

Qualification details



TLI37121 - Certificate III in Rail Infrastructure

Summary

| Releases: | Release | Status | Release date |
|-----------|---------|---------|--------------|
| | 1 | Current | 2021/11/22 |

Usage recommendation: **Superseded**

| Mapping: | Mapping | Notes | Date |
|----------|--|-------|------------|
| | Is superseded by and equivalent to TLI37122 - Certificate III in Rail Infrastructure | | 2022/07/26 |
| | Supersedes and is equivalent to TLI37120 - Certificate III in Rail Infrastructure | | 2021/11/22 |

Training packages that include this qualification

| Code | Title | Release |
|------|--|-------------|
| TLI | Transport and Logistics Training Package | 10.0 - 11.0 |

Units of competency

| Code | Title | Essential |
|-------------|---|-----------|
| AHCMOM213 | Operate and maintain chainsaws | Elective |
| AHPCPM205 | Fell small trees | Elective |
| CPCCLDG3001 | Licence to perform dogging | Elective |
| NWPCAD002 | Control vegetation on a site | Elective |
| RIICCM201E | Carry out measurements and calculations | Elective |
| RIICCM203E | Read and interpret plans and job specifications | Elective |
| RIIRIS401E | Apply site risk management system | Elective |
| RIIWHS302E | Implement traffic management plans | Elective |
| TAEDEL301 | Provide work skill instruction | Elective |
| TLIB2091 | Measure and record track geometry | Elective |
| TLIB2092 | Operate minor mechanical equipment | Elective |
| TLIB2097 | Install and maintain guard rails | Elective |
| TLIB3040 | Inspect poles and associated hardware | Elective |
| TLIB3094 | Check and repair track geometry | Elective |
| TLIB3095 | Check and repair points and crossings | Elective |
| TLIB3099 | Examine track infrastructure | Elective |
| TLIB3100 | Visually inspect track infrastructure | Elective |
| TLIB3102 | Adjust rail | Elective |
| TLIB4071 | Install and maintain pole mounted switches and transformers | Elective |
| TLIC2058 | Travel medium or heavy self-propelled on-track equipment | Elective |
| TLIC3003 | Drive medium rigid vehicle | Elective |
| TLIC3045 | Operate road/rail vehicle | Elective |

| Code | Title | Essential |
|----------|---|-----------|
| TLID0012 | Operate a vehicle-mounted loading crane | Elective |
| TLID0016 | Operate a forklift | Elective |
| TLIE0002 | Process workplace documentation | Elective |
| TLIE2007 | Use communications systems | Core |
| TLIE2029 | Conduct workplace information briefings | Core |
| TLIF0008 | Apply safety critical communications in the rail environment | Elective |
| TLIF0015 | Recognise the impact of human capabilities/limitations on human performance in a rail environment | Elective |
| TLIF2006 | Apply accident-emergency procedures | Elective |
| TLIF3003 | Implement and monitor work health and safety procedures | Core |
| TLIF3058 | Apply safeworking rules and regulations to rail functions | Elective |
| TLIF3089 | Implement fatigue management policies and procedures for rail infrastructure | Elective |
| TLIG0002 | Lead a work team | Elective |
| TLIG0003 | Work effectively with others in a team | Elective |
| TLIG2007 | Work in a socially diverse environment | Elective |
| TLII0005 | Apply customer service skills | Elective |
| TLIJ0003 | Apply quality systems | Core |
| TLIK2010 | Use infotechnology devices in the workplace | Elective |
| TLIS0001 | Construct and assemble points and crossings | Elective |
| TLIS0002 | Install and maintain surface track drainage | Elective |
| TLIS0003 | Install turnouts | Elective |
| TLIS0004 | Measure and mark track for resurfacing | Elective |
| TLIS2012 | Install and service rail lubrication equipment | Elective |
| TLIS2033 | Install and repair temporary track supports | Elective |
| TLIS2034 | Install and repair rail fastening systems | Elective |
| TLIS2035 | Install and repair fences and gates | Elective |
| TLIS3010 | Test rail using ultrasonic equipment | Elective |
| TLIS3011 | Test rail using nondestructive testing equipment | Elective |
| TLIS3025 | Implement ballast unloading | Elective |
| TLIS3026 | Implement track maintenance and construction | Elective |
| TLIS3037 | Install and repair rail earthworks | Elective |
| TLIU4001 | Implement and monitor environmental protection policies and procedures | Elective |
| TLIW0003 | Grind rail on tram/light rail systems | Elective |
| TLIW0004 | Grind rails | Elective |
| TLIW0005 | Grind switches and crossings | Elective |
| TLIW0006 | Heat and cut materials using oxy-LPG equipment for the rail industry | Elective |
| TLIW0008 | Weld rail using flashbutt welding process | Elective |
| TLIW2028 | Identify the principles of ballast cleaning operations | Elective |
| TLIW2029 | Identify the principles of ballast regulator operations | Elective |
| TLIW2030 | Identify the principles of dynamic track stabiliser operations | Elective |
| TLIW2031 | Identify the principles of self-propelled rail grinder operations | Elective |
| TLIW2032 | Identify the principles of tamping machine operations | Elective |
| TLIW2033 | Identify the principles of mechanised track laying operations | Elective |
| TLIW3015 | Weld rail using aluminothermic welding process | Elective |
| TLIW3027 | Operate minor track equipment | Elective |

| Code | Title | Essential |
|----------|---|-----------|
| TLIW3043 | Weld rail on tram/light rail systems using electric welding process | Elective |

Classifications

| Scheme | Code | Name |
|--|--------|--|
| ANZSCO Identifier | 821611 | Railway Track Worker |
| ASCED Qualification/Course Field of Education Identifier | 0399 | Other Engineering And Related Technologies |
| Qualification/Course Level of Education Identifier | 514 | Certificate III |
| Taxonomy - Industry Sector | N/A | Rail Transport |
| Taxonomy - Occupation | N/A | Railway Track Worker, Rail Track Surfer, Welder, Track Installer, Track Maintainer, Track Worker, Senior Track Installer, Track Maintainer, Railway Ganger |

Classifications history

| Scheme | Code | Name | Start date | End date |
|--|--------|--|------------|----------|
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| Qualification/Course Level of Education Identifier | 514 | Certificate III | 2021/11/22 | |