

# **TLI Transport and Logistics Training Package**

**Version 5**

**WA NOMINAL HOURS GUIDE**

## **Introduction**

This Guide has been generated to enable the stakeholders in this Industry in Western Australia to participate in the managed implementation of the National TLI Transport and Logistics Training Package.

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Training Package.

Version 5 of the TLI Transport and Logistics Training Package was released by Training.Gov.Au (TGA) on the 13/09/2018.

## **Transition Arrangements**

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications in accordance with the Standards for RTOs. For further information visit the Training Accreditation Council website [www.tac.wa.gov.au](http://www.tac.wa.gov.au).

## **Nominal Hours**

Nominal hours are the hours of training notionally required to achieve the outcomes of units of competency.

Nominal hours are identified for nationally endorsed qualifications. Nominal hours may vary for a qualification depending on the selection of units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

## **Contact Details**

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## Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the training package.

| National Code | National Title   | Nominal Hours |
|---------------|--|---------------|
| TLI10115      | Certificate I in Transport and Logistics (Pathways)            | 270           |
| TLI11215      | Certificate I in Warehousing Operations                        | 237           |
| TLI11315      | Certificate I in Logistics                                     | 225           |
| TLI20118      | Certificate II in Road Transport Terminal Operations           | 350           |
| TLI21216      | Certificate II in Driving Operations                           | 420           |
| TLI21315      | Certificate II in Rail Infrastructure                          | 513           |
| TLI21416      | Certificate II in Stevedoring                                  | 455           |
| TLI21616      | Certificate II in Warehousing Operations                       | 320           |
| TLI21815      | Certificate II in Logistics                                    | 265           |
| TLI21918      | Certificate II in Track Protection                             | 350           |
| TLI22015      | Certificate II in Shunting                                     | 405           |
| TLI22115      | Certificate II in Rail Track Vehicle Driving                   | 420           |
| TLI22215      | Certificate II in Tram or Light Rail Infrastructure            | 410           |
| TLI22318      | Certificate II in Rail Customer Service                        | 410           |
| TLI22418      | Certificate II in Furniture Removal                            | 290           |
| TLI30118      | Certificate III in Mobile Crane Operations                     | 575           |
| TLI31216      | Certificate III in Driving Operations                          | 465           |
| TLI31316      | Certificate III in International Freight Forwarding (Operator) | 415           |
| TLI31418      | Certificate III in Rail Driving                                | 540           |
| TLI31616      | Certificate III in Warehousing Operations                      | 540           |
| TLI31815      | Certificate III in Rail Track Surfacing                        | 340           |
| TLI31918      | Certificate III in Mechanical Rail Signalling                  | 610           |
| TLI32115      | Certificate III in Rail Structures                             | 394           |

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|----------|--|-----|
| TLI32318 | Certificate III in Electric Passenger Train Guard  | 514 |
| TLI32416 | Certificate III in Logistics   | 365 |
| TLI32515 | Certificate III in Rail Infrastructure   | 415 |
| TLI32615 | Certificate III in Rail Signalling   | 330 |
| TLI32715 | Certificate III in Track Protection  | 260 |
| TLI32815 | Certificate III in Rail Yard Coordination  | 475 |
| TLI32918 | Certificate III in Tram or Light Rail Infrastructure   | 325 |
| TLI33018 | Certificate III in Heritage Locomotive Assistant or Steam Locomotive Fireman                   | 365 |
| TLI33118 | Certificate III in Rail Customer Service   | 285 |
| TLI33215 | Certificate III in Terminal Train Driving  | 690 |
| TLI33316 | Certificate III in Furniture Removal   | 355 |
| TLI33418 | Certificate III in Waste Driving Operations  | 455 |
| TLI33518 | Certificate III in Stevedoring   | 475 |
| TLI40115 | Certificate IV in Rail Safety Investigation  | 573 |
| TLI40118 | Certificate IV in Transport Scheduling   | 490 |
| TLI40218 | Certificate IV in Mobile Crane Operations  | 615 |
| TLI41218 | Certificate IV in Transport and Logistics (Road Transport - Car Driving Instruction)           | 350 |
| TLI41318 | Certificate IV in Transport and Logistics (Road Transport - Heavy Vehicle Driving Instruction) | 470 |
| TLI41418 | Certificate IV in Transport and Logistics (Road Transport - Motorcycle Riding Instruction)     | 350 |
| TLI41515 | Certificate IV in Materiel Logistics   | 460 |
| TLI41616 | Certificate IV in International Freight Forwarding (Senior Operator)                           | 335 |
| TLI41715 | Certificate IV in Stevedoring Operations   | 500 |
| TLI41816 | Certificate IV in Warehousing Operations   | 780 |
| TLI42016 | Certificate IV in Logistics  | 525 |
| TLI42116 | Certificate IV in Driving Operations   | 375 |
| TLI42215 | Certificate IV in Rail Network Control   | 465 |
| TLI42315 | Certificate IV in Rail Infrastructure  | 580 |
| TLI42415 | Certificate IV in Rail Safety Management   | 590 |

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|----------|---|------|
| TLI42516 | Certificate IV in Traffic Operations        | 417  |
| TLI42615 | Certificate IV in Train Driving             | 1170 |
| TLI42715 | Certificate IV in Tram/Light Rail Control   | 380  |
| TLI50215 | Diploma of Materiel Logistics               | 525  |
| TLI50316 | Diploma of International Freight Forwarding | 671  |
| TLI50415 | Diploma of Logistics                        | 604  |
| TLI50515 | Diploma of Deployment Logistics             | 590  |
| TLI50618 | Diploma of Rail Operations Management       | 425  |
| TLI50716 | Diploma of Bus and Coach Operations         | 495  |
| TLI50816 | Diploma of Customs Broking                  | 645  |
| TLI60115 | Advanced Diploma of Materiel Logistics      | 755  |
| TLI60215 | Advanced Diploma of Deployment Logistics    | 580  |

## Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the training package.

| National Code | National Title                                       | Nominal Hours |
|---------------|--|---------------|
| TLIA0001      | Complete import procedures                           | 25            |
| TLIA0002      | Prepare cargo for export                             | 35            |
| TLIA1001      | Secure cargo   | 20            |
| TLIA2003      | Connect and disconnect reefer units                  | 40            |
| TLIA2009      | Complete and check import/export documentation       | 40            |
| TLIA2011      | Package goods  | 20            |
| TLIA2012      | Pick and process orders                              | 20            |
| TLIA2013      | Receive goods  | 20            |
| TLIA2014      | Use product knowledge to complete work operations    | 20            |
| TLIA2020      | Replenish stock                                      | 20            |
| TLIA2021      | Despatch stock                                       | 20            |
| TLIA2022      | Participate in stocktakes                            | 35            |
| TLIA2041      | Manually sort mail and parcels                       | 20            |
| TLIA2042      | Despatch mail  | 20            |
| TLIA2043      | Consolidate mail                                     | 20            |
| TLIA2044      | Carry out delivery operations                        | 20            |
| TLIA2045      | Process international parcels and letters            | 20            |
| TLIA2046      | Process parcels and letters                          | 20            |
| TLIA2047      | Stream mail  | 20            |
| TLIA2050      | Lash and unlash cargo and containers                 | 20            |
| TLIA3002      | Maintain container/cargo records                     | 20            |
| TLIA3004      | Process receipt and delivery of containers and cargo | 40            |
| TLIA3008      | Transfer cargo                                       | 40            |

