

Position Description



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| Position Title | Technical Officer (Electrical) |
| Position No | 00089791 |
| Delegation Level | 007 |
| Job Designation | Technical Officer |
| Organisational Unit | Electrical Engineering SEQ Assets |
| Work Centre | Brisbane |
| Position Type | Permanent |
| Rail Safety Worker | No |
| Medical Fitness Standard | Refer to relevant business instructions. |
| Performance Plan Type | Team Member/Tech Prof |
| Shiftworker | No |
| Classification (Range) | PT3 .1 - PT3 .3 |
| Pay Scale Type | ASPT |
| Reports to Position | Prin Eng Traction Distribution |

QUEENSLAND RAIL VALUES:

- 1 Queensland Rail - We do better together
- Treat others with respect - We appreciate everyone's contributions and differences
- Empower our people - We have confidence in our people
- Act Safely - We work safe, to go home safe
- Make a positive difference - We learn from today, to improve tomorrow

Position Purpose

Provide technical support in the High Voltage Systems Engineering Team in delivering design and documentation of Traction Power solutions.

Position Responsibilities

1. Coordinate, manage and deliver drafting work within the technical team ensuring drawings and designs are produced on time and to the required standards.
2. Maintain the relevant part of the Queensland Rail intranet site to ensure the current status of the Traction Distribution Systems electrical drawings, datasheets, layout plans, etc. is readily available and accessible to the relevant personnel across Queensland Rail.
3. Provide technical capability and support in the provision of Design and Drafting duties, focusing on Microstation delivery and document control functions.
4. Development and implementation of electrical system design, construction and maintenance procedures.
5. Process safety critical configuration drawings and documentation according to standards and procedures.
6. Undertake supervision, auditing and inspection of electrical systems.
7. Review and manage incoming contractor documentation to assure compliance to technical scope and to drawing management standards.

Additional Factors

The appointee will be required to :-

- Comply with Queensland Rail's Code of Conduct;
- Observe all legal and safety obligations of the organisation;
- Operate within policy guidelines by exercising initiative and



judgement under the broad direction of senior staff.

The appointee may be required to:-

- Travel extensively and be available outside normal working hours;
- Work throughout the state on a temporary rotational basis;
- Attend further training;
- Work under the direction of any level 5 or 6 staff member in the HV Systems Engineering Team.

What is the key selection criteria

1. High level of skill in drafting and coordination to ensure drafting work is delivered in an accurately and timely manner.
2. Substantial knowledge in electrical systems, technical investigations, and electrical work.
3. Substantial knowledge in procedure development with the ability to implement electrical system design, construction, and maintenance procedures.
4. Substantial level of skill in documentation and compliance including processing safety-critical configuration drawings according to relevant standards and procedures.
5. Substantial level of skill and experience in supervising, inspecting and auditing electrical systems to ensure, compliance, safety and reliability.
6. Knowledge of and willingness to commit to and work within Queensland Rail's Values and Behaviours.

Pre-employment Checks:

Not Applicable

Pre-employment Qualifications:

What qualifications do I need to hold prior to applying for the position?:

40010526 G_Advanced Diploma Electrical Eng

Health, Safety and Environment Responsibilities

Comply with the overarching document called Health, Safety and Environment Responsibilities MD-11-6843 located in the Safety and Environment Management System.

Personal Protective Equipment needs:

Refer to relevant business instructions.

Safety Publications

Refer to relevant business instructions.

Please Note:

Queensland Rail has a random alcohol and other drug testing program.
Testing can occur anywhere, at any time, on any day.