



# National Trades Matrix

		Auto Electrician - National	Boilermaker - National	Bricklayer - National	Carpenter - National	Electronic Trades - National	Site plant repairer/maintainer (formally Fitter) - National	Formworker - National	Mechanic - National	Plumber - National	Refrigeration - National	Rigger - National	Scaffolder - National	Sheet Metal Worker - National	Steel Fixer
	<b>Rail Safety Worker (Y/N)</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	<b>Medical Requirements</b>														
NTC	<b>Railway Medical Category 3 (Cat 3) Non Safety Critical</b> (on commencement of duty; >40 = every 5 years)	M	M	M	M	M	M	M	M	M	M	M	M	M	M
	<b>Nat Comp Codes Competency Requirements (non rail specific)</b>														
CPCCOHS1001A	Work Safely in the construction industry (White Card)	M	M	M	M	M	M	M	M	M	M	M	M	M	M
	Certificate III in Engineering Fabrication		M											M	
	Certificate III in Air-conditioning and Refrigeration										M				
	Certificate III in Automotive Electrical	M													
	Certificate III in Bricklaying/Blocklaying			M											
	Certificate III in Carpentry and/or Joinery				M										
	Certificate III in Electronics					M									
	Certificate III in Mechanic								M						
	Qualified Plumbing Trade									M					
	Certificate III in Formwork / Falsework							M							
	Certificate III in On/Off Site Plant Repairers						M								
	High Risk Licence to perform rigging											M			
	High Risk Licence to perform scaffolding												M		
CPCCCM2008A	Erect and dismantle restricted height scaffolding												O		
	Certificate III in Steel Fixing														M
	<b>Nat Comp Codes Transport and Logistics</b>														
TLIF2080	Safely access the rail corridor <i>Rail Operators have specific access requirements, therefore if you have obtained this unit of competence from a training provider not endorsed by the rail operator you may require further training.</i>	M	M	M	M	M	M	M	M	M	M	M	M	M	M

Notes:  
M\* = Must hold the machine specific competency or licence relevant to operations and/or state based requirement.  
\* = Must hold Workcover / Worksafe High Risk License for Task.  
(1) = Must hold the appropriate trade or licence for tasks being conducted.  
(2) = Must hold one of the UOC depending on machine size i.e. over/under 10T.  
# = Conditional operator requirement.

# National Trades Matrix

## Licencing Details

High Risk Roles
National - Dogman
National - Rigger
National - Scaffolder
High Risk Work Licences
Licence to perform rigging basic level (RB)
Licence to perform rigging intermediate level (RI)
Licence to perform rigging advanced level (RA)
Licence to perform scaffolding basic level (SB)
Licence to perform scaffolding intermediate level (SI)
Licence to perform scaffolding advanced level (SA)
Licence to perform dogging (DG)

**NOTES:**  
It is the individual's responsibility to ensure that state licensing requirements are held before work is carried out.

# National Trades Matrix

## Role examples (A-Z)



**NOTE:** These are to be used as a guide only. If you are unsure which role applied to you, please seek clarification from the operator with whom you propose to work as to what role is required for your intended duties. It is the individual's responsibility to ensure that the appropriate role is held before work is carried out.

