

Mechanical Engineer

Reports To

Engineering Manager

Summary of Position

To support the Engineering Manager in the management, supervision, planning and co-ordination of the Mechanical maintenance team in order to deliver maximum plant reliability, flexibility, availability and overall plant performance in line with high standards of Safety, Quality and Environmental performance.

This is a pivotal role for an engineer seeking genuine ownership and accountability for a critical power generation facility. The position offers end-to-end responsibility, encompassing both hands-on technical troubleshooting and strategic reliability improvements. We are looking for an individual who will take full ownership of plant performance and drive measurable improvements.

Duties and Responsibilities

- Implement and deliver Health, Safety and Environmental management policies
- Manage performance of designated Safe System of Work responsibilities as defined by the FCG Electrical and Mechanical Safety Rules
- Have active participation in site Safety meetings, including procedure and Safety System reviews on a periodic basis
- Assist in the development and implementation of the site Computerised Maintenance Management System. The goal is work order 'zero backlog', liaise with on & off site Maximo support team to rectify issues, streamline CMMS; including prioritising of process safety & statutory items
- Day-to-day management, supervision, planning, and co-ordination of departmental activities to deliver maximum plant availability, flexibility and overall performance
- Manage development and delivery of maintenance techniques and procedures directed at increasing overall plant availability and performance
- Manage performance of troubleshooting, routine, scheduled and major repair maintenance on all site mechanical, pneumatic and hydraulic systems
- Manage quality control of all work associated with departmental activities on site, including supervision and control of sub-contractor works as required
- Carry out root cause analysis, develop a 'first-time-fix' ethos
- Provide close technical support to Operations and other site teams
- Develop and maintain effective interfaces between the maintenance department and all other site functional teams
- Manage quality control of all work associated with departmental activities on site, including supervision and control of sub-contractor works as required
- Improve and nurture contract partner relationship and their ownership: demonstrated in quality, housekeeping, safety records
- Manage the implementation of modifications and site improvement projects
- Support outage planning, co-ordination and management
- Deputise for the Engineering Manager in his absence
- Regular meetings with Engineering Manager to discuss upcoming works etc.

All workers are required to:

- Be proactive in identifying and managing health, safety and environmental risks related to their work.
- Follow FCG's QHSE policies, procedures, and control measures at all times.
- Comply with the requirements of the site's Pollution Prevention and Control Permit and other applicable health, safety and environmental legislation.
- Take personal responsibility for their actions and their health and safety and impact on the environment.
- Actively contribute to maintaining a safe, healthy, and environmentally responsible workplace by reporting hazards, incidents, and near-misses promptly.
- Support the company's commitment to ISO-certified management systems by working in accordance with relevant standards and contributing to continuous improvement.
- Complete all assigned training to develop and maintain the competence required for their role.

Qualifications

- Degree in a Mechanical Engineering discipline
- Candidates with a relevant HNC/HND and significant, demonstrable experience in a senior mechanical engineering role within heavy industry may also be considered.
- Preferred: NEBOSH or IOSH qualification

Experience

- Experience of PSSR and LOLER certification
- Experience in the operation and/or maintenance of steam powered electricity generation equipment
- Knowledge and understanding of Health, Safety and Environmental legislation relevant to steam powered electricity generation
- Experience of Electricity Supply Industry standard Safe Systems of work, Safety Rules and Permit for Work Systems
- Experience of working in a technically challenging environment
- Strong, demonstrable experience with critical rotating plant, including heavy-duty industrial fans, pumps, and associated auxiliary systems. Experience with steam turbines—including governors, lube-oil systems, and vacuum systems—is highly desirable.
- A proven track record of identifying and implementing reliability improvements that have delivered tangible gains in plant uptime and performance.

Skills

- Comprehensive, practical experience in the preventative maintenance and defect repair / interrogation on process related mechanical equipment
- Full understanding of P&IDs and mechanical drawings, and the ability to read hydraulic, pneumatic and isometric diagrams
- A flexible approach to out of hours call-out, and changes to working patterns where necessary to the needs of the business
- Willingness to work towards multi-skilling
- Computer literate
- The ability to communicate and influence effectively, and work collaboratively, at all levels
- Strong leadership qualities, with good organisational and interpersonal skills



- Skilled and experienced in the delivery of measurable, team driven high performance
- The ability to effectively manage third parties

Ownership

This role requires a self-starter who can operate with a high degree of autonomy. We are seeking an individual who demonstrates genuine hunger for responsibility—someone who proactively identifies opportunities for optimisation and improvement rather than waiting for instruction. The successful candidate will take complete ownership of the plant's mechanical integrity, applying a personal sense of accountability to every aspect of the role. This position offers the freedom to drive change, the responsibility to see it through, and the satisfaction of delivering direct, visible impact on plant performance. If you are an engineer who takes pride in being the technical authority others turn to when challenges arise, this role will provide the platform to excel.

Physical Requirements

- This is an active role which will involve inspection of equipment, plant and machinery

Location

Full Circle Generation, Belfast

Travel Requirements

May include occasional travel

Type of Employment

Full-time employment

Disclaimer

This job description is a summary of typical functions of the position, not an exhaustive or comprehensive list of all possible job responsibilities, tasks and duties. The responsibilities, tasks and duties of this position might differ from those outlined in the job description and other duties, as assigned, might be part of the job to meet business or organisational needs.