

Structures, Version 3.3, Jul 2016

National Unit Of Competency (Unit code and descriptor) and other Essential Education, Training and Evidence Requirements	Rail Safety Work Descriptor	Welders Assistant	Rail Welder - Hardface	Structures Maintainer/Repairer (Steel) Pathway 1	Structures Maintainer/Repairer (Steel) Pathway 2	Structures Maintainer/Repairer (Timber) Pathway 1	Structures Maintainer/Repairer (Timber) Pathway 2	Structures Maintainer/Repairer (Concrete/Masonry) Pathway 1	Structures Maintainer/Repairer (Concrete/Masonry) Pathway 2	Visual Structures Examiner/Inspector (Concrete/Masonry) Pathway 1	Visual Structures Examiner/Inspector (Concrete/Masonry) Pathway 2	Examiner/Inspector (Timber) Pathway 1	Visual Structures Examiner/Inspector (Timber) Pathway 2	Visual Structures Examiner/Inspector (Steel) Pathway 1	Visual Structures Examiner/Inspector (Steel) Pathway 2	Engineering Structures Inspector (Concrete/ Masonry) Pathway 1	Engineering Structures Inspector (Concrete/ Masonry) Pathway 2	Engineering Structures Inspector (Concrete/ Masonry) Pathway 3	Engineering Structures Inspector (Timber) Pathway 1	Engineering Structures Inspector (Timber) Pathway 2	Engineering Structures Inspector (Timber) Pathway 3	Engineering Structures Inspector (Steel) Pathway 1	Engineering Structures Inspector (Steel) Pathway 2	Engineering Structures Inspector (Steel) Pathway 3	Acceptable superceded units
TLIF2080C Safely access the rail corridor (2) (4)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	TLIF2080B
MTM Safety & Environmental Induction		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Medical Assessment Category 3		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CPCCOHS1001A Work safely in the construction industry		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
TLIB1028A Maintain and use hand tools		X																							
TLID1001A Shift materials safely using manual handling methods		X																							
TLIE1003A Participate in basic workplace communication		X																							
TLIF1001A Follow occupational health and safety procedures		X																							
TLIF2010A Apply fatigue management strategies		X																							
TLIF2062A Apply awareness of safeworking rules and regulations		X																							
TLIU2008A Apply environmental procedures to rail infrastructure		X																							
Relevant Welding Certification (5)		X																							
Hard Face Technology Pty Ltd Training - Crossings (6)			X																						
Hard Face Technology Pty Ltd Training - Switchblades (6)			X																						
Current CV / Resume				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Record of Relevant Experience				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Bachelor Degree																									
TLI21311 Certificate 2 Rail Infrastructure				X		X		X																	
MEM30305 – Certificate III Engineering Fabrication					X										X									X	
CPC31511 - Certificate III Formwork / Falsework							X		X		X		X				X			X					CPC31508
TLIB2081A Repair timber structures						X	X																		TLIB8109A
TLIB2096A Repair concrete/masonry structures								X	X																TLIB9609A
TLIB2082A Repair steel structures				X	X																				TLIB8209A
TLI32111 Certificate III Rail Structures										X		X		X		X			X						TLI32110
TLIB3087A Examine timber structures												X	X						X	X	X				TLIB8709A
TLIB3088A Examine steel structures													X	X								X	X	X	TLIB8809A
TLIB3098A Examine concrete/masonry structures										X	X					X	X	X							TLIB9809A
CPCCPD3010A Apply corrective paint coating systems (1)				X	X	X	X	X	X																
MEM24001B Perform basic penetrant testing													X	X									X	X	X
MEM24003B Perform basic magnetic particle testing													X	X									X	X	X
RIOHS205A Control traffic with a stop-slow bat (1)				X	X	X	X	X	X																RIOHS205D
<b>Essential Relevant Experience</b>																									
5 YEARS					X		X		X																
7 YEARS										X		X		X			X			X				X	
10 YEARS																	X	X		X			X	X	
<b>Notes.</b>																									
(1) Requirement depending upon role																									
(2) Refer 'Note 4' on the Safeworking Matrix for specific requirements associated with this unit and Train Track Safety Awareness																									
(3) 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.																									
(4) Existing cards /certificates must be replaced by Statements of Attainment with units from the TLI10 training package by 30 Sep 2015																									
(5) Relevant Certification means a certificate/statement of attainment in the type of civil welding applicable to the role, ie. ARC, MIG, TIG.																									
(6) Hardface Proprietary Training - Welding licence HF001																									
<b>Matrix Code</b>																									
X Mandatory																									
X Optional																									