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|----------|---|----|
| TLIA3010 | Coordinate goods to bond premises   | 20 |
| TLIA3015 | Complete receipt/despatch documentation   | 40 |
| TLIA3016 | Use inventory systems to organise stock control   | 30 |
| TLIA3017 | Identify products and store to specifications   | 40 |
| TLIA3018 | Organise despatch operations  | 40 |
| TLIA3019 | Organise receipt operations   | 40 |
| TLIA3023 | Coordinate stocktakes   | 20 |
| TLIA3024 | Organise warehouse records operations   | 30 |
| TLIA3026 | Monitor storage facilities  | 30 |
| TLIA3038 | Control and order stock   | 40 |
| TLIA3039 | Receive and store stock   | 40 |
| TLIA3055 | Coordinate terminal/wharf equipment operations  | 25 |
| TLIA4005 | Check and evaluate records and documentation  | 20 |
| TLIA4006 | Organise and monitor terminal/wharf operations  | 40 |
| TLIA4025 | Regulate temperature controlled stock   | 20 |
| TLIA4028 | Assess and monitor optimum stock levels   | 40 |
| TLIA4031 | Consolidate freight   | 30 |
| TLIA4032 | Organise transport of freight or goods  | 40 |
| TLIA4033 | Organise international transport of freight   | 40 |
| TLIA4040 | Implement and monitor stevedoring regulations   | 40 |
| TLIA4062 | Implement safety stock systems  | 25 |
| TLIA4063 | Coordinate stevedoring clerical functions   | 20 |
| TLIA5029 | Plan and manage storage of dangerous goods and hazardous substances                       | 40 |
| TLIA5035 | Manage international freight transfer   | 60 |
| TLIA5058 | Manage facility and inventory requirements  | 20 |
| TLIA5059 | Plan and organise the international forwarding of freight by sea and multimodal transport | 80 |
| TLIA5060 | Plan and organise the international forwarding of freight by air transport                | 80 |
| TLIA5061 | Plan and organise the international forwarding of freight by road and rail transport      | 80 |

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|----------|---|----|
| 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 |
| TLIB0117 | Assist with preparation of a train prior to operation                                     | 20 |
| 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 |
| TLIB1024 | Clean transportation units and facilities for passenger use                               | 32 |
| TLIB1028 | Maintain and use hand tools   | 20 |
| TLIB1030 | Undertake general site maintenance  | 40 |
| TLIB1031 | Clean up plant, equipment and worksite  | 12 |
| TLIB1080 | Use, clean and maintain towing equipment  | 10 |
| TLIB1093 | Clean equipment and restore worksite  | 35 |
| TLIB2001 | Check and assess operational capabilities of equipment                                    | 40 |
| TLIB2003 | Carry out vehicle servicing and maintenance   | 30 |
| TLIB2008 | Carry out inspection of trailers  | 30 |
| TLIB2009 | Check conveyor operational status   | 20 |
| TLIB2022 | Diagnose and rectify minor faults   | 40 |
| TLIB2023 | Provide sanitation and water services support to passenger transportation units           | 24 |
| TLIB2034 | Maintain poles and associated hardware  | 40 |
| TLIB2073 | Clean road tankers  | 40 |
| TLIB2079 | Set up and secure a towing situation  | 20 |
| TLIB2081 | Repair timber structures  | 40 |
| TLIB2082 | Repair steel structures   | 40 |
| TLIB2083 | Maintain bridge bearings  | 35 |
| TLIB2084 | Carry out routine maintenance of structures   | 35 |
| TLIB2085 | Apply track fundamentals  | 35 |
| TLIB2086 | Apply awareness of structures fundamentals  | 35 |



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| TLIB2090 | Use communication systems in a taxi                                    | 5  |
| TLIB2091 | Measure and record track geometry                                      | 18 |
| TLIB2092 | Operate minor mechanical equipment                                     | 18 |
| TLIB2096 | Repair concrete/masonry structures                                     | 40 |
| TLIB2097 | Install and maintain guard rails                                       | 18 |
| TLIB2104 | Identify, diagnose and rectify faults on electric passenger trains     | 20 |
| TLIB2111 | Assist with testing train braking system on electric passenger train   | 15 |
| TLIB2119 | Carry out maintenance of trailers                                      | 40 |
| TLIB2121 | Maintain rail joints   | 20 |
| TLIB2122 | Apply awareness of fundamentals of rail operations in yards or sidings | 20 |
| TLIB2125 | Apply awareness of tram or light rail track fundamentals               | 25 |
| 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                                      | 20 |
| TLIB3005 | Carry out maintenance of vehicles designed to carry special loads      | 30 |
| TLIB3006 | Carry out inspection of vehicles designed to carry special loads       | 30 |
| TLIB3011 | Set up and rig crane for lift  | 30 |
| TLIB3012 | Plan job and set up work areas   | 40 |
| TLIB3013 | Maintain mobile cranes   | 40 |
| TLIB3014 | Load and unload wheeled or tracked crane                               | 20 |
| TLIB3015 | Undertake site inspection  | 20 |
| TLIB3016 | De-rig, pack and store tools and equipment                             | 10 |
| TLIB3017 | Assemble and dismantle boom or jib                                     | 80 |
| TLIB3018 | Conduct full train examination   | 40 |
| TLIB3019 | Test train braking system  | 30 |
| TLIB3021 | Conduct train roll-by inspection                                       | 20 |
| TLIB3026 | Prepare for train operation  | 40 |

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| 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   | 197 |
| TLIB3078 | Inspect, prepare and start an electrical tram                                       | 30  |
| TLIB3087 | Examine timber structures   | 35  |
| TLIB3088 | Examine steel structures  | 35  |
| TLIB3094 | Check and repair track geometry   | 35  |
| TLIB3095 | Check and repair points and crossings   | 40  |
| TLIB3098 | Examine concrete/masonry structures   | 18  |
| TLIB3099 | Examine track infrastructure  | 20  |
| TLIB3100 | Visually inspect track infrastructure   | 40  |
| TLIB3102 | Adjust rail   | 40  |
| TLIB3105 | Prepare electric passenger train  | 30  |
| TLIB3108 | Test operation of electric passenger train braking system                           | 30  |
| TLIB3112 | Prepare electric passenger train as part of guard duties                            | 30  |
| 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  |

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| TLIB4071 | Install and maintain pole mounted switches and transformers                         | 20  |
| TLIB4076 | Inspect and prepare a heritage motive power unit                                    | 190 |
| TLIB4077 | Inspect and prepare a heritage steam locomotive                                     | 190 |
| TLIB4078 | Carry out a train roll-by inspection  | 20  |
| TLIB4079 | Conduct a general train examination   | 25  |
| TLIB4080 | Identify, diagnose and rectify minor faults on motive power units and rolling stock | 25  |
| TLIB4081 | Provision a motive power unit   | 20  |
| TLIB4082 | Set up motive power units in multi-coupled consist                                  | 45  |
| TLIB5010 | Plan and implement maintenance schedules  | 30  |
| TLIC0001 | Operate chemical tanker   | 35  |
| TLIC0002 | Operate fuel tanker   | 35  |
| TLIC0003 | Operate LP gas tanker   | 35  |
| TLIC0004 | Operate a tip truck   | 35  |
| 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  |
| TLIC1013 | Ride courier/delivery bicycle   | 20  |
| TLIC1051 | Operate commercial vehicle  | 30  |
| TLIC2002 | Drive light rigid vehicle   | 40  |
| TLIC2009 | Drive taxi  | 40  |
| TLIC2012 | Ride courier/delivery motorcycle  | 20  |
| TLIC2025 | Operate four wheel drive vehicle  | 40  |
| TLIC2040 | Provide wheelchair accessible taxi services to passengers with disabilities         | 35  |
| TLIC2049 | Operate heavy vehicle on unsealed roads   | 20  |
| TLIC2050 | Operate a terminal tractor  | 50  |
| TLIC2054 | Access rail track to run track vehicle within defined worksite                      | 15  |
| TLIC2058 | Travel medium or heavy self-propelled on-track equipment                            | 20  |

