



## Job Description Form

### Our Purpose

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

**Position Title**

Principal Engineer

**Level**

7

**Position Number**

34747

**Division/Directorate**

Transperth Train Operations

**Branch/Section**

Mechanical Engineering

**Effective Date**

January 2022

**Health Task Risk Assessment Category**

3

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### Reporting relationships

Superordinate: Rollingstock Manager, Level 8

Subordinates: Mechanical Engineer(x3), Level 6  
Electrical Engineer (x3), Level 6  
Reliability Engineer (x1), Level 6  
Design Engineer, Level 5

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### Key role of this position

- Provides specialist engineering support to the Rollingstock Manager with respect to the Public Transport Authority's (PTA) rollingstock assets.
- Leads the Rollingstock Engineering team, including effective management of the human, financial and physical resources within the section, and developing and delivering work packages through key stakeholder engagement.
- Managing and conducting testing and commissioning activities and all other associated activities in accordance with the PTA safety and regulatory requirements.

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### Core duties and responsibilities

#### Leadership and Management

- Leads and manages the Rollingstock Engineering team to support the operation, maintenance and cleaning of the PTA's rollingstock assets.
- Manages the human, financial and physical resources for the section and maintains a work environment that fosters teamwork, continuous improvement and achievement of objectives.
- Contributes to the development of the Branch's business plan, planning strategies and actions and their implementation.
- Manages multi-disciplinary project teams.
- Implements asset management strategies of the PTA's rolling stock assets to ensure safety, quality and reliability targets are met.
- Leads the development and implementation of Asset Management Plans for the PTA's railcars.
- Records and analyses performance and productivity data and takes appropriate actions for improvements.

- Supports the plant, equipment and building maintenance contractor in the context of rollingstock engineering.
- Provides specialist technical advice in relation to the PTA's rollingstock assets, as required.
- Drives continuous improvement activities in railcars, depot, plant, equipment and buildings using a data driven approach.
- Actively promotes a strong safety culture through continuous review of procedures and guidance, proactive involvement in safety meetings, job planning, and risk assessments.

#### **Contract Management**

- Liaises with contractors and other sections of the Public Transport Authority to ensure effective working of railcar maintenance, cleaning, depot plant and equipment.

#### **Quality Control and Safety**

- Implements the PTA's safety and risk management policies and procedures.

## **SELECTION CRITERIA**

### **1. Core Competencies**

- Possession of a Degree in Engineering (Electrical or Mechanical) to allow eligibility for membership to the Institute of Engineers Australia in the category of Charter Professional Engineer and/or relevant professional engineering qualifications that would satisfy the admission requirement for professional membership of the Institute of Engineers Australia.
- Willingness to work towards chartered status in the Institution of Engineers Australia.
- Demonstrated engineering experience in passenger rollingstock.
- Proven experience with rail industry safety and relevant standards and legislation.
- Demonstrated understanding and experience in contract and project management.

### **2. Management and Leadership**

- Sound leadership and management skills, including a demonstrated ability to:
  - Effectively manage and lead staff, consultants and contractors and other physical and financial resources to achieve agreed outcomes.
  - Mentor, develop and motivate others.
  - Provide clear advice, direction and appropriate feedback to team members.

### **3. Communication and Interpersonal**

- Well-developed written and verbal communication and interpersonal skills, including the ability to:
  - Build and maintain positive working relationships with a wide range of stakeholders.
  - Work constructively in a team environment.
  - Negotiate effectively.

### **4. Conceptual, Analytical and Problem Solving**

- Well-developed conceptual, analytical, decision making and problem-solving skills.

### **5. Organisation**

- Well-developed organisational skills, including the ability to achieve agreed deadlines through the use of effective teamwork.

### **6. 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 Drivers 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 Authority may be required.
  - PTA Individual Access (IA) Track Access Permit
  - Electrical Safety Awareness
  - Prepared to work outside normal office hours.

**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**

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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.

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**Signature**

.....  
**Date**

