

Position title	Diesel Engine Specialist
Department	Maintenance
Rotation pattern	28/28 or 14/14

Job purpose

Plans and monitor the maintenance and operation of all company diesel generators and provide technical support, analysis, and troubleshooting

Duties and responsibilities

- To perform troubleshooting, field activities, and maintenance activities for the diesel generators in Majnoon oil field.
- Diesel mechanics inspect, diagnose, repair, and maintain the machinery in diesel engines. It is the job of a diesel mechanic to ensure that the diesel engine is running smoothly and that all parts and systems are clean, up to safety standards, and fully operational. On a daily basis, a diesel mechanic will inspect engines, following a thorough inspection checklist. They will perform tests and visual examinations to detect maintenance needs or to diagnose malfunctions. The diesel mechanic will then repair the faulty, engine, or part, test for functionality, and write up a report for the customer.
- Follow up all diesel generator spare parts stock balance. Follow up the inventory safety stock quantities, min/max quantities, and long lead items.
- Review maintenance procedures, job plans, standing instruction, operating manuals, and to update company manuals for safe maintenance and operation.
- Prepare and plan in details all inspection activities, planned maintenance, major overhauls, and maintenance jobs during planned shutdowns and forced shutdowns. Define and follow up all required resources to perform the maintenance activities.
- Perform all re-commissioning field procedures and statutory safety checks following overhauls and repairs.
- Participate on the job training programs and instruction of craftsmen and company trainees on the operation and maintenance of all diesel generator and its auxiliary systems.
- Ensure that work reports for all normal, breakdown, and overhaul maintenance are processed and documented. Issue file notes to document any event or incidents.
- Has regular contact at all levels from Supervisors to Section Heads with Operations and Maintenance Divisions.
- Has occasional contact with the equipment suppliers and sub-contractors.
- Works independently and according to technical established procedures, professional Engineering standards.

Qualification & Training requirements

- HND Diploma in Mechanical Discipline or equivalent.
- Have a minimum of 5 years' experience in a diesel specialist role

- 8 years of relevant job experience within the Oil & Gas industry
- Diagnoses, repairs, and maintains a variety of equipment which includes: Generators Light sets, Compressors Ground Storage Units, and Electric switch gear. Works under limited supervision. Requires demonstrated ability to troubleshoot, overhaul, repair, and maintain all types of equipment, and diesel-powered engines. Installs specified new or reconditioned parts and/or makes required adjustments and reassembles complete unit. Disassembles engines and mechanical units to inspect parts and operating defects. Executes required preventive maintenance procedures. Performs inspections required by the company or government. Promotes teamwork and actively participates in quality improvement process. Promotes safety awareness and complies with all applicable safety procedures and regulations. Proficiency is typically gained through 24-36 months' experience.

Language proficiency, computer and software skills

- MS Office:
 - Excel – advanced
 - Word – Intermediate
 - Power Point - Intermediate
- SAP – intermediate
- English – upper intermediate (verbal & written)

Skills

- Proven supervisory skills
- Communication skills
- Presentation skills
- Focus on continuous self-learning and improvement
- Ability to work cohesively and communicate successfully in multi-cultural teams whilst being aware of and sensitive to cultural differences
- Ability to communicate, co-ordinate, and manage cost data flow interfaces with each function
- Good problem solving, decision making and analytical skill with attention to details