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| TLIC2059 | Propel and operate light on-track equipment  | 20  |
| TLIC2074 | Couple and uncouple track maintenance vehicles   | 15  |
| TLIC2075 | Drive and monitor medium or heavy self-propelled on-track equipment                    | 45  |
| TLIC2076 | Establish and operate braking system on medium/heavy self-propelled on-track equipment | 20  |
| TLIC2078 | Identify and respond to signals and trackside signs                                    | 25  |
| TLIC2080 | Start up, shut down and stable medium/heavy self-propelled on-track equipment          | 25  |
| TLIC2081 | Pilot rail traffic within work on track authority limits                               | 15  |
| 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   | 197 |
| TLIC3028 | Operate and monitor a heritage motive power unit                                       | 50  |
| TLIC3029 | Stable a heritage motive power unit  | 190 |
| TLIC3030 | Operate and monitor a heritage steam locomotive  | 50  |
| TLIC3031 | Stable a heritage steam locomotive   | 190 |
| TLIC3032 | Operate and monitor a passenger electric tram  | 80  |
| 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  | 50  |
| TLIC3036 | Apply safe car driving behaviours  | 30  |
| TLIC3037 | Apply safe heavy vehicle driving behaviours  | 55  |
| TLIC3038 | Apply safe motorcycle riding behaviours  | 50  |
| TLIC3039 | Operate and monitor a monorail train   | 90  |
| TLIC3042 | Operate coach/bus  | 35  |

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| TLIC3045 | Operate road/rail vehicle   | 25  |
| TLIC3046 | Drive and operate electric passenger train                              | 150 |
| TLIC3047 | Stable electric passenger train   | 60  |
| TLIC3048 | Shunt, couple and uncouple electric passenger trains                    | 80  |
| TLIC3052 | Assist with shunting, coupling and uncoupling electric passenger trains | 40  |
| TLIC3057 | Perform guard duties as part of electric passenger train operations     | 40  |
| TLIC3063 | Operate vehicle carrying special loads                                  | 40  |
| TLIC3064 | Operate car carrier vehicle   | 40  |
| TLIC3071 | Operate an agitator   | 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               | 25  |
| TLIC3084 | Operate a lift on/lift off collection vehicle                           | 25  |
| TLIC3085 | Operate a liquid waste collection vehicle                               | 25  |
| TLIC3086 | Operate a multi-lift collection vehicle                                 | 25  |
| TLIC3087 | Operate a rear loading mobile compaction/collection vehicle             | 25  |
| TLIC3088 | Operate a roll on/roll off collection vehicle                           | 25  |
| TLIC3089 | Operate a side loading mobile compaction/collection vehicle             | 25  |
| TLIC4006 | Drive multi-combination vehicle   | 40  |
| TLIC4019 | Drive train to operational requirements                                 | 120 |
| TLIC4023 | Operate train with due consideration of route conditions                | 20  |
| TLIC4026 | Operate and monitor a motive power unit                                 | 197 |
| TLIC4068 | Operate heavy recovery ancillary equipment                              | 40  |
| TLIC4069 | Operate heavy recovery vehicle  | 40  |
| TLIC4070 | Tow a disabled heavy vehicle  | 40  |
| TLIC4071 | Establish and operate train braking system                              | 25  |
| TLIC4072 | Operate and monitor a motive power unit on a main line                  | 35  |

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| TLIC4073 | Set up, operate and shut down a distributed power system             | 35 |
| TLIC4074 | Shunt, couple and uncouple rail vehicles                             | 45 |
| TLID0001 | Load and unload vehicles carrying special loads                      | 20 |
| TLID0002 | Care for livestock in transit  | 30 |
| TLID1001 | Shift materials safely using manual handling methods                 | 20 |
| TLID1002 | Shift a load using manually-operated equipment                       | 20 |
| TLID2003 | Handle dangerous goods/hazardous substances                          | 20 |
| TLID2004 | Load and unload goods/cargo  | 30 |
| TLID2010 | Operate a forklift   | 40 |
| TLID2012 | Operate specialised load shifting equipment                          | 40 |
| TLID2013 | Move materials mechanically using automated equipment                | 40 |
| TLID2016 | Load and unload explosives/dangerous goods                           | 30 |
| TLID2018 | Handle furniture and effects   | 30 |
| TLID2019 | Pack and unpack cartons during a removal                             | 20 |
| TLID2021 | Use specialised bulk transfer equipment (dry)                        | 40 |
| TLID2022 | Conduct weighbridge operations                                       | 20 |
| TLID2029 | Prepare articles for delivery  | 10 |
| TLID2045 | Operate specialised light load shifting equipment                    | 40 |
| TLID2047 | Prepare cargo for transfer with slings                               | 30 |
| TLID3011 | Conduct specialised forklift operations                              | 40 |
| 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 |
| TLID3027 | Prepare for transport of dangerous goods                             | 40 |
| TLID3031 | Rig load   | 40 |
| TLID3033 | Operate a vehicle-mounted loading crane                              | 40 |
| TLID3035 | Operate a boom type elevating work platform                          | 30 |
| TLID3036 | Lift and move load using a mobile crane                              | 40 |

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| TLID3040 | Control lift and movement of crane                             | 20 |
| TLID3043 | Shift loads using gantry equipment                             | 60 |
| TLID3044 | Shift loads using cranes                                       | 60 |
| TLID3046 | Operate container side lifter                                  | 40 |
| TLID3047 | Shift loads using ship mounted crane                           | 70 |
| TLID3048 | Pack and unpack furniture and effects                          | 20 |
| TLID3049 | Pack and wrap furniture and effects for international removals | 25 |
| TLID3050 | Coordinate furniture removal                                   | 20 |
| TLID3051 | Segregate waste according to waste types                       | 20 |
| TLID4008 | Monitor crane operations                                       | 40 |
| TLID4009 | Direct crane operations  | 40 |
| TLID4030 | Supervise mobile crane operations                              | 40 |
| TLID4032 | Plan and conduct specialised lift                              | 40 |
| TLID4048 | Top load a dangerous goods tanker                              | 20 |
| TLID4049 | Bottom load a dangerous goods tanker                           | 20 |
| TLID4050 | Discharge a dangerous goods tanker                             | 20 |
| TLIE0001 | Apply effective stakeholder engagement                         | 35 |
| TLIE0002 | Process workplace documentation                                | 20 |
| TLIE1003 | Participate in basic workplace communication                   | 40 |
| TLIE1005 | Carry out basic workplace calculations                         | 20 |
| TLIE2001 | Present routine workplace information                          | 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  | 15 |
| TLIE3002 | Estimate/calculate mass, area and quantify dimensions          | 15 |
| TLIE3004 | Prepare workplace documents                                    | 20 |
| TLIE3009 | Use pilot and escort communication                             | 20 |

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| TLIE3010 | Estimate furniture removal jobs   | 30 |
| TLIE3012 | Consolidate manifest documentation  | 20 |
| TLIE3015 | Undertake rigger/dogger and driver communication  | 20 |
| TLIE3016 | Estimate/calculate load shifting requirements for a mobile crane                            | 20 |
| TLIE3018 | Maintain freight records  | 8  |
| TLIE3021 | Work and communicate effectively with others  | 20 |
| TLIE3022 | Complete workplace documents  | 10 |
| TLIE3023 | Use electronic communication systems  | 15 |
| TLIE3026 | Carry out advanced calculations in the transport and logistics industry                     | 15 |
| TLIE3028 | Complete a work diary in the road transport industry  | 10 |
| TLIE4006 | Collect, analyse and present workplace data and information                                 | 20 |
| TLIE4013 | Apply workplace statistics  | 20 |
| TLIE4025 | Prepare and process transport documentation for dangerous goods                             | 20 |
| TLIE4030 | Prepare rail safety reports   | 35 |
| TLIE4032 | Use internal communication systems for rail industry regulatory compliance                  | 20 |
| TLIE4033 | Use communications systems to control tram/light rail operations                            | 35 |
| TLIE5020 | Apply knowledge of freight forwarding documentation and permits                             | 18 |
| TLIF0001 | Apply chain of responsibility legislation, regulations and workplace procedures             | 15 |
| TLIF0002 | Administer chain of responsibility policies and procedures                                  | 25 |
| TLIF0003 | Develop and implement policies and procedures to ensure chain of responsibility compliance  | 35 |
| TLIF0004 | Work effectively in a train-driving environment   | 25 |
| TLIF0005 | Apply a fatigue risk management system  | 35 |
| TLIF0006 | Administer a fatigue risk management system   | 55 |
| TLIF0007 | Manage a fatigue risk management system   | 70 |
| TLIF0008 | Apply safety critical communications in the rail environment                                | 25 |
| TLIF0075 | Demonstrate awareness of interacting with other road users                                  | 20 |
| TLIF0076 | Demonstrate awareness of factors to reduce road harm  | 20 |
| TLIF0077 | Demonstrate knowledge of risk factors and consequences in interacting with other road users | 20 |



