Track & Civil

Version 3 22/03/2108
Reviewed by Max Mcfadzen

Note: The matrix below is reproduced best-effort; "x" indicates a required competency for the role in that column. The grey divider between "Restressing Supervisor" and "Rail Labourer" is omitted.

Track & Civil	(equivalent/ corresponding)			Rail Infrastructure Worker Level 2	Rail Infrastructure Worker Level 3	Rail Infrastructure Worker Level 4	Road Patroller	Rail Infrastructure Inspector	Rail Welder (Aluminothermic)	Points and crossing welder	Ultrasonic Rail Tester	Restressing Supervisor	Rail Labourer	Head Repairer (Aluminothermic)	Ultrasonic Tester Turnouts	Rail Adjuster	Track Construction Certifier	Track Constructor	Turnout Constructor	Rail Welder (Mobile Flashbutt)	Rail Welder (Fixed Flashbutt)	Temporary Track Support Installer	Earthworks Supervisor	Ballast Unloader	Rail Lube Maintainer	Fence Installer and maintainer
National Unit of Competency																										
CPCCOHS1001A - Work safely in the construction industry (White / Blue card)				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CAT 1 Medical							x				x															
CAT 3 Medical				x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Aurizon Rail Corridor Induction				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Aurizon General Contractor Induction (contractor only)				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Aurizon Isolation and Lockout - Protected Person (Online)				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
TLI21315 Cert II Rail Infrastructure Core																										
TLIB1028 Maintain and use hand tools				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
TLID1001 Shift materials safely using manual handling methods				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
TLIE1003 Participate in basic workplace communication				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
TLIF1001 Follow occupational health and safety procedures				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
TLIF2010 Apply fatigue management strategies	TLIF1007C	TDTF1097B	TDTF1097A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
TLIF2080 Safely access the rail corridor	TLIF2080B	TLIF2080A		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
TLIU2008 Apply environmental procedures to rail infrastructure				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
TLI21315 Cert II Rail Infrastructure																										
TLIB2085 - Apply track fundamentals				x	x	x	x	x	x	x	x	x														
TLIB2092 - Operate minor mechanical equipment				x	x	x	x	x	x	x	x	x														
TLIS2034 - Install and repair rail fastening systems	TLIX2709A	New		x	x	x	x	x	x	x	x	x		x		x	x	x	x	x	x				x	
TLIS2044 - Carry out rail installation				x	x	x	x	x	x	x		x		x		x	x	x	x	x	x					
TLIS2031 - Install railway sleepers	TLIX2409A	New		x	x	x	x										x	x	x							
TLIS2030 - Carry out track ballasting				x	x	x	x	x																		
Electives																										
TLIB1093 - Clean equipment and restore worksite				x	x	x	x	x	x	x	x	x														
TLIB2121 - Maintain rail joints	TLIB2121A	New		x	x	x	x	x										x	x							
TLIB2091 - Measure and record track geometry				x	x	x	x	x				x														
TLI32515 Cert III Rail Infrastructure Core																										
RIICM201D - Carry out measurements and calculations						x	x	x		x	x	x														
TLIE2007 - Use communication systems						x	x	x		x	x	x														
TLIE2029 - Conduct workplace information briefings						x	x	x		x	x	x														
TLIF3003 - Implement and monitor occupation and health procedures						x	x	x		x	x	x														
TLIJ3002 - Apply quality systems						x	x	x		x	x	x														
TLI32515 Cert III General Elective Units																										
TLIB3094 - Check and repair track geometry						x	x	x																		
TLIB3095 - Check and repair points and crossings						x	x	x																		
RIICCM203D - Read and interpret plans and specifications						x	x	x		x	x	x														
TLIS3026 - Implement track maintenance and construction	TLIS3026A	TLIX1909A	New			x	x	x										x	x							
TLIB3102 - Adjust rail	TLIB10209A	New				x	x	x				x				x										
TLIB3099 -Examine track infrastructure	TLIB9099A					x	x	x										x								
TLIB3100 - Visually inspect track infrastructure	TLIB10009A	New				x	x	x										x								
TLIE2008 - Process workplace documentation (check if ready)											x															
TLIS3010 - Test rail using ultrasonic equipment											x															
TLIS3011 - Test rail using non-destructive testing equipment	TLIS1109A	New									x				x											
TLIW3015 - Weld rail using aluminotheric welding process	TLIW1509A	New							x					x												
TLIW3035 - Heat and cut materials using OXY-LPG									x	x															
TLIW2012 - Grind rails	TLIW1209A	New							x	x						x		x				x	x			
TLIW3013 - Grind Switches and crossings										x															
TLIB2001 - Check and assess operation capacities of equipment										x															
TLIW0036 - Apply electric welding process to rail										x															
TLIS2012 - Install and service rail lubrication equipment	TLIS1209A	New																						x	
TLIS2033 - Install and repair temporary track supports	TLIX2609A	New																			x				
TLIS2035 - Install and repair fences and gates	TLIX2809A	New																							x
TLIS3025 - Implement ballast unloading (check)	TLIX1809A	New																					x		
TLIS3037 - Install and repair rail earthworks	TLIS3037A	TLIX3009A	New																			x			
TLIS3045 - Install Turnouts								x									x	x	x							
TLIW3016 - Weld rail using flashbutt welding process	TLIW1609A	New																		x	x					
Safe working competencies																										
TLIF2097 - Use audible track warning devices						x	x	x			x															
TLIF2081 - Perform lookout duties						x	x	x			x															
TLIW2038 - Place and remove temporary speed restriction equipment	New					x	x	x			x						x	x	x		x					
TLIW2039 - Place and remove per way stop boards						x	x	x			x															
TLIF3083 - Conduct track protection assessment						x	x	x			x															
TLIW3026 - Operate stand alone signalling points control equipment								x			x															
TLIL3082 - Implement absolute signal blocking						x	x	x			x															
TLIW2037 - Clip and secure points						x	x	x			x															
TLIF2062 - Apply awareness of safeworking rules and regulations											x															
TLIC2054 - Access rail track to run track vehicle within defined worksite						x	x	x			x															
TLIW2001 Operate under track protection rules	TLIW107B	TDTW101A				x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
CAT 3 Qualifications																										
TLIF3058 - Apply safe working rules and regulations to rail functions							x				x															
TLIC2054 - Access rail track to run track vehicle within defined worksite							x				x															
TLIF2078 - Indetify and respond to signalsand track signs							x				x															
TLIF2106 - Respond to emergencies and abnormal situations when driving medium/heavy on track vehicles							x				x															
Aurizon CAT 3 Driver Theory Training Course (40003888)							x				x															
Aurizon CAT 3 Driver Qualified (40011526)							x				x															
Aurizon Specific																										
Aurizon Authority to Weld Induction Course (40009072)									x			x														
Aurizon Authority to Supervisor Restressing Induction (40011234)												x														
Aurizon Authority to work as Restressing Supervisor (40010902)												x														
Aurizon Authority to work as Aluminothermic Welder (40009073)									x																	
Temporary Traction Bonding by Trackworker (20600068)							x																			
Aurizon Authority to Weld Points and Crossings										x																
Track recording data course (40010310)							x	x																		
Aurizon Authority to wirk as Road Patroller (40010311)							x																			
ICAM Basic Investigator (400004528)								x																		
Derailment Prevention Workshop 1 (400008483)								x																		
Aurizon Authority to work as Rail Infrastructure Inspector (40010312)								x																		
Aurizon Authority to work as Ultrasonic Rail Tester (40010827)											x															
Blue Cert Hi-rail single axle (40000000 - Aurizon specific)							x				x															