Careers in Regional Rail

Pathways to a job in Occupational Health & Safety

EDUCATION

SENIOR SECONDARY

- English Maths Science
- Biology Psychology Health

VET

Cert III in Work Health and Safety

Cert IV in Work Health and Safety

Diploma/Advanced Diploma in Work Health and Safety

HIGHER EDUCATION

Associate Degree

Occupational Health & Safety, or Health Science

Bachelor of

- Health Science
- Science (Occupational Safety and Health)
 - Occupational Health & Safety

Master of

- Occupational Health & Safety
- Occupational Health, Safety & Environmental Management

POSSIBLE ROLES

Health & Safety Assistant (Cert level)
Health & Safety Officer (Diploma level)

Initial job with Health & Safety organisation as Professional Occupational Health & Safety Officer

Pathways to a job as a Railway Track Worker

EDUCATION

SENIOR SECONDARY

- English Biology Psychology Health
- Maths may be required for Degree Program

VET

Cert II in Rail infrastructure (may be part of a traineeship)

Cert III in ESI – Power Systems, Rain Traction (may be part of an apprenticeship)

Cert IV in

- ESI Network Systems
 - Rail Infrastructure

Diploma in

- ESI Network Systems
- Rail Operations Management

POSSIBLE ROLES

- Training to work as a Track Worker (may start initially as a trainee)
- Training to work as Rail Traction Powerline Worker (may start as an apprentice)
- Track Installer/Examiner, Structures Maintainer, Track Protection Officer
 - Power Systems Line Worker (Cert IV ESI)
 - Senior Systems Operator (Dip)
 - Principal Protection Officer (Cert IV Rail)
 - Maintenance Operations Manager (Dip)









Careers in Regional Rail

Pathways to a job as a Environmental & Sustainability Officer

EDUCATION

Senior Secondary

- Preferably high level English & Maths Chemistry Biology
 - Earth Sciences Geography Physics Agriculture

VET

Cert III in Science

Cert IV in Science/Environmental Monitoring and Technology

Diploma in Environmental Management/Environmental Monitoring and Technology

Advanced Diploma in Science

Higher Education

Bachelor Degree in

- Applied Science (Environmental Science)
 - Biodiversity & Conservation
- Environment (Environmental Biology/Management)
 - Environmental Practice
 - Science Global Challenges Sustainability

Master of

- Environmental Science
- Earth & Environmental Sciences
- Environmental Management
- Sustainable Environments & Planning
 - Conservation Biology

POSSIBLE ROLES

Entry level jobs can require a Certificate IV or Diploma in a relevant specialisation. Career progression can require further study such as a Bachelor or higher level degree. VET certificates can act as a pathway to Higher Education

Environmental and Sustainability Officer, with career progression based upon work performance, experience, and qualifications

Pathways to a job as a Project Manager

EDUCATION

SENIOR SECONDARY

- English Maths IT Accounting
- Economics and business Studies VET Business

VET

Cert IV in Project Management Practice

Diploma in Project Management Practice

Advanced Diploma in Project Management Practice

HIGHER EDUCATION

Associate Degree in

- Business
- Business and Commerce

Bachelor Degree in

- Business (Leadership & Management, Administration, Project Management)
- Commerce (Management or Project Management)
 - Organisational Leadership

Master of

- Project Management
- Business Administration (MBA)

POSSIBLE ROLES

Project Administrator or Contracts
Officer at Cert IV – moving to Project
Management with experience & Diploma
training (likely on small projects)

Professional Project Manager – likely initially working as part of a project management team; moving to an independent management role through experience and work performance









Education, Skills and Employment