated logistics support plans | 30 |
| TLIX4008 | Conduct integrated logistics support activities | 40 |
| TLIX4009 | Apply integrated logistics support processes and procedures | 20 |
| TLIX4011 | Conduct logistics support analysis activities | 20 |
| TLIX4016 | Implement and monitor materiel sustainment plans | 20 |
| TLIX4017 | Conduct materiel sustainment activities | 20 |
| TLIX4018 | Apply materiel sustainment process and procedures | 20 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|--|------------------|
| TLIX4022 | Implement and monitor configuration management plans | 20 |
| TLIX4023 | Conduct configuration management activities | 20 |
| TLIX4024 | Apply configuration management processes and procedures | 20 |
| TLIX4026 | Apply codification and cataloguing processes and procedures | 20 |
| TLIX4027 | Assess maintenance spares and manage repairable items | 20 |
| TLIX4028 | Apply knowledge of logistics | 20 |
| TLIX4029 | Apply knowledge of integrated logistics support | 20 |
| TLIX4030 | Apply knowledge of materiel sustainment | 20 |
| TLIX4031 | Apply knowledge of configuration management | 20 |
| TLIX4032 | Apply knowledge of technical regulatory framework | 40 |
| TLIX4033 | Apply technical regulatory framework compliance management systems | 40 |
| TLIX4034 | Apply technical risk management systems and techniques | 20 |
| TLIX4035 | Maintain technical data and information | 20 |
| TLIX5003 | Develop and review integrated logistics support plans | 60 |
| TLIX5004 | Develop integrated logistics support processes and procedures | 80 |
| TLIX5005 | Manage integrated logistics support operations | 60 |
| TLIX5006 | Manage verification and validation | 40 |
| TLIX5010 | Provide specialist integrated logistics support advice | 30 |
| TLIX5012 | Develop and review materiel sustainment plans | 40 |
| TLIX5013 | Develop materiel sustainment processes and procedures | 40 |
| TLIX5014 | Manage materiel sustainment operations | 30 |
| TLIX5015 | Establish supply chains | 20 |
| TLIX5019 | Provide specialist materiel sustainment advice | 20 |
| TLIX5020 | Develop and review configuration management plans | 40 |
| TLIX5021 | Manage configuration management processes | 40 |
| TLIX5025 | Provide specialist configuration management advice | 20 |
| TLIX5036 | Manage and monitor technical data and information systems | 30 |
| TLIX5037 | Plan logistics support for deployed operations | 50 |
| TLIX5038 | Organise the deployment and delivery of logistics support | 40 |
| TLIX5039 | Plan and conduct road convoy | 40 |



| Unit Code | Unit Title | Nominal Hours |
|--------------|---|------------------|
| TLIX5040 | Manage contracted support services | 40 |
| TLIX5041 | Organise supply support on deployment | 50 |
| TLIX5042 | Organise road transport operations | 40 |
| TLIX5043 | Conduct maintenance on deployed operations | 40 |
| TLIX5044 | Organise health support operations | 50 |
| TLIX5045 | Manage and monitor catering on deployed operations | 40 |
| TLIX6001 | Formulate materiel logistics strategies | 80 |
| TLIX6002 | Contribute to materiel logistics strategies | 80 |
| TLIX6046 | Plan deployed logistics support for significant operations | 80 |
| TLIX6047 | Monitor and provide logistics staff support for significant deployed operations | 60 |
| TLIX6048 | Manage the deployment and delivery of logistics support | 80 |
| TLIX6049 | Undertake provisioning in support of deployed operations | 80 |
| TLIX6050 | Plan distribution operations on deployment | 60 |
| TLIX6051 | Plan maintenance for deployed operations | 60 |
| TLIX6052 | Plan health support for deployed personnel | 60 |
| TLIX6053 | Coordinate health support operations | 60 |

Contacts and Links

Curriculum Maintenance Manager (CMM) Service

Transport and Logistics The CMM Service is provided on behalf of Higher Education and Skills. CMM Service Executive Officers can assist with questions on payable and nominal hours. CMM Name: Mandy Penton Institute: Victoria University Polytechnic Address: PO Box 14428, Melbourne VIC, 8001 Phone: (03) 99195302 Email: Mandy.Penton@vu.edu.au

Service Skills Organisation (SSO) - Australian Industry Standards, AIS

Australian Industry Standards is responsible for developing the TLI Transport and Logistics Training Package and can be contacted for further information.

