

MECHANICAL TECHNICIAN II

Applications are invited from interested and suitably qualified individuals for the position of **Mechanical Technician II**, FortisTCl, Providenciales.

Description

- Provide assistance (and serve as team leader when assigned) in carrying out preventative and corrective repairs to plant mechanical equipment and other company assets in a manner consistent with equipment manufacturer's specification and standard mechanical tradesman practices and as directed by the Mechanical Supervisor or the Senior Mechanical Technician assigned as team leader in more complicated jobs.
- Under the direction of the Senior Mechanical Technician, Mechanical Supervisor or the assigned team leader on a job, the Mechanical Technician II must assist in installation and maintenance duties assigned in a sound technical manner, to ensure reliable operation and functionality of equipment as per design specifications.

Main Duties

- Take proactive measures in continual reading and review of equipment manuals to ensure a high degree of knowledge and familiarity with operating principles and manufacturer's operating and maintenance directives and guidelines for all plant equipment (including the interpretation of mechanical drawings and proper utilization of spare parts manuals).
- Assist Job Team Leader in maintaining, repairing and installing generating units and associated equipment in the diesel generating stations in a manner consistent with manufacturer's specifications to ensure continual reliable operation.
- Mechanical Technician II must demonstrate an ability to efficiently troubleshoot, diagnose and repair simple mechanical faults on diesel generating units and plant auxiliary equipment and show competence in the use of the SCADA data trend as a troubