

Electrification of the Rail: Our new South Australian career opportunities



Rail traction, Traction bonding, Substation controller, Signal bonding, Rail signalling.

School VET

C1 electrotechnology

C1 Utilities

School or Registered Training Organisation

C2 Career Start

C2 Transmission Line Assembly

Conducted at a Registered Training Organisation

C3 in Electrical Apprenticeship 4 years



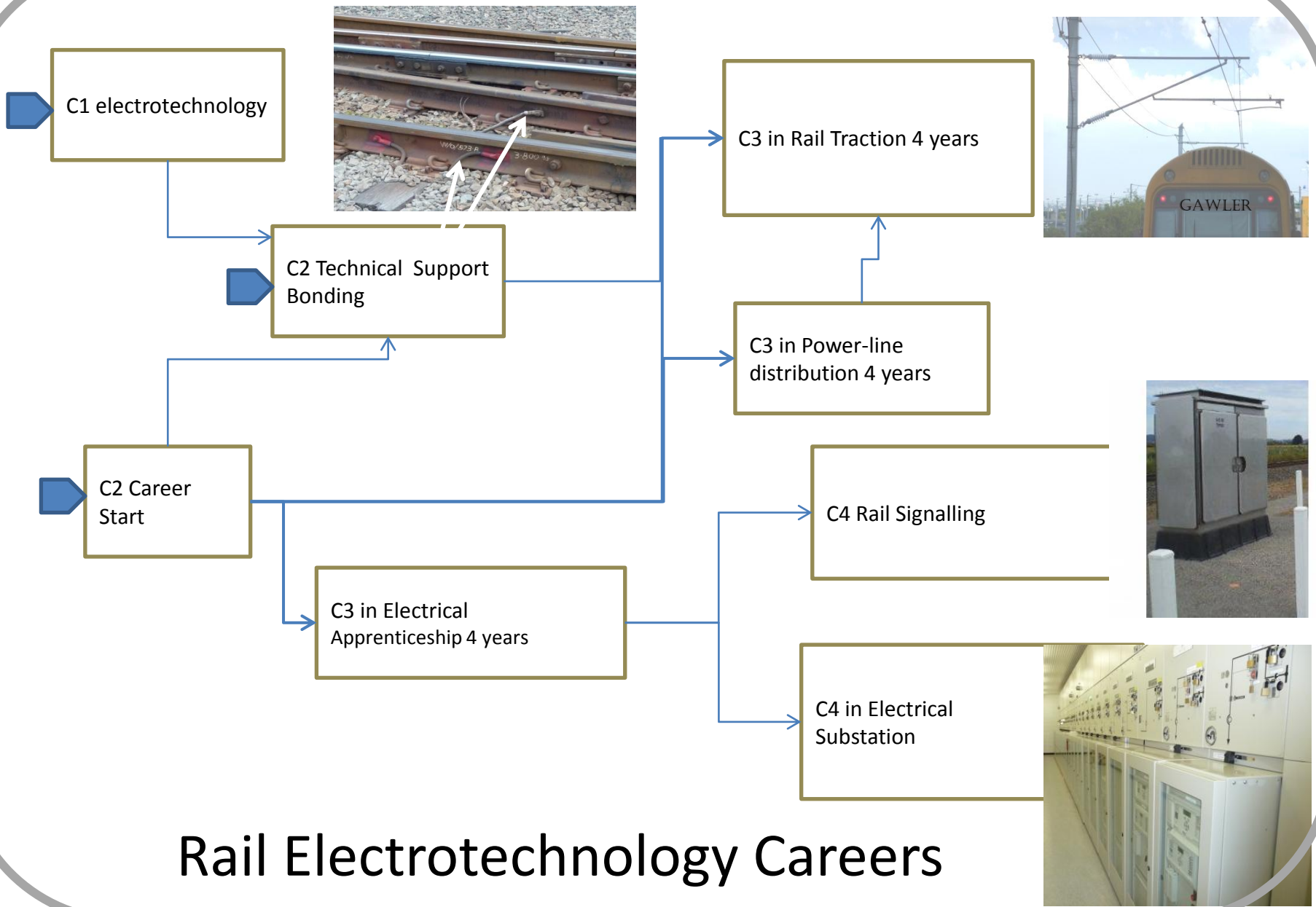
C4 signalling
C4 substation

C3 in Powerline 4 years



C3 in Rail Traction 4 years





Rail Electrotechnology Careers

The overhead wires carrying 25,000 volts and in most installations they are carried on two wires.



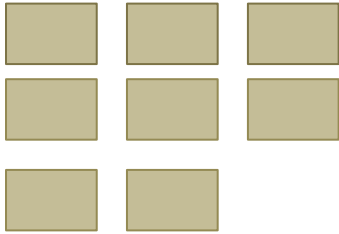
A Substation to supply power (25,000 Volts) to the line and switch the power when required.

C3 Rail Traction Career

- Apply sustainable energy principles
- Working safely near electrical apparatus
- Operate plant and equipment near live electrical

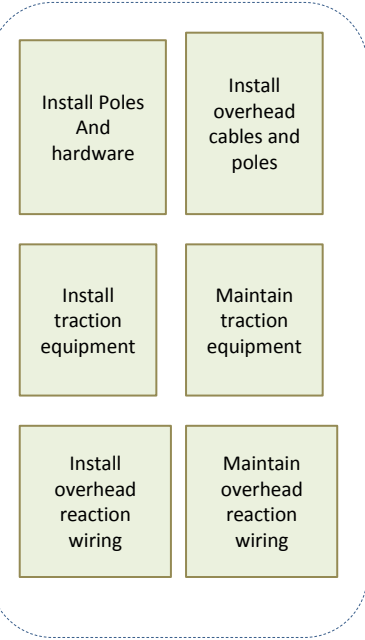
First Year

Same As the Electrician

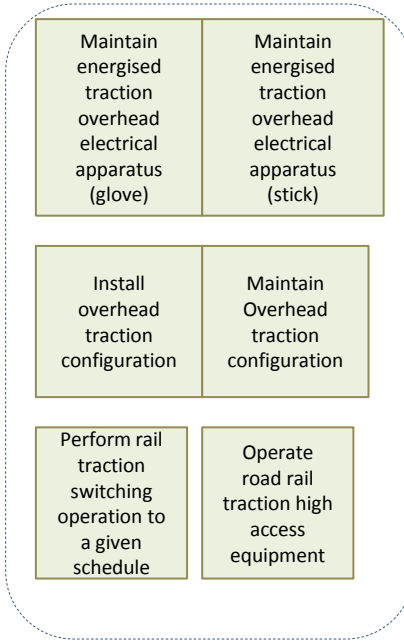


- Cable Joiner
- Power line worker Distribution
- Power line worker Transmission
- Power line worker Rail Traction

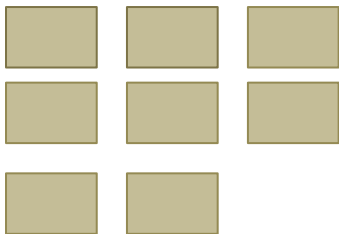
Second Year Rail traction



Third Year Rail Traction



Same as rail Traction



C3 Electrician

Competency Mapping

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