Address: Level 2/31 Market St, South Melbourne VIC 3205

Phone: (03) 9604 7200

Email: enquiries@aistnds.org.au

Website: https://www.australianindustrystandards.org.au/

National Register of VET in Australia - Training.gov.au (TGA)

TGA is the Australian government's official National Register of information on Training Packages, qualifications, courses, units of competency and RTOs. See <u>training.gov.au</u> for more information.

Australian Government - Department of Employment and Workplace Relations (DEWR)

The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training. See <u>Skills and Training - DEWR</u> for more information.

State Government - Department of Education and Training (DET)

DET is the State Training Authority responsible for supporting implementation of Vocational Education and Training (VET) in Victoria. See <u>education.vic.gov.au</u> for more information. (03) 9637 2000

National VET Regulatory Authority - Australian Skills Quality Authority (ASQA)

ASQA is the national regulator for Australia's VET sector. Info line: 1300 701 801 See <u>asqa.gov.au</u> for more information.

State VET Regulatory Authority - Victorian Registration and Qualifications Authority (VRQA)

The VRQA is a statutory authority responsible for the registration and regulation of Victorian RTOs and for the regulation of apprenticeships and traineeships in Victoria. (03) 9637 2806 See <u>vrqa.vic.gov.au</u>



Industry Regulatory Bodies

WorkSafe Victoria

The industry Regulatory body can provide advice on licensing, legislative or regulatory requirements which may impact on the delivery of training or the issuance of qualifications in this Training Package. WorkSafe needs to provide written verification before high risk work units can be added to an RTO's scope of registration. <u>info@worksafe.vic.gov.au</u> See <u>worksafe.vic.gov.au</u> for further information.

222 Exhibition Street, Melbourne 3000 (03) 9641 1444 or 1800 136 089 (toll free)

info@worksafe.vic.gov.au

See worksafe.vic.gov.au for further information.

Department of Home Affairs

The government department can provide information regarding Customs Broking

Telephone: 1300 363 263

Department of Home Affairs website

Office of the National Rail Safety Regulator

This Industry Regulatory body can provide advice on Rail regulation

Telephone: (08) 8406 1500 More information is available from the <u>Office of the National Rail Safety Regulator website</u>

Commercial Passenger Vehicles Victoria

This Industry Regulatory body can provide advice on passenger vehicle regulation

Telephone: 1800 638 802 More information is available from the <u>Commercial Passenger Vehicles Victoria website</u>

VicRoads

VicRoads, or the Roads Corporation of Victoria, is a statutory corporation in the state of Victoria, Australia. In the state, it is responsible for driver licensing and vehicle registration in Victoria. It is part of the Department of Transport.

Telephone: 13 11 71 More information is available from the <u>VicRoads website</u>



Glossary

| Code | Nationally endorsed Training Package qualification code. |
|-----------------------|--|
| Title | Nationally endorsed Training Package qualification title. |
| Unit Code | Nationally endorsed Training Package unit code. |
| Unit Title | Nationally endorsed Training Package unit title. |
| Maximum Payable Hours | The maximum number of hours the Victorian Government will subsidise under Skills First funding for the achievement of the minimum realistic vocational outcome of the qualification, as determined by the qualification packaging rules. The Maximum Payable Hours do not cover every possible combination of core and elective units available for a specific qualification. Minimum payable hours reflect a calculated minimum number of hours |
| | that could deliver a minimum realistic vocational outcome, based on efficiencies of contextualisation and integration. |
| Scope of Registration | Scope of registration specifies the AQF qualifications and/or units of competency the training organisation is registered to issue and the industry training and/or assessment services it is registered to provide. |
| Nominal Hours | Nominal hours reflect the anticipated time taken to deliver and assess the outcomes of a unit of competency excluding unsupervised delivery or the time taken for repeated practical application of skills. Nominal hours are determined by the Victorian State Training Authority (DET) and are primarily developed for funding purposes in Victoria. |

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