



## Job Description Form

### Our Purpose

To provide safe, customer-focused, integrated and efficient transport services.

### Position Title

Engineer – Operational Technology

### Level

5

### Position Number

36509  
(Nominated)

### Division/Directorate

Operational Systems and Technology

### Branch/Section

Operational Technology

### Effective Date

January 2023

### Health Task Risk Assessment Category

3

### Reporting relationships

Superordinate: Senior Engineer Operational Technology, Level 6

Subordinates: No Direct Reports

### Key role of this position

Provides engineering support for the maintenance, design, construction, upgrades and modifications of the branch assets; contributing to the overall performance, reliability and compliance of the PTA Operational Technology network.

### Core duties and responsibilities

- As a member of the Branch, contributes to both the Branch operational performance and the reliability of the Operational Technology assets leading to the effective delivery of services for the PTA.
- Contributes to the branch engagement and performance by contributing ideas and opinions for improvement; delivering against Divisional and Branch objectives and management expectations; maintaining and developing technical competence
- Contributes to developing a positive safety culture, contributing ideas and opinions for continuous improvement in workplace safety, engineering design and maintenance delivery ensuring works personally carried out comply with PTA requirements and other legislative requirements.
- Provides support and contributes to general business matters relating to the branch operation, such as risk management, policy and procedure development, performance reporting and continuous improvements to ensure the branch delivers in accordance to PTA requirements.
- Provides technical guidance and advice with regard to technical matters such as, designs, drawings and documents and represent the branch as a technical expert.
- Assists in the areas of design, maintenance, testing and commissions, inspecting, testing, reviewing, investigating and any other arrangements necessary to support the operation; carrying out delegated arrangements to achieve business objectives appropriately and to management expectation.
- Assists in the review and development of technical requirements necessary to comply with Legislation, Standards and other external regulations, taking account of engineering best practice; and with the development and review of codes of practice, technical standards, specifications, work instructions and good practice guides.
- Assist with branch asset management requirements. Supporting or acting as Project Engineer to deliver renewal programs and projects within the division and for major projects so that works necessary to deliver PTA goals are identified, specified and achieved



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## SELECTION CRITERIA

### 1. Core Competencies

- Relevant professional qualifications that would satisfy the admission requirement for Professional membership of the Institution of Engineers Australia.
- Recent experience in Control systems; including Programmable Logic Controllers and SCADA systems; though design, commissioning and operations and maintenance phases
- Demonstrated recent experience in fault finding on Operational Technology Systems and associated field equipment.
- Proven experience in providing engineering support in the planning, design and delivery of maintenance and/or construction works in an operational asset intensive environment.
- Proven experience of applying asset management frameworks asset management strategy.

### 2. Management and Leadership

- Demonstrated experience in providing leadership to others that contributes to the achievement of agreed outcomes for a team.

### 3. Communication and Interpersonal

- Good verbal, written and interpersonal communication skill, including negotiation and facilitation skills.
- Demonstrated ability to write concise and well-structured technical reports.
- Ability to develop rapport with internal and external stakeholders.

### 4. Conceptual, Analytical and Problem Solving

- Good conceptual and analytical skills.
- Ability to resolve complex technical and operational problems and issues.

### 5. Planning and Organisation

- Good organisational skills with the ability to achieve agreed targets and timelines through the use of effective teamwork and delegation.

### 6. Personnel Attributes

- Demonstrates self-awareness, insight, astuteness and strong commitment to;
  - o Personnel development
  - o Safety leadership

### 7. Computer Literacy

- Demonstrated experience in the use of AutoCAD or other design aids, and SCADA computer applications.

### 8. Special Requirements

- Satisfactory completion of required medical examinations to verify physical fitness to perform the duties of the position.
- Provision of a current National Police Clearance certificate, dated 3 months or less from the date of application for the position.
- Possession of a current Western Australian 'C' or 'C-A' Class Driver's Licence or equivalent. This requirement continues for the duration of employment in this position and from time to time production of the licence on request by the PTA may be required.
- Ability to work extended, unsocial and irregular hours including shift, weekend work and being 'on call' as required.
- Ability to attend to callouts, travel and staying away from home station, sometimes at short notice.
- Applicants must meet the special requirements shown below within and agreed period of time. Cancellation of the appointment will occur where and applicant does not meet the special requirements with an agreed period of time after appointment.
  - o PTA Individual Access (IA) Track Access Permit
  - o Basic Workplace First Aid Level 2.

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**Certification**

The details contained in this document are an accurate statement of the duties, responsibilities and other requirements of the position.

**Managing Director / Executive Director / General Manager / Chief Technology Officer**

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**Signature**

.....  
**Date**

**Employee**

I have read and accept the responsibilities of the Job Description Form.

The position's duties are to be performed in accordance with the PTA's Code of Conduct and the PTA's Values.

.....  
**Signature**

.....  
**Date**