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| 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 |
| TLIF1001 | Follow work health and safety procedures   | 20 |
| TLIF1002 | Conduct housekeeping activities  | 20 |
| TLIF1009 | Conduct cleaning operations in enclosed spaces   | 20 |
| 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                                   | 24 |
| TLIF2062 | Apply awareness of safeworking rules and regulations                                       | 40 |
| TLIF2068 | Work at height in the stevedoring industry   | 25 |
| TLIF2072 | Comply with safety and security procedures   | 10 |
| TLIF2080 | Safely access the rail corridor  | 10 |
| TLIF2081 | Perform lookout duties   | 10 |
| 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 |
| TLIF3004 | Organise work health and safety procedures in the workplace                                | 20 |
| TLIF3013 | Coordinate breakdowns and emergencies  | 30 |
| TLIF3014 | Operate as an off-sider in the waste management industry                                   | 15 |
| TLIF3015 | Work safely as a non-electrical licensed worker near electrical assets                     | 30 |
| TLIF3022 | Implement/monitor procedures when warehousing/storing dangerous goods/hazardous substances | 60 |
| TLIF3058 | Apply safeworking rules and regulations to rail functions                                  | 40 |
| TLIF3060 | Control traffic as a pilot vehicle operator  | 15 |
| TLIF3063 | Administer the implementation of fatigue management strategies                             | 30 |

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| TLIF3083 | Conduct track protection assessment  | 10 |
| 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 |
| TLIF4007 | Implement and coordinate accident-emergency procedures                           | 40 |
| TLIF4014 | Develop and maintain a safe workplace  | 50 |
| TLIF4061 | Respond to electric tram-driving emergencies and abnormal situations             | 50 |
| TLIF4064 | Manage fatigue management policy and procedures                                  | 20 |
| TLIF4065 | Ensure compliance with Australian Dangerous Goods Code                           | 40 |
| TLIF4066 | Implement and supervise transport regulations compliance systems                 | 30 |
| TLIF4069 | Monitor and respond to traffic flow  | 35 |
| TLIF4070 | Operate fire and life safety system within a tunnel                              | 70 |
| TLIF4086 | Control and coordinate incident responses  | 50 |
| TLIF4088 | Implement and coordinate rail safety and WHS risk-control strategies             | 50 |
| TLIF4090 | Implement safeworking rules and regulations for network control activities       | 40 |
| TLIF4095 | Apply work health and safety requirements for driving operations                 | 20 |
| TLIF4099 | Develop an application for, or variation to, rail accreditation                  | 35 |
| TLIF4100 | Identify and meet rail safety regulatory compliance requirements                 | 35 |
| TLIF4101 | Implement and maintain a rail safety culture                                     | 35 |
| TLIF4102 | Implement and maintain safety management plans                                   | 35 |
| TLIF4103 | Implement fitness for work procedures  | 35 |
| TLIF4104 | Manage change in the rail safety environment                                     | 35 |
| TLIF4105 | Manage rail safety compliance  | 35 |
| TLIF4107 | Respond to notifiable rail safety occurrences                                    | 35 |
| TLIF4108 | Implement traffic management plan in the transport industry                      | 35 |

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| TLIF4109 | Communicate effectively to coordinate incident response procedures  | 45 |
| TLIF4110 | Respond to abnormal situations and emergencies when driving a train | 35 |
| TLIF5017 | Investigate rail safety incidents                                   | 38 |
| TLIF5020 | Manage emergencies  | 32 |
| TLIF5021 | Apply rail safeworking rules and procedures                         | 35 |
| TLIF5022 | Develop and manage fitness for work policy and procedures           | 45 |
| TLIF5023 | Undertake a derailment investigation                                | 35 |
| TLIF5024 | Develop plans for emergency response and recovery of rail networks  | 45 |
| TLIG1001 | Work effectively with others  | 40 |
| TLIG2007 | Work in a socially diverse environment                              | 20 |
| TLIG3002 | Lead a work team or group   | 40 |
| TLIG3003 | Apply positive behaviours in the workplace                          | 15 |
| TLIG4005 | Organise transport workload   | 10 |
| TLIG4006 | Facilitate work teams   | 50 |
| TLIH0001 | Apply efficient journey planning principles                         | 25 |
| TLIH0002 | Implement effective contingency planning                            | 45 |
| TLIH2001 | Interpret road maps and navigate pre-determined routes              | 20 |
| TLIH2003 | Prioritise courier/delivery operations                              | 30 |
| TLIH3002 | Plan and navigate routes  | 20 |
| TLIH3004 | Identify major roads, services and attractions                      | 40 |
| TLII0001 | Market international freight forwarding services                    | 25 |
| TLII0002 | Provide freight forwarding information and customer service         | 25 |
| TLII0003 | Optimise delivery service   | 35 |
| TLII1002 | Apply customer service skills                                       | 20 |
| TLII2015 | Operate the on-train buffet car                                     | 40 |
| TLII2019 | Provide taxi customer service                                       | 8  |
| TLII2020 | Provide assistance to customers with specific needs                 | 10 |
| TLII3003 | Provide customer service in transport vehicles/vessels              | 20 |

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| TLII3004 | Manage camping procedures for coaches and buses                          | 40 |
| TLII3009 | Provide on-board services to customers                                   | 20 |
| TLII3010 | Provide travel information to customers                                  | 40 |
| TLII3020 | Provide assistance to customers  | 25 |
| TLII3022 | Provide customer service in rail operations                              | 20 |
| TLII4001 | Coordinate quality customer service                                      | 20 |
| TLII4005 | Market services and products to clients                                  | 40 |
| TLII4022 | Identify and meet customer requirements                                  | 20 |
| TLII5018 | Manage customer service  | 50 |
| TLIJ2001 | Apply quality procedures   | 40 |
| TLIJ2003 | Apply grain protection measures  | 20 |
| TLIJ2004 | Implement grain monitoring measures                                      | 20 |
| TLIJ3002 | Apply quality systems  | 40 |
| TLIJ3005 | Sample, inspect and test products to specifications                      | 20 |
| TLIJ3006 | Implement grain protection procedures                                    | 40 |
| TLIJ4008 | Implement and monitor inbound quality assurance systems                  | 20 |
| TLIJ4009 | Implement and monitor quality assurance systems                          | 40 |
| TLIJ4010 | Implement quality systems and procedures in a dangerous goods workplace  | 40 |
| TLIJ5007 | Conduct internal quality audits  | 20 |
| TLIK0001 | Using telematics and technology data effectively in transport scheduling | 45 |
| TLIK2003 | Apply keyboard skills  | 20 |
| TLIK2007 | Perform electronic data interchange to transmit shipping documentation   | 10 |
| TLIK2010 | Use infotechnology devices in the workplace                              | 40 |
| TLIK5006 | Evaluate software requirements and hardware enhancements                 | 40 |
| TLIL0001 | Apply effective staff and resource allocation                            | 35 |
| TLIL1001 | Complete workplace orientation/induction procedures                      | 25 |
| TLIL2008 | Complete routine administrative tasks                                    | 10 |
| TLIL2031 | Monitor and process attendance records                                   | 20 |

