

Rail Industry Worker Role

Current National Unit of Competency	Structures Repairer			Visual Structures Inspector						Engineering Structures Inspector		
	Structures Repairer Concrete/Masonry (Note 1)	Structures Repairer Timber (Note 2)	Structures Repairer Steel (Note 3)	Visual Structures Inspector Concrete/Masonry Pathway 1	Visual Structures Inspector Concrete/Masonry Pathway 2 ARTC Employees only (Note 4)	Visual Structures Inspector Timber Pathway 1	Visual Structures Inspector Timber Pathway 2 ARTC Employees only (Note 4)	Visual Structures Inspector Steel Pathway 1	Visual Structures Inspector Steel Pathway 2 ARTC Employees only (Note 4)	Engineering Structures Inspector Concrete/Masonry (Note 5 & 6)	Engineering Structures Inspector Timber (Note 5 & 6)	Engineering Structures Inspector Steel (Note 5 & 6)
Bachelor's degree (Structures related)										x	x	x
TLIF0020 Safely access the rail corridor	x	x	x	x	x	x	x	x	x	x	x	x
CPCWHS1001 Work safely in the construction industry	x	x	x	x	x	x	x	x	x	x	x	x
TLI27121 Certificate II Rail Infrastructure (Structures) or equivalent	x	x	x	x		x		x				
TLI32121 Certificate III Rail Structures or equivalent	x	x	x	x		x		x				
TLIB2081 Repair timber structures		x										
TLIB2096 Repair concrete/masonry structures	x											
TLIB2082 Repair steel structures			x									
TLIB3087 Examine timber structures						x	x				x	
TLIB3088 Examine steel structures								x	x			x
TLIB3098 Examine concrete/masonry structures				x	x					x		

Notes:

- Structures Repairer (Concrete/Masonry) accepts Certificate III in Formwork / Falsework or Certificate III in Concreting or Certificate III in Bricklaying/Block laying as equivalent for the Certificate II Rail Infrastructure (Structures) and the Certificate III in Structures
- Structures Repairer (Timber) accepts Certificate III in Carpentry and/or Joinery as equivalent for the Certificate II Rail Infrastructure (Structures) and the Certificate III in Structures
- Structures Repairer (Steel) accepts Certificate III in Engineering Fabrication as equivalent for the Certificate II Rail Infrastructure (Structures) and the Certificate III in Structures
- Must complete verification process to demonstrate a minimum of 5 years combined relevant experience with steel, concrete, masonry and/or timber structures
- Engineering [state registration](#) and specific industry experience may be requested in the contract tender process
- Engineers can also perform Visual Inspections once specific Engineering Inspector role requirements are met. *For example, Engineering Structures Inspector Timber valid job role can perform Visual Structures Inspections for Timber*