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### Electrical Engineer

#### Primary Objective of Position

The Electrical Engineer provides professional input into and support for the planning, scheduling and maintenance of electrical installations, plant and equipment for the department. It also incorporates electronic/electrical design and installation.

#### Key Outcomes

The Electrical Engineer will be accountable to Senior Engineer for the following outcomes:

- 1) Engineering services provided:
  - # Technical and professional contribution
    - # Design
    - # Installations
    - # Maintenance
    - # Overhaul
- 2) Operational delivery
  - # Monitor and schedule day to day resources
    - # Quality control – material sources, testing and clearances,
    - # Quantity control– material and equipment e.g. monitoring, quantity surveyors
  - # Recording of variation
  - # Preparation of progress reports
  - # Projects/works monitoring and information
    - # Day to day field feedback
  - # Draft Work as Executed plans
- 3) Operational compliance
  - # Statutory compliant - laws and regulations
    - # Health and safety
    - # Environmental
    - # Standards and codes
- 4) Stakeholder interactions
  - # Respond to stakeholders
    - # Landowners/property owners/tenants and their representatives
    - # Contractors works representatives
  - # Participate in site meetings and negotiations
- 5) Team working
  - # Cooperative
  - # Efficient and effective
  - # OH&S and environmentally aware
- 6) Demonstration of the PWD image and value standards

Duties / Responsibilities (Describes key competencies required to achieve performance levels)

## Competence

## Competence Description

### Business

Risk Management

Implement and manage a risk assessment program.

Planning

Develop a detailed work plan to achieve specified objectives.

Systems and Procedures

Undertake defined modifications/reviews to procedures; draft manuals/instructions.

Information Analysis

Investigate topic by sourcing, analysing, investigating and interpreting data.

Documentation

Present information in a report that explores the links between the issues and draws conclusions.

### Customer

Quality Focus

Monitor/audit quality standards: provide guidance and direction to staff on quality standards.

### People

Team Orientation

Assemble teams with different talents, interests and background to create synergy.

Problem Solving

Address the wider implications, consequences or causal relationships in a non routine problem

### Professional

Technical Strength

Analyse a problem and develop the solution using standard procedures and methods – technical specialist.

Research

Review results from research, reporting and drawing conclusions.

## Interactions

External

Government Officials  
General Public  
Suppliers  
Landowners  
Contractors

Internal

Regional and Headquarters  
Management team  
All staff

## Person Specifications:

### Qualifications

#### Preferred

Degree

Electrical Engineering or Electrical and Electronic Engineering

#### Desirable

Higher Degree incl. Post Grad Cert  
or Dip

Electronics and control systems

## Requirements

### Language Proficiency

Excellent command of English

### Professional Associations

Membership of Professional Engineers Institute (recognised)

### Regulatory Compliance Requirements

Drivers Licence

## Work Knowledge and Experience

Electrical services design and servicing/maintenance experience is essential

A competent engineer in this role is likely to have had up to 3 years experience since graduation

Electronics, control systems etc is desirable

## Personal Attributes :

### Attribute Type

### Attribute

Behavioural

Accountable  
Customer Focused  
Detail Oriented  
Enthusiastic

Interpersonal

Perceptive  
Self Sufficient and Assured  
Team Oriented

Thinking

Challenger  
Disciplined / Systematic  
Initiative

## How to apply:

**Closing Date:** Friday, 6 November, 2009