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| TLIL2041 | Monitor and record rolling stock locations                                 | 30  |
| TLIL2046 | Handle customer luggage/property   | 12  |
| 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  |
| TLIL3035 | Allocate motive power  | 20  |
| TLIL3039 | Assist with train operations   | 100 |
| TLIL3052 | Plan urban passenger train consists  | 40  |
| TLIL3065 | Implement a track occupancy authority                                      | 15  |
| 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  |
| TLIL4005 | Apply conflict/grievance resolution strategies                             | 40  |
| TLIL4009 | Manage personal work priorities and professional development               | 50  |
| TLIL4010 | Assess and confirm customer transport requirements                         | 40  |
| TLIL4021 | Coordinate the erection and dismantling of temporary storage facilities    | 40  |
| TLIL4030 | Control a furniture warehouse  | 45  |
| TLIL4032 | Implement equal employment equity strategies                               | 16  |
| TLIL4033 | Promote effective workplace practice                                       | 20  |
| TLIL4034 | Arrange alternative passenger transport                                    | 16  |
| TLIL4036 | Develop rosters  | 20  |
| TLIL4037 | Apply and amend rosters  | 20  |
| TLIL4038 | Organise marshalling and shunting operations                               | 40  |
| TLIL4050 | Allocate rolling stock   | 20  |
| TLIL4058 | Plan a career in logistics   | 20  |

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| 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 |
| TLIL4073 | Apply asset management system   | 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 |
| TLIL4078 | Coordinate fleet control logistics  | 40 |
| TLIL4079 | Manage the recovery process   | 30 |
| TLIL4081 | Ensure competency of rail safety workers  | 20 |
| TLIL4082 | Coordinate rail interface agreements  | 20 |
| TLIL4083 | Assist with train operations  | 70 |
| TLIL4084 | Control daily tram/light rail operations  | 55 |
| TLIL4085 | Coordinate tram/light rail traffic movement   | 55 |
| TLIL5019 | Implement and monitor transport logistics   | 40 |
| TLIL5020 | Develop and maintain operational procedures for transport and logistics enterprises                 | 30 |
| TLIL5026 | Manage export logistics   | 60 |
| TLIL5055 | Manage a supply chain   | 40 |
| TLIL5057 | Maintain, monitor and improve transport operations systems  | 30 |
| TLIL5062 | Apply knowledge of logistics, storage and distribution to international freight forwarding          | 18 |
| TLIL5063 | Review contracts, insurance, risk and liability in an international freight forwarding context      | 80 |
| TLIL5064 | Manage international special freight transport services including dangerous goods and special cargo | 80 |
| TLIL5065 | Roster train crews  | 35 |
| TLIL5066 | Apply rail resource management principles   | 25 |
| TLIL5067 | Develop a passenger transport plan  | 45 |
| TLIL5068 | Implement a passenger transport plan  | 35 |
| TLIL5069 | Manage a rail yard or terminal  | 45 |

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| TLIL5070   | Manage rail freight operations   | 35 |
| TLIL5071   | Manage rail passenger operations   | 35 |
| TLIL5072   | Manage rail yard operations  | 35 |
| TLIL5073   | Manage train crewing and rostering   | 35 |
| TLILIC0001 | Licence to transport dangerous goods by road   | 55 |
| TLILIC0002 | Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)        | 40 |
| 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 |
| TLILIC0006 | Licence to operate a bridge and gantry crane   | 70 |
| TLILIC0007 | Licence to operate a derrick crane   | 55 |
| TLILIC0008 | Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)         | 60 |
| TLILIC0009 | Licence to operate a portal boom crane   | 90 |
| TLILIC0010 | Licence to operate a slewing mobile crane (up to 20 tonnes)                            | 70 |
| TLILIC0011 | Licence to operate a reach stacker (greater than 3 tonnes capacity)                    | 40 |
| TLILIC0013 | Licence to operate a slewing mobile crane (up to 60 tonnes)                            | 70 |
| TLILIC0014 | Licence to operate a slewing mobile crane (up to 100 Tonnes)                           | 70 |
| TLILIC0015 | Licence to operate a slewing mobile crane (over 100 Tonnes)                            | 70 |
| 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   | 40 |
| TLILIC3017 | Licence to drive a heavy combination vehicle   | 60 |
| TLILIC3018 | Licence to drive a multi-combination vehicle   | 60 |
| TLIM0001   | Conduct learner driver training  | 35 |
| TLIM0002   | Conduct heavy vehicle learner driver training  | 35 |
| TLIM0003   | Conduct learner rider training   | 35 |
| TLIM4001   | Develop safe car driving behaviours in others  | 30 |
| TLIM4002   | Develop safe heavy vehicle driving behaviours in others                                | 55 |

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| TLIM4003 | Develop safe motorcycle riding behaviours in others  | 40 |
| TLIM4004 | Mentor individuals or small groups   | 25 |
| TLIO0001 | Undertake emergency response action to a security threat                                   | 20 |
| TLIO1002 | Follow security procedures when working with passengers and personnel                      | 40 |
| TLIO2003 | Undertake loading and unloading in a designated secured environment                        | 20 |
| TLIO2011 | Provide revenue protection measures  | 10 |
| TLIO2021 | Follow security procedures when working with goods and cargo                               | 40 |
| TLIO3004 | Conduct control procedures for transferring explosives/dangerous/hazardous/high risk goods | 40 |
| TLIO3012 | Manage disruptive and/or unlawful behaviour  | 20 |
| TLIO3015 | Maintain security of railway property and revenue  | 30 |
| TLIO3016 | Apply and monitor workplace security procedures  | 40 |
| TLIO5005 | Plan and manage security procedures for the enterprise                                     | 50 |
| TLIO5006 | Plan and manage security procedures for transferring and transporting dangerous goods      | 50 |
| TLIO5017 | Manage security of storage facilities  | 30 |
| TLIO5018 | Manage compliance with customs excise  | 40 |
| TLIO5020 | Advise on and manage security and safety in international freight transport                | 50 |
| TLIP2014 | Capture records into a records keeping system  | 20 |
| 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 |
| TLIP2030 | Conduct courier/delivery cash transactions   | 10 |
| TLIP2032 | Maintain petty cash account  | 10 |
| TLIP2033 | Sell products and services   | 24 |
| TLIP2037 | Carry out financial transactions and maintain records                                      | 5  |
| TLIP2038 | Conduct, balance and secure financial transactions   | 20 |
| TLIP2039 | Ensure the confidentiality, privacy and security of customer information                   | 15 |
| TLIP3015 | Document a records system  | 30 |



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| TLIP3016 | Identify and classify records to be captured   | 40  |
| TLIP3019 | Provide records retrieval service  | 20  |
| TLIP3020 | Sentence records   | 60  |
| TLIP3021 | Undertake disposal program   | 30  |
| TLIP3022 | Undertake movement of records  | 20  |
| TLIP3023 | Destroy records  | 30  |
| TLIP3026 | Maintain financial records in a small business   | 40  |
| TLIP3027 | Organise freight invoicing and payment   | 30  |
| TLIP3034 | Advise on and construct fares for customers  | 32  |
| TLIP4001 | Develop plans to meet customer and organisation needs                                      | 40  |
| TLIP4002 | Facilitate and capitalise on change in the workplace                                       | 50  |
| TLIP4003 | Implement, maintain and evaluate dangerous goods transport procedures within the workplace | 60  |
| TLIP4005 | Manage workplace information   | 60  |
| TLIP4010 | Assess lift requirements and provide quotation   | 30  |
| TLIP4013 | Implement and monitor logistics planning and processes                                     | 40  |
| TLIP4028 | Administer international trading accounts  | 60  |
| TLIP4031 | Maintain customer credit accounts and services   | 20  |
| TLIP4038 | Monitor a supply chain operation   | 60  |
| TLIP4039 | Monitor transport operations   | 60  |
| TLIP4040 | Monitor warehouse operations   | 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  | 30  |
| TLIP5035 | Manage budgets and financial plans   | 50  |
| TLIP5036 | Manage assets  | 5   |

