

Certificate II in Heavy and Light Rail Fundamentals

CAREER AND EDUCATION PATHWAYS



The 22537VIC Certificate II in Heavy and Light Rail Fundamentals (pre-vocational) qualification offers the fundamental skills and knowledge to understand how railways function and the different roles, tasks and skills needed in each operational area.

It compliments technical training across all domains. The pathways listed show complimentary qualifications for each job role. **Please note that the VETDSS pathways listed are suggestions only;** the Certificate II is not a prerequisite for entry to any other qualification or job role and does not take into account VCE completion requirements at different schools. Rail operators hire apprentices and trainees directly.

RAIL AND RAIL INFRASTRUCTURE PATHWAYS

Role	Electrical: Overhead Linesworker		Electrical: Signal Maintenance Technician		
VCE/VM VET Pathway	Certificate II in Electrotechnology (pre-app)	Certificate II in Heavy and Light Rail Fundamentals (pre-voc)	Certificate II in Electrotechnology (pre-app)	Certificate II in Heavy and Light Rail Fundamentals (pre-voc)	Certificate II in Integrated Technologies (pre-app)
Job type	Apprenticeship at Rail Operator – 4 years (Metro Trains, Yarra Trams)		Apprenticeship/Traineeship at Rail Operator – 4 years (Metro Trains, V/Line)		
On the job learning	Certificate III in Electrotechnology (apprenticeship)	Certificate IV in ESI - Rail Traction	Certificate III in Electrotechnology (apprenticeship)	+ Certificate IV in Electrical – Rail Signalling (traineeship)	
Future pathway			Diploma of Railway Signalling Systems		

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Role	Customer Service	Rolling Stock Maintenance/Electrician		
VCE/VM VET Pathway	Certificate II in Heavy and Light Rail Fundamentals (pre-voc)	Certificate II in Electrotechnology (pre-app)	Certificate II in Heavy and Light Rail Fundamentals (pre-voc)	Certificate II in Engineering Studies (pre-app)
Job type	Traineeship at Rail Operator – 1 year (Metro Trains, V/Line)	Apprenticeship at Manufacturer – 4 years (Downer, Alstom)		
On the job learning	Certificate III in Rail Customer Service (traineeship)	Certificate III in Electrotechnology (apprenticeship)	+ Certificate III in Engineering – Mechanical Trade (apprenticeship)	
Future pathway				

Role	Track Worker/labourer	Construction trades			
VCE/VM VET Pathway	Certificate II in Heavy and Light Rail Fundamentals (pre-voc)	Certificate II in Building and Construction (pre-app)	Certificate II in Electrotechnology (pre-app)	Certificate II in Heavy and Light Rail Fundamentals (pre-voc)	Certificate II in Plumbing (pre-app), Certificate II in Building and Construction
Job type	Track Worker role at Rail Operator Metro Trains, V/Line	Labouring role on MTIA rail sites Trades apprenticeship on MTIA rail sites			
On the job learning	Certificate II in Rail Infrastructure (core units or general/specialist pathway)	Certificate III in Electrotechnology (apprenticeship)	Certificate III in Carpentry (apprenticeship)	Certificate III in Plumbing (apprenticeship)	
Future pathway	Certificate III in Rail Infrastructure				

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