

## ROLE STATEMENT

Position Title:	Senior Mechanical Engineer		
Review Date:	October 2024	Division:	Technical Services
Classification:	Level 2	Department/Section:	Engineering
Supervisor:	Manager, Engineering	Location:	Adelaide CBD

### Role Purpose

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

### Accountabilities

1. Develop, implement, review and manage programs to improve and optimise the operational efficiency of Epic's assts (excluding asset integrity), including rotating machines, above-ground pipeline facilities and other pipeline assets
2. Provide engineering expertise, advice and support to Operations teams to resolve complex high-level technical matters
3. Provide expertise and support to colleagues to achieve adherence to engineering standards, systems, procedures and processes
4. Provide leadership to the Mechanical Engineer to support their performance and development, and mentor less experienced engineers and engineering intern students
5. Develop, implement, manage all aspects of relevant projects from the stay in business capital development program, including operational and capital expenditure budgets
6. Manage the stay-in-business capital development program in collaboration with Project Engineers and develop proposals for future projects
7. Lead the quality assurance of all technical deliverables produced or received by the Engineering team and external consultants
8. Act as the system owner of technical items under Epic's Management of Change procedure, including the review of material risk technical change proposals
9. Monitor, analyse and evaluate the replacement and maintenance programs and provide recommendations, as required
10. Undertake data analysis and provide reports and recommendations on the progress of capital projects, engineering work, and financial performance
11. Provide engineering support to FEED work for business growth activities, as required
12. Utilise and manage appropriate external engineering services for the provision of technical and project management services, as required
13. Contribute to the review and control of technical documentation and information, including drawings, designs and vendor data
14. Manage plant and equipment utilisations and life cycle programs to ensure timely and accurate maintenance, replacement or overhauls
15. Represent Epic in Represent Epic in industry, technical or regulatory forums, as required

## **Direct Reports**

1 x Mechanical 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. Demonstrated significant knowledge of and experience in mechanical engineering and maintenance practices
4. Expert knowledge of gas transmission systems, gas systems hydraulics, thermodynamics, compressor station operation and practices
5. Knowledge of the energy industry, the pipeline industry and relevant Regulations, Codes, Licences, Acts and Australian/International Standards
6. Demonstrated financial acumen, and experience in the development and monitoring of operational and capital expenditure budgets
7. 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
3. Knowledge of SCADA and telecommunications systems
4. Knowledge of gas contracts and gas regulations

**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 (nominal 1 week in 6)
- Willing and able to travel intra/interstate, including to remote field locations, and by light aircraft if required
- Must have a current unencumbered Australian driver's licence