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| TLIP5037  | Develop workplace policy and procedures                            | 45 |
| TLIPC0001 | Prepare for work in the road transport industry                    | 20 |
| TLIPC1001 | Demonstrate care and apply safe practices at work                  | 20 |
| TLIPC1002 | Adapt to work requirements in the transport and logistics industry | 60 |
| TLIPC1003 | Apply effective work practices                                     | 20 |
| TLIPC1004 | Complete courier delivery operations                               | 40 |
| TLIPC1005 | Complete small store operations                                    | 40 |
| TLIR4001  | Monitor supplier performance                                       | 30 |
| TLIR4002  | Source goods/services and evaluate contractors                     | 30 |
| TLIR4003  | Negotiate a contract   | 40 |
| TLIR4008  | Implement and supervise stocktaking procedures                     | 30 |
| TLIR4009  | Implement purchasing systems                                       | 30 |
| TLIR4010  | Plan purchasing  | 40 |
| TLIR4012  | Conduct international purchasing                                   | 50 |
| TLIR5005  | Manage a contract  | 30 |
| TLIR5006  | Develop, implement and review purchasing strategies                | 50 |
| TLIR5007  | Manage international purchasing                                    | 60 |
| TLIR5014  | Manage suppliers   | 30 |
| TLIS2004  | Install and maintain rail bonding systems                          | 40 |
| TLIS2012  | Install and service rail lubrication equipment                     | 18 |
| TLIS2013  | Install minor structures   | 30 |
| TLIS2020  | Install overhead wiring structure                                  | 36 |
| TLIS2027  | Install and maintain surface track drainage                        | 35 |
| TLIS2028  | Install and replace transoms                                       | 35 |
| TLIS2030  | Carry out track ballasting   | 35 |
| TLIS2031  | Install railway sleepers   | 36 |
| TLIS2033  | Install and repair temporary track supports                        | 36 |
| TLIS2034  | Install and repair rail fastening systems                          | 40 |

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| TLIS2035 | Install and repair fences and gates   | 35 |
| TLIS2036 | Use chemical repair products  | 18 |
| TLIS2044 | Carry out rail installation   | 20 |
| TLIS3005 | Install mechanical infrastructure for signalling  | 40 |
| TLIS3009 | Install mechanical signalling locking and interlocking devices                            | 40 |
| TLIS3010 | Test rail using ultrasonic equipment  | 35 |
| TLIS3011 | Test rail using nondestructive testing equipment  | 35 |
| TLIS3023 | Erect and mount structures and housings for signalling equipment                          | 20 |
| TLIS3025 | Implement ballast unloading   | 35 |
| TLIS3026 | Implement track maintenance and construction  | 35 |
| TLIS3029 | Implement structures maintenance and installation of minor structures                     | 35 |
| TLIS3037 | Install and repair rail earthworks  | 40 |
| TLIS3039 | Measure and mark track for resurfacing  | 40 |
| TLIS3040 | Construct concrete or steel points and crossings  | 20 |
| TLIS3041 | Construct timber or composite points and crossings  | 20 |
| TLIS3045 | Install turnouts  | 20 |
| TLIS4007 | Decommission mechanical signalling infrastructure and interlocking equipment from service | 40 |
| TLIU0001 | Develop workplace policy and procedures for environmental sustainability                  | 45 |
| TLIU1009 | Monitor plant and equipment in an environmentally sustainable manner                      | 20 |
| TLIU1013 | Prepare for environmentally sustainable work practices                                    | 15 |
| TLIU2008 | Apply environmental procedures to rail infrastructure                                     | 25 |
| 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                              | 20 |
| TLIU4001 | Implement and monitor environmental protection policies and procedures                    | 20 |
| TLIU4011 | Apply environmental procedures to rail operations   | 15 |
| TLIU5006 | Conduct environmental audits  | 80 |

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| TLIW0036 | Apply electric welding process to rail                                   | 30 |
| TLIW0044 | Weld rail on tram/light rail systems using submerged ARC welding process | 25 |
| TLIW2001 | Operate under track protection rules                                     | 20 |
| TLIW2012 | Grind rails  | 18 |
| TLIW2017 | Cut and join materials   | 20 |
| TLIW2018 | Operate hand held air/power equipment for pallet production processes    | 20 |
| TLIW2019 | Apply surface coatings using a spray gun                                 | 20 |
| TLIW2020 | Undertake pallet repairs   | 20 |
| TLIW2021 | Clean and inspect pallets  | 20 |
| TLIW2022 | Manufacture pallets using automated methods                              | 20 |
| TLIW2023 | Manufacture pallets using manual methods                                 | 20 |
| TLIW2024 | Dock boards using computer programmed machinery                          | 20 |
| TLIW2025 | Dock boards on mechanical feeds  | 20 |
| 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 stabiliser 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                              | 20 |
| TLIW3006 | Operate computerised mail and parcels sorting equipment                  | 40 |
| TLIW3007 | Code and coordinate video-coding operations                              | 40 |
| TLIW3008 | Carry out culler facer canceller operations                              | 20 |
| TLIW3013 | Grind switches and crossings   | 18 |
| TLIW3015 | Weld rail using aluminothermic welding process                           | 40 |

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| TLIW3016 | Weld rail using flashbutt welding process                            | 80 |
| TLIW3026 | Operate stand alone signalling/point control equipment               | 10 |
| TLIW3027 | Operate minor track equipment  | 20 |
| TLIW3034 | Apply protective coating systems to structures                       | 20 |
| TLIW3035 | Heat and cut materials using oxy-LPG equipment for the rail industry | 20 |
| TLIW3042 | Grind rail on tram/light rail systems                                | 15 |
| TLIW3043 | Weld rail on tram/light rail systems using electric welding process  | 20 |
| TLIW5001 | Apply rail communications systems                                    | 20 |
| TLIW5002 | Manage rail assets and interfaces                                    | 20 |
| TLIW5003 | Manage rail network control systems                                  | 20 |
| TLIW5004 | Manage train planning  | 20 |
| TLIX0001 | Determine tariff classification of goods                             | 25 |
| TLIX0002 | Initiate cargo border procedures                                     | 25 |
| TLIX0003 | Conduct advanced border clearance functions                          | 20 |
| TLIX4007 | Implement and monitor integrated logistics support plans             | 25 |
| TLIX4008 | Conduct integrated logistics support activities                      | 30 |
| TLIX4009 | Apply integrated logistics support processes and procedures          | 15 |
| TLIX4011 | Conduct logistics support analysis activities                        | 15 |
| TLIX4016 | Implement and monitor materiel sustainment plans                     | 20 |
| TLIX4017 | Conduct materiel sustainment activities                              | 15 |
| TLIX4018 | Apply materiel sustainment process and procedures                    | 15 |
| 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                | 15 |
| TLIX4028 | Apply knowledge of logistics   | 20 |
| TLIX4029 | Apply knowledge of integrated logistics support                      | 20 |

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| TLIX4030 | Apply knowledge of materiel sustainment                                   | 20 |
| TLIX4031 | Apply knowledge of configuration management                               | 20 |
| TLIX4032 | Apply knowledge of technical regulatory framework                         | 35 |
| TLIX4033 | Apply technical regulatory framework compliance management systems        | 35 |
| TLIX4034 | Apply technical risk management systems and techniques                    | 20 |
| TLIX4035 | Maintain technical data and information                                   | 20 |
| TLIX4036 | Analyse, advise on and carry out integrated border clearance transactions | 40 |
| TLIX5003 | Develop and review integrated logistics support plans                     | 45 |
| TLIX5004 | Develop integrated logistics support processes and procedures             | 65 |
| TLIX5005 | Manage integrated logistics support operations                            | 45 |
| TLIX5006 | Manage verification and validation  | 30 |
| TLIX5010 | Provide specialist integrated logistics support advice                    | 25 |
| TLIX5012 | Develop and review materiel sustainment plans                             | 35 |
| TLIX5013 | Develop materiel sustainment processes and procedures                     | 35 |
| TLIX5014 | Manage materiel sustainment operations                                    | 25 |
| TLIX5015 | Establish supply chains   | 15 |
| TLIX5019 | Provide specialist materiel sustainment advice                            | 20 |
| TLIX5020 | Develop and review configuration management plans                         | 30 |
| TLIX5021 | Manage configuration management processes                                 | 30 |
| 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 |
| 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 |

