

ROLE STATEMENT

Position Title:	Mechanical Engineer		
Review Date:	May 2024	Division:	Asset Management
Classification:	Level 2	Department/Section:	Engineering Services
Supervisor:	Manager, Engineering	Location:	Adelaide SA

Role Purpose:

The Mechanical Engineer is responsible for the development, implementation, review, and management of programs, systems, and processes to improve and optimise the operational efficiency of Epic's pipeline assets. The role also undertakes quality assurance of technical deliverables produced or received by Engineering Services and provides technical advice for commercial or strategic planning opportunities.

Accountabilities:

- Utilise engineering expertise to provide advice and technical support to Operations teams to resolve complex technical matters
- In collaboration with colleagues, ensure the review and control of technical documentation and information to support operations
- Develop, implement, and maintain appropriate project management procedures, controls, and documentation for assigned projects
- Ensure adherence to engineering standards, systems, processes, and procedures
- Under broad direction of the Manager, Engineering and in consultation with colleagues:
 - Manage plant and equipment utilisations and life cycle programs to ensure timely and accurate maintenance, replacement, or overhauls;
 - Manage the capital development program, including budgets; and
 - Contribute to the development of proposals and budgets for new operational projects
- Undertake appropriate data analysis and reporting to evaluate the success of the replacement and maintenance programs and provide recommendations for improvement opportunities
- Provide reports to key stakeholders on the progress of capital projects, engineering work, and performance against budget and targets
- Provide engineering input and/or oversee FEED work to support business growth activities
- Manage and utilise appropriate external engineering services for the provision of technical and project management services
- Professionally represent Epic in the provision of engineering and/or technical expertise to external parties and industry bodies
- Other duties within area of expertise, as required

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 Mechanical Engineering
2. Demonstrated understanding of pipeline design, construction, operation and maintenance and rotating equipment operation
3. Demonstrated experience working with gas transmission systems, gas system hydraulics, thermodynamics, chemistry, compressor station operation and practices
4. Strong understanding of mechanical engineering and maintenance practices
5. Demonstrated understanding of relevant Regulations, Codes, Licences and Acts
6. Demonstrated experience working with service providers
7. Highly developed analytical skills and experience in the provision of reports to key stakeholders

Desirable

1. Knowledge of SCADA and telecommunications systems
2. Knowledge of gas contracts and gas regulations
3. Demonstrated experience working with high-pressure pipeline systems or refinery/process plant operations
4. CPEng or actively engaged in attaining accreditation through Engineers Australia



Special requirements:

- Willing and able to travel intra/interstate, including to remote field locations and occasionally in isolation
- Must have a current unencumbered Australian driver's licence