Role	Examples
Auto Electrician	An auto electrician is a tradesperson specialising in electrical wiring of motor vehicles. Auto electricians may be employed in the installation of new electrical components or the maintenance and repair of existing electrical components.
Boilermaker	A boilermaker is a qualified tradesperson in which the primary work is to produce steel fabrications from plates and tubes, along with providing specialist welding services.
Bricklayer	A bricklayer is a qualified tradesperson who lays bricks to construct brickwork.
Carpenter	Carpentry is a qualified trade in which the primary work performed is the cutting, shaping and installation of building materials during the construction of buildings, timber bridges, concrete formwork, etc.
Dogman	A dogman or rigger specialises in the lifting/moving of large and heavy pipes and equipment. They must work together to ensure the slings are safely placed on the equipment to be lifted and that the slings are loaded onto the crane's hooking correctly. A dogman or rigger then directs the crane operator by either radio or hand signals to advise him when the load can be lifted and moved. Although not a physically demanding role, they are required to work on uneven ground and are constantly looking overhead watching the crane's hook.
Electronic Trades	Electronics technicians help design, develop, test, manufacture, install, and repair electrical and electronic equipment such as communication equipment, medical monitoring devices, navigational equipment, and computers. They may be employed in product evaluation and testing, using measuring and diagnostic devices to adjust, test, and repair equipment.
Site plant repairer/maintainer (formally Fitter)	A plant repairer/maintainer (formally known as fitter) is a person whose job is to assemble, adjust, repair, maintain or install machinery or equipment.
Formworker	A qualified person who constructs temporary or permanent moulds into which concrete or similar materials are poured.
Mechanic	A mechanic is a qualified tradesperson who performs mechanical work on mobile vehicles and plant
Plumber	A plumber is responsible for installing, repairing and maintaining pipes, fixtures and other plumbing used for water distribution and waste water disposal in commercial and residential buildings.
Refrigeration	Refrigeration Technicians, commonly known as Refrigeration Mechanics, repair, install and troubleshoot refrigeration systems. They can work on industrial or residential climate-control systems, such as HVAC units and refrigerated storage units.
Rigger	A dogman or rigger specialises in the lifting/moving of large and heavy pipes and equipment. They must work together to ensure the slings are safely placed on the equipment to be lifted and that the slings are loaded onto the crane's hooking correctly. A dogman or rigger then directs the crane operator by either radio or hand signals to advise him when the load can be lifted and moved. Although not a physically demanding role, they are required to work on uneven ground and are constantly looking overhead watching the crane's hook.
Scaffolder	Scaffolders erect, alter and dismantle temporary scaffolding structures that provide work platforms and stairway access to building sites.
Sheet Metal Worker	A sheet metal worker is a qualified tradesperson who creates, installs, and repairs sheet metal products.
Steel Fixer	Steel fixers position and assemble steel bars and mesh sheeting with ligatures to form reinforcement for concrete structures such as concrete slabs, columns, drainage and communication pits, walls and concrete barrier structures. Steel fixing is the mould created prior to pouring the concrete.

# National Trades Matrix

## Currency Requirements



NOTE: These are to be used as a guide only. If you are unsure which currency period applies to you, please seek clarification from the operator with whom you propose to work. It is the individual's responsibility to ensure that the appropriate currency is held before work is carried out.

Roles with currency requirements	Comments
Dogman	Dogman licence need to be updated every 5 years
Plumber	Licence valid for up to 5 years
Rigger	Basic, intermediate and advanced rigging licences need to be updated every 5 years
Scaffolder	Basic, intermediate and advanced scaffolding licences need to be updated every 5 years