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| TLIX5044 | Organise health support operations  | 50 |
| TLIX5045 | Manage and monitor catering on deployed operations                              | 40 |
| TLIX5046 | Carry out standard customs clearance practices                                  | 55 |
| TLIX5047 | Determine customs value   | 35 |
| TLIX5048 | Determine import/export prohibitions/restrictions                               | 25 |
| TLIX5049 | Determine indirect taxes  | 35 |
| TLIX5050 | Determine origin of goods and apply preference schemes or free trade agreements | 25 |
| TLIX5052 | Determine complex customs value   | 35 |
| TLIX5053 | Determine tariff classification for complex goods                               | 35 |
| TLIX5054 | Comply with biosecurity border clearance  | 25 |
| TLIX5055 | Apply anti-dumping and countervailing measures                                  | 20 |
| TLIX5056 | Carry out additional customs clearance practices                                | 25 |
| TLIX5058 | Review decisions of regulatory bodies   | 25 |
| TLIX6001 | Formulate materiel logistics strategies   | 65 |
| TLIX6002 | Contribute to materiel logistics strategies                                     | 60 |
| 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 |

## Skill Sets and Nominal Hours

The following table provides a summary of the skill sets and nominal hours in the training package.

| National Code | National Title   | Nominal Hours |
|---------------|--|---------------|
| TLISS00092    | Mentoring Skill Set  | 25            |
| TLISS00093    | Integrated Logistics Support Inventory Controller Skill Set                            | 145           |
| TLISS00094    | Integrated Logistics Support Management Skill Set                                      | 180           |
| TLISS00095    | Integrated Logistics Support Practitioner Skill Set                                    | 160           |
| TLISS00096    | Logistics Configuration Management Skill Set   | 95            |
| TLISS00097    | Logistics Executive Management Skill Set   | 290           |
| TLISS00098    | Logistics Inventory Controller Skill Set   | 145           |
| TLISS00099    | Logistics Product Management Skill Set   | 120           |
| TLISS00100    | Logistics Sustainment Management Skill Set   | 115           |
| TLISS00101    | Logistics Sustainment Practitioner Skill Set   | 140           |
| TLISS00102    | Access and Move a Track Vehicle Within a Defined Worksite Skill Set                    | 25            |
| TLISS00103    | Accessing the Rail Corridor Skill Set  | 10            |
| TLISS00104    | Aluminothermic Welding Skill Set   | 60            |
| TLISS00105    | Blocking Protection Skill Set  | 35            |
| TLISS00106    | Conduct Track Protection Skill Set   | 20            |
| TLISS00107    | Control Rail Traffic Through Worksite Skill Set  | 35            |
| TLISS00108    | Coordinate Multiple Work Groups Skill Set  | 15            |
| TLISS00109    | Decommission Mechanical Signalling Infrastructure and Interlocking Equipment Skill Set | 40            |
| TLISS00110    | Electric Track Welding Skill Set   | 50            |
| TLISS00111    | Examining Concrete/Masonry Structures Skill Set  | 18            |
| TLISS00112    | Examining Steel Structures Skill Set   | 125           |
| TLISS00113    | Examining Timber Structures Skill Set  | 35            |
| TLISS00114    | Flashbutt Welding Skill Set  | 80            |



|            |   |     |
|------------|---|-----|
| TLISS00115 | Handsignaller Skill Set   | 20  |
| TLISS00116 | Install Mechanical Equipment Skill Set                              | 40  |
| TLISS00117 | Installing Minor Structures Skill Set                               | 30  |
| TLISS00118 | Installing Transoms Skill Set                                       | 35  |
| TLISS00119 | Light On-track Equipment Operation Skill Set                        | 55  |
| TLISS00120 | Lookout Working Skill Set   | 20  |
| TLISS00121 | Maintain Aerial Signal/Telecommunication Lines and Cables Skill Set | 40  |
| TLISS00122 | Maintain Bridge Bearings Skill Set                                  | 35  |
| TLISS00123 | Maintain Mechanical Equipment Skill Set                             | 120 |
| TLISS00124 | Minor Track Equipment Operation Skill Set                           | 20  |
| TLISS00125 | Operate Signalling/Point Control Equipment Skill Set                | 20  |
| TLISS00126 | Plan Track Possessions Protection Skill Set                         | 50  |
| TLISS00127 | Rail Adjustment Skill Set   | 40  |
| TLISS00128 | Rail Infrastructure Induction Skill Set                             | 90  |
| TLISS00129 | Repairing Concrete/Masonry Structures Skill Set                     | 58  |
| TLISS00130 | Repairing Steel Structures Skill Set                                | 60  |
| TLISS00131 | Repairing Timber Structures Skill Set                               | 40  |
| TLISS00132 | Suburban Network Train Driver Assistant Skill Set                   | 447 |
| TLISS00133 | Track Grinding Skill Set  | 18  |
| TLISS00134 | Track Inspection Skill Set  | 60  |
| TLISS00135 | Track Lubrication Skill Set   | 53  |
| TLISS00136 | Track Occupancy Protection Skill Set                                | 50  |
| TLISS00137 | Track Patrol Skill Set  | 40  |
| TLISS00138 | Travel Medium/Heavy On-Track Equipment Skill Set                    | 55  |
| TLISS00139 | Travel Track Vehicle Under Block Working Conditions Skill Set       | 25  |
| TLISS00140 | Travel Track Vehicle Under Occupancy Authority Skill Set            | 40  |
| TLISS00141 | Ultrasonic Points and Crossings Testing Skill Set                   | 70  |
| TLISS00142 | Ultrasonic Rail Testing Skill Set                                   | 35  |

|            |  |     |
|------------|--|-----|
| TLISS00143 | Certify Rolling Stock Skill Set                                | 10  |
| TLISS00144 | Move Rolling Stock Within Defined Limits Skill Set             | 80  |
| TLISS00145 | Rail Maintainer Skill Set                                      | 110 |
| TLISS00146 | Tram or Light Rail Turnout Construction Skill Set              | 20  |
| TLISS00147 | Tram or Light Rail Turnout Installation Skill Set              | 20  |
| TLISS00148 | Submerged ARC Welding Skill Set                                | 25  |
| TLISS00149 | Tram or Light Rail Track Inspection Skill Set                  | 60  |
| TLISS00150 | Tram or Light Rail Track Sweeping Skill Set                    | 25  |
| TLISS00151 | Lead Shunter Skill Set   | 100 |
| TLISS00152 | Rail Operations Safeworking Skill Set                          | 75  |
| TLISS00153 | Rail Signal Panel Operation Skill Set                          | 130 |
| TLISS00154 | Train Buffet Operation Skill Set                               | 95  |
| TLISS00155 | Road Safety Skill Set  | 130 |
| TLISS00156 | Tow Truck Driver Skill Set                                     | 110 |
| TLISS00157 | Road Transport Driver Skill Set                                | 135 |
| TLISS00158 | Chemical Tanker Driver Skill Set                               | 145 |
| TLISS00159 | Fuel Tanker Driver Skill Set                                   | 190 |
| TLISS00160 | LP Gas Tanker Driver Skill Set                                 | 145 |
| TLISS00161 | Owner Driver Skill Set   | 155 |
| TLISS00162 | Driving Instructor Skill Set                                   | 50  |
| TLISS00163 | Complier/Classifier Skill Set                                  | 220 |
| TLISS00164 | International Freight Forwarding Skill Set                     | 230 |
| TLISS00166 | Furniture Removal Team Leader Skill Set                        | 130 |
| TLISS00168 | Introduction to the Waste Industry Skill Set                   | 135 |
| TLISS00169 | Stevedoring Clerical Skill Set                                 | 160 |
| TLISS00170 | Stevedoring Crane Operations Skill Set                         | 175 |
| TLISS00171 | Stevedoring Equipment Controller Skill Set                     | 120 |
| TLISS00172 | Stevedoring Equipment Operations/Light Load Shifting Skill Set | 135 |

