

National Unit Of Competency (Unit code and descriptor) and other Essential Education, Training and Evidence Requirements	Rail Safety Work Descriptor	Track inspector/examiner/certifier	Track Maintainer	Ganger	Rail Welder (Aluminothermic)	Wire Feed Welder	Ultrasonic Tester	Earthworks Supervisor	Turnout Constructor	Ballast Unloader	Track Constructor (Plate Layer)	Track Construction Certifier	Rail Lube Maintainer	Fence Installer and maintainer	Rail Labourer	Rail Labourer - Vegetation Control	Acceptable superceded units
TLIF2080C Safely access the rail corridor (1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	TLIF2080B
CPCCOHS1001A Work safely in the construction industry	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Medical Assessment	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MTM Safety & Environmental Induction	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
TLIB1028A Maintain and use hand tools	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	TLIB2807B
TLID1001A Shift materials safely using manual handling methods	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	TLID107C
TLIE1003A Participate in basic workplace communication	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	TLIE307C
TLIF1001A Follow occupational health and safety procedures	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	TLIF107C
TLIF2010A Apply fatigue management strategies	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	TLIF1007C
TLIF2062A Apply awareness of safeworking rules and regulations	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	TLIF6207A
TLIU2008A Apply environmental procedures to rail infrastructure	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	TLIU809A
TLI32511 - Certificate III in Rail Infrastructure			X														TLI32510
TLIS2031A Install railway sleepers	X	X							X		X	X					TLIX2409A
TLIB3095A Check and repair points and crossings	X								X		X						TLIB9509A
TLIB3094B Check and repair track geometry	X								X		X						TLIB3094A
TLIB3099A Examine track infrastructure	X										X						TLIB9909A
TLIB3100A Visually inspect track infrastructure	X										X						TLIB10009A
TLIB2097A Install and maintain guard rails	X	X									X	X					TLIB9709A
TLIB2121A Install and maintain rail joints	X	X															TLIB2121B
TLIS2034A Install and repair rail fastening systems	X	X							X		X	X					TLIX2709A
TLIS2044A Carry out rail installation	X	X		X							X	X					
TLIB2085A Apply track fundamentals	X	X															TLIB8509A
TLIB2092A Operate minor mechanical equipment	X	X															TLIB9209A
TLIS2013B Install minor structures	X	X															TLIS2013A
TLIS3026B Implement track maintenance and construction									X		X						TLIS3026A
TLIS2027A Install and maintain surface track drainage								X	X		X	X					TLIX2009A
TLIS3010A Test rail using ultrasonic equipment (3)							X										TLIS1009A
TLIS3011A Test rail using non-destructive testing equipment(3)							X										TLIS1109A
American Society of NDT's SNT-TC-1A (3)							X										
TLIS3037B Install and repair rail earthworks								X									TLIS3037A
CPCCCM2006A Apply basic levelling procedures								X									CPCCCM2006B
TLIS2030A Carry out track ballasting	X	X								X							TLIX2309A
TLIS3045A Install points or crossings									X		X	X					TLIS3038A
TLIS2012A Install and service rail lubrication equipment													X				TLIS1209A
TLIS2035A Install and repair fences and gates														X			TLIX2809A
TLIS3025A Implement ballast unloading										X							TLIX1809A
TLIB3102A Adjust rail				X	X												TLIB10209A
TLIW2012A Grind rails				X	X												TLIW1209A
TLIW3015A Weld rail using aluminothermic welding process				X													TLIW1509A
TLIW0036A Apply electric welding process to rail					X												TLIW3014A
TLIB2091A Measure and record track geometry	X	X															TLIB9109A
AHCCHM101A Follow basic chemical safety rules																X (2)	RTC1701A
AHCCHM201A Apply chemicals under supervision																X (2)	RTC2706A
AHCCHM303A Prepare and apply chemicals																X (2)	RTC3704A
AHCCHM304A Transport, handle and store chemicals																X (2)	RTC3705A
TLIS3039A Measure and mark track for resurfacing	X	X															

Notes

(1) Refer 'Note 4' on the Safeworking Matrix for specific requirements associated with this unit and Train Track Safety Awareness.

(2) Required where the track maintenance specifically involves the use of chemicals.
 - ChemCert training is valid for 5-years, after which time you must attend a refresher course.

(3) SNT-TC-1A suitable alternative to TLI units.

(4) The Around The Track Role now falls under the ARA Matrix. Refer <http://railindustryworker.com.au/news/ara-matrix-first-three-roles-effective-from-15-november->

(5) If a unit code or title that you hold differs slightly to that listed on the Matrix please contact Competencies@metrotrains.com.au for clarification.

Matrix Code
 X Mandatory
 X Optional