



Maintenance Technician – Mechanical & Electrical
Contract Management

Sector : Manufacturing & Industrial
Location : Dubai, UAE - Iraq
Status : Professional
Closing Date : June 2011

Job Description:

Accountabilities

- To ensure quality of maintenance work within assigned time frame.
- Follow prudent engineering practices during maintenance work.

Responsibilities

Main Responsibilities:

- Assist Maintenance Supervisor
- Responsible for economical and safe operations and maintenance of the plant during the designated shift. To comply with all safety regulations including isolation, lock out and tag out.
- Responsible for maintaining the machines and auxiliary equipment in good conditions of cleanliness.
- Inspect engines and auxiliary equipment of the engines and other existent equipment in the plant to detect oil leaks, water and take the necessary steps for the prevention and correction of the referred abnormalities.
- Reconditioning of engine components, overhaul of engine components.
- Be able to remove and place HT and LT water into the system or the engines, place or remove oil from the gearbox and oil from the engine's speed regulators, be able the alarm and trip parameters of the temperature and pressure of the systems.
- Be able to isolate and prepare for the stopping and starting of engines, be able to resolve possible flaws that occurs during the starting and stopping of the engine with the intention of preventing damages to the equipment.
- Carry out corrective inspections of all mechanical, pneumatic and electrical equipment and supervision of the engines.
- Reset alarmed equipment on plant panels; be able to identify the alarms which occurred in the electric panels and equipment protection and to correct all abnormalities that occur in these equipment.
- Be able to assemble and disassemble completely and clean internal components of the lubricating oil and heavy oil separators, be able to identify
- abnormalities that occur in these referred separators, presenting probable
- solutions.
- Be able to start the local and remote engines and to synchronize them and present immediate solutions of protection of the equipment in cases of possible flaws.
- Be able to identify and locate all existing sensors and transmitters of pressure and temperature of the engines and their auxiliary equipment, knowing how to test them and to substitute them if necessary.



- Be able to identify and correct abnormalities that occur to the excitation systems of the engines as well as the test the protection and supervision equipment of these excitation systems.
- Maintenance of machine tools, fixtures, cutting tools and hand tools.
- Sub assembly work
- Reporting of the work
- To clean and keep the working area in good order
- Proposals for spare parts order stock, stock keeping and inventory making, arranging of arriving goods
- To follow safety instructions and environmental aspects.

Job Requirements:

Qualifications

Education:

B.E / BTech Degree of Diploma/Licentiate in Electrical or Mechanical Engineering

Experience:

5-6 years experience in shift operations and/or maintenance of a HFO / Diesel power plant. Medium speed diesel experience preferred

Skills and Competencies

General Skills:

- Knowledge of HFO / Diesel power plant operations and maintenance
- Organizational and planning skills
- Engine knowledge especially in W46 & ZA40S
- Trouble Shooting / Problem solving skills
- General computer skills
- Languages: English
- Reporting Skills
- Team work skills