|            |  |     |
|------------|--|-----|
| TLISS00173 | Stevedoring Equipment Operations/Specialised Load Shifting Skill Set | 135 |
| TLISS00174 | Stevedoring Gantry Crane Operations Skill Set                        | 175 |
| TLISS00175 | Stevedoring Operation Induction and Safety Skill Set                 | 115 |
| TLISS00176 | Stevedoring Reefer Skill Set   | 165 |
| TLISS00177 | Stevedoring Ship Mounted Crane Operations Skill Set                  | 185 |
| TLISS00178 | Stevedoring Team Leader Skill Set                                    | 150 |
| TLISS00179 | Waste Industry Off-Sider Skill Set                                   | 55  |
| TLISS00180 | Mobile Crane Operations Supervisor Skill Set                         | 250 |
| TLISS00181 | Open Road Operator Skill Set   | 190 |
| TLISS00182 | Road Tunnel Operator Skill Set                                       | 272 |
| TLISS00183 | Safety Critical Communications Skill Set                             | 45  |
| TLISS00184 | Furniture Removal Pre-Packer Skill Set                               | 95  |
| TLISS00185 | International Furniture Removal Packer and Wrapper Skill Set         | 100 |

## Mapping Qualifications

The following table provides an overview of the qualifications from Version 5, which replace qualifications from the existing version of the TLI Transport and Logistics Training Package.

| TLI Current Qualification |  |               |        | TLI Replacement Qualification |  |               |
|---------------------------|--|---------------|--------|-------------------------------|--|---------------|
| National Code             | National Title   | Nominal Hours | E / NE | National Code                 | National Title   | Nominal Hours |
| TLI31718                  | Certificate III in Mobile Crane Operations   | 575           | E      | TLI30118                      | Certificate III in Mobile Crane Operations   | 575           |
| TLI33115                  | Certificate III in Rail Customer Service   | 285           | E      | TLI33118                      | Certificate III in Rail Customer Service   | 285           |
| TLI41918                  | Certificate IV in Mobile Crane Operations  | 615           | E      | TLI40218                      | Certificate IV in Mobile Crane Operations  | 615           |
| TLI41216                  | Certificate IV in Transport and Logistics (Road Transport - Car Driving Instruction)           | 350           | E      | TLI41218                      | Certificate IV in Transport and Logistics (Road Transport - Car Driving Instruction)           | 350           |
| TLI41316                  | Certificate IV in Transport and Logistics (Road Transport - Heavy Vehicle Driving Instruction) | 470           | E      | TLI41318                      | Certificate IV in Transport and Logistics (Road Transport - Heavy Vehicle Driving Instruction) | 470           |
| TLI41416                  | Certificate IV in Transport and Logistics (Road Transport - Motorcycle Riding Instruction)     | 350           | E      | TLI41418                      | Certificate IV in Transport and Logistics (Road Transport - Motorcycle Riding Instruction)     | 350           |
| TLI50615                  | Diploma of Rail Operations Management  | 425           | E      | TLI50618                      | Diploma of Rail Operations Management  | 425           |

## Mapping Units of Competency

The following table provides an overview of the units of competency from Version 5, which replace units of competency from the existing version of the TLI Transport and Logistics Training Package.

| TLI Current Unit |  | TLI Replacement Unit |        |               |  |               |
|------------------|--|----------------------|--------|---------------|--|---------------|
| National Code    | National Title   | Nominal Hours        | E / NE | National Code | National Title   | Nominal Hours |
| TLILIC0012       | Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)        | 40                   | E      | TLILIC0002    | Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)        | 40            |
| TLILIC2001       | Licence to operate a forklift truck  | 40                   | E      | TLILIC0003    | Licence to operate a forklift truck  | 40            |
| TLILIC2002       | Licence to operate an order picking forklift truck                                     | 30                   | E      | TLILIC0004    | Licence to operate an order picking forklift truck                                     | 30            |
| TLILIC2005       | Licence to operate a boom-type elevating work platform (boom length 11 metres or more) | 30                   | E      | TLILIC0005    | Licence to operate a boom-type elevating work platform (boom length 11 metres or more) | 30            |
| TLILIC3003       | Licence to operate a bridge and gantry crane   | 70                   | E      | TLILIC0006    | Licence to operate a bridge and gantry crane   | 70            |
| TLILIC3004       | Licence to operate a derrick crane   | 55                   | E      | TLILIC0007    | Licence to operate a derrick crane   | 55            |
| TLILIC3006       | Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)         | 60                   | E      | TLILIC0008    | Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)         | 60            |
| TLILIC3007       | Licence to operate a portal boom crane   | 90                   | E      | TLILIC0009    | Licence to operate a portal boom crane   | 90            |
| TLILIC3008       | Licence to operate a slewing mobile crane (up to 20 tonnes)                            | 70                   | E      | TLILIC0010    | Licence to operate a slewing mobile crane (up to 20 tonnes)                            | 70            |
| TLILIC3019       | Licence to operate a reach stacker (greater than 3 tonnes capacity)                    | 40                   | E      | TLILIC0011    | Licence to operate a reach stacker (greater than 3 tonnes capacity)                    | 40            |
| TLILIC4009       | Licence to operate a slewing mobile crane (up to 60 tonnes)                            | 70                   | E      | TLILIC0013    | Licence to operate a slewing mobile crane (up to 60 tonnes)                            | 70            |
| TLILIC4010       | Licence to operate a slewing mobile crane (up to 100 tonnes)                           | 70                   | E      | TLILIC0014    | Licence to operate a slewing mobile crane (up to 100 Tonnes)                           | 70            |
| TLILIC4011       | Licence to operate a slewing mobile crane (over 100 tonnes)                            | 70                   | E      | TLILIC0015    | Licence to operate a slewing mobile crane (over 100 Tonnes)                            | 70            |

## Mapping Skill Sets

The following table provides an overview of the skill sets from version 5, which replace skill sets from the existing version of the TLI Transport and Logistics Training Package.

| TLI Current Skill Set |                |               |        | TLI Replacement Skill Set |                |               |
|-----------------------|----------------|---------------|--------|---------------------------|----------------|---------------|
| National Code         | National Title | Nominal Hours | E / NE | National Code             | National Title | Nominal Hours |

No changes occurred between TLI v4 and TLI v5.

## Apprenticeships

The following table provides a summary of the qualifications in the TLI Transport and Logistics Training Package and the accredited apprenticeship courses they will replace.

| National Code | National Title | Apprenticeship | Nominal Hours | E / NE | National Code | National Title | Nominal Hours |
|---------------|----------------|----------------|---------------|--------|---------------|----------------|---------------|
|---------------|----------------|----------------|---------------|--------|---------------|----------------|---------------|

No changes occurred between TLI v4 and TLI v5.

## Traineeships

The following table provides a summary of the qualifications in the TLI Transport and Logistics Training Package and the accredited traineeship courses they will replace.

| TLI Current Qualification |  |   |               |        | TLI Replacement Qualification |  |               |
|---------------------------|--|---|---------------|--------|-------------------------------|--|---------------|
| National Code             | National Title                             | Traineeship                                 | Nominal Hours | E / NE | National Code                 | National Title                             | Nominal Hours |
| TLI31718                  | Certificate III in Mobile Crane Operations | TR07430: MOBILE CRANES OPERATIONS (LEVEL 3) | 575           | E      | TLI30118                      | Certificate III in Mobile Crane Operations | 575           |



## Pre-Apprenticeships

The following table provides a summary of the qualifications in the TLI Transport and Logistics Training Package and the accredited pre-apprenticeship courses they will replace.

| National Code | National Title | Pre-Apprenticeship | Nominal Hours | E / NE | National Code | National Title | Nominal Hours |
|---------------|----------------|--------------------|---------------|--------|---------------|----------------|---------------|
|---------------|----------------|--------------------|---------------|--------|---------------|----------------|---------------|

No changes occurred between TLI v4 and TLI v5.