

ROLE STATEMENT

Position Title:	Senior Electrical & Instrumentation Engineer		
Review Date:	September 2024	Division:	Asset Management
Classification:	Level 2	Department/Section:	Engineering
Supervisor:	Manager, Engineering	Location:	Adelaide CBD

Role Purpose

The Senior Electrical & Instrumentation Engineer provides technical and project management expertise required to support Epic's stay in business capital project plans, provide input to operations and maintenance and long term strategic engineering standards.

The role encompasses accountability for all Control System, Electrical & Instrumentation equipment, software and contractors and assistance for electrical engineering design issues, development of standards, systems augmentations/upgrades and asset life extensions.

Accountabilities

- Develop, implement, manage all aspects of relevant projects from the stay in business capital development program, including operational and capital expenditure budgets
- Develop proposals for future projects based on business criticality
- Source and manage external goods and services in support of Epic Energy capital projects
- Provide engineering support and input to other technical work such as maintenance troubleshooting and operational input
- Provide reports to management on progress of capital projects and other engineering work against budget and targets
- Work closely with maintenance personnel to ensure stay in business capital projects are appropriately scoped for operational use, and handed over to site staff with adequate information, training and support
- Provide leadership to the Electrical & Instrumentation Engineer to support their performance and development
- Undertake the role of on-call Duty Officer as rostered, to respond to potential business critical operational issues (nominal 1 week in 6)

Direct Reports

1 x Electrical & Instrumentation Engineer

WHSE Requirements

- Report hazards and incidents in a timely manner and in accordance with Epic Energy WHS procedures
- Intervene in unsafe conditions and unsafe acts and promote safe behaviors in the workplace
- Comply, so far as you are reasonably able, with any reasonable instruction provided by Epic Energy in relation to WHS matters
- Do not knowingly engage in wilful or reckless acts and/or behaviour that may have an adverse effect on your own health and safety or the health and safety of your colleagues
- If required to undertake field work, comply, so far as you are reasonably able, with all Epic Energy safe systems of work and WHS procedures relating to field-based activities
- Positively engage in cooperation, communication and consultation in matters relating to and supporting WHS initiatives

Selection Criteria

Essential

1. An undergraduate degree in a relevant Engineering discipline.
2. Demonstrated significant experience working with high pressure pipeline systems, power generation systems, refinery/process plant or similar technical operations
3. Knowledge and experience in asset management, maintenance practices, project management, contract management and change management
4. Working knowledge of energy asset design and operation, gas transmission systems, gas system hydraulics, thermodynamics, compressor station operation, SCADA and gas measurement and metering practices
5. Knowledge of the energy industry, the pipeline industry and relevant Regulations, Codes, Licences, Acts and Australian/International Standards (AS/NZS 3000, AS/NZS 60079, AS 2885)
6. Demonstrated financial acumen, and experience in the development and monitoring of operational and capital expenditure budgets
7. Experience in Industrial Control Systems typically used in refinery/process plant, gas transmission or power generation operations
8. Strong knowledge in electrical and instrumentation areas of gas measurement and metering, hazardous area compliance.
9. Strong knowledge in power generation equipment and controls, SWER systems and power distribution.
10. Good understanding of the working arrangements with service providers and contractors.

Desirable

1. CPEng or actively engaged in attaining accreditation through Engineers Australia
2. Project Management Qualifications

Special requirements

- Must be contactable via mobile out of hours to respond to requests for assistance, support, or guidance, and to undertake the role of on-call Duty Officer as rostered
- Willing and able to travel intra/interstate, including to remote field locations, and by helicopter or light aircraft if required.
- Must have a current Australian driver's licence.