Trade & Competency Group	Verified	Name	Owner	Active	Correct Y/N
<b>Auto Electrician</b> Automotive Electrical.Certificate III.Automotive Electrical GROUP		Automotive Electrical Certificate III.AUR30305 Certificate III in Automotive Electrical Technology	Realm: R/W	<input checked="" type="checkbox"/>	
		Automotive Electrical Certificate III.Automotive Electrical Technology	Realm: R/W	<input checked="" type="checkbox"/>	
		Tradesperson.Certificate III.Automotive – Apprenticeship Certificate of Completion	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Boliermaker</b> Engineering.Certificate III.Engineering Fabrication GROUP		Engineering Certificate III.MEM30305 - Engineering Fabrication	Realm: R/W	<input checked="" type="checkbox"/>	
		Engineering Certificate III.MEM30398 - Engineering Fabrication	Realm: R/W	<input checked="" type="checkbox"/>	
		Tradesperson.Certificate III.Fabrication - Apprenticeship Certificate of Completion	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Bricklayer</b> Bricklayer.Certificate III.Certificate III in Bricklaying/Blocklaying		Certificate III in Bricklaying/Blocklaying	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Carpenter</b> Carpenter.Certificate III.Certificate III in Carpentry and/or Joinery GROUP		Carpenter Certificate III.Certificate III in Carpentry and Joinery	Realm: R/W	<input checked="" type="checkbox"/>	
		Carpenter Certificate III.Certificate III in Carpentry	Realm: R/W	<input checked="" type="checkbox"/>	
		Carpenter Licence Fair Trading - Contractor Licence - Carpenter	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.BCG30798 - Formwork / Falsework	Realm: R/W	<input checked="" type="checkbox"/>	
		Tradesperson.Certificate III.Carpentry - Apprenticeship Certificate of Completion	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Electronic Trades</b> Electronics.Certificate III.Electronic Trades GROUP		Electronics Certificate III.Certificate III in Electronics and Communications	Realm: R/W	<input checked="" type="checkbox"/>	
		Engineering Certificate III.Engineering Electrical / Electronic	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.MEM30405 Engineering Electrical / Electronic	Realm: R/W	<input checked="" type="checkbox"/>	
		Tradesperson.Certificate III.Electronics - Apprenticeship Certificate of Completion	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Site Plant Repairer/Maintainer</b> Rail.Certificate III.Cert III On/Off Site Plant Repairers GROUP		Automotive Certificate III.AUR30405 Automotive Mechanical Technology	Realm: R/W	<input checked="" type="checkbox"/>	
		Automotive Certificate III.AUR30999 Automotive Mechanical HV Mobile Equip & Plant	Realm: R/W	<input checked="" type="checkbox"/>	
		Engineering Certificate III.MEM30205 Certificate III Engineering - Mechanical	Realm: R/W	<input checked="" type="checkbox"/>	
		Engineering Certificate III.MEM30305 - Engineering Fabrication	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.AUR30308 Automotive Electrical	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.AUR31212 Automotive Electrical Technology	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.MEM30405 Engineering Electrical / Electronic	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.UEE30807 Electrotechnology Electrician	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.UEE32211 Airconditioning and Refrigeration	Realm: R/W	<input checked="" type="checkbox"/>	
		Tradesperson.Certificate III.Filter - Apprenticeship Certificate of Completion	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Formworker</b> Rail.Certificate III.Formwork / Falsework GROUP		Formwork/Falsework.Certificate of Competency,WorkCover Card - Formwork (FF)	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.BCG30798 - Formwork / Falsework	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.CPC30211 – Carpentry (with Formwork competencies)	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.CPC31508 - Formwork / Falsework	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.CPC31511 - Formwork/Falsework	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Mechanic</b> Mechanic.Certificate III.Mechanic GROUP		Engineering Certificate III.MEM30205 Certificate III Engineering - Mechanical	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.Certificate III Mechanical or Equivalent	Realm: R/W	<input checked="" type="checkbox"/>	
		Tradesperson.Certificate III.Mechanical - Apprenticeship Certificate of Completion	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Plumber</b> Plumber.Qualified.Plumbing Trade GROUP		Plumber.Certificate III.Certificate III in Plumbing	Realm: R/W	<input checked="" type="checkbox"/>	
		Plumber.Licence Building Authority Plumbing Registration Card	Realm: R/W	<input checked="" type="checkbox"/>	
		Plumber.Licence Fair Trading - Contractor Licence - Plumber	Realm: R/W	<input checked="" type="checkbox"/>	
		Plumber.Licence Fair Trading – Supervisor Licence - Plumber	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Refrigeration</b> Air-conditioning & Refrigeration.Certificate III.Air-conditioning and Refrigeration GROUP		Air-conditioning & Refrigeration.Certificate III.UEE31307 Refrigeration & Airconditioning	Realm: R/W	<input checked="" type="checkbox"/>	
		Rail Certificate III.UEE32211 Airconditioning and Refrigeration	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Rigger</b> Rigger.High Risk Licence.Licence to perform rigging GROUP		Rigger.High Risk Licence.Licence to perform rigging advanced (RA)	Realm: R/W	<input checked="" type="checkbox"/>	
		Rigger.High Risk Licence.Licence to perform rigging basic (RB)	Realm: R/W	<input checked="" type="checkbox"/>	
		Rigger.High Risk Licence.Licence to perform rigging intermediate (RI)	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Dogman</b> Rigger.High Risk Licence.Licence to perform dogman GROUP		Licence to perform dogging (DG)	Realm: R/W	<input checked="" type="checkbox"/>	
		Rigger.High Risk Licence.Licence to perform rigging advanced (RA)	Realm: R/W	<input checked="" type="checkbox"/>	
		Rigger.High Risk Licence.Licence to perform rigging basic (RB)	Realm: R/W	<input checked="" type="checkbox"/>	
		Rigger.High Risk Licence.Licence to perform rigging intermediate (RI)	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Scaffolder</b> Scaffolder.High Risk Licence.Scaffolding GROUP		Scaffolder.High Risk Licence.Scaffolding Level - Advanced (SA)	Realm: R/W	<input checked="" type="checkbox"/>	
		Scaffolder.High Risk Licence.Scaffolding Level - Basic (SB)	Realm: R/W	<input checked="" type="checkbox"/>	
		Scaffolder.High Risk Licence.Scaffolding Level - Intermediate (SI)	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Sheet Metal Worker</b> Engineering.Certificate III.Engineering Fabrication GROUP		Engineering Certificate III.MEM30305 - Engineering Fabrication	Realm: R/W	<input checked="" type="checkbox"/>	
		Engineering Certificate III.MEM30398 - Engineering Fabrication	Realm: R/W	<input checked="" type="checkbox"/>	
		Tradesperson.Certificate III.Fabrication - Apprenticeship Certificate of Completion	Realm: R/W	<input checked="" type="checkbox"/>	
<b>Steel Fixer</b> Certificate III in Steelfixing (to be created)		CPC31111 - Certificate III in Steelfixing	Realm: R/W	<input checked="" type="checkbox"/>	
		CPC31108 - Certificate III in Steelfixing	Realm: R/W	<input checked="" type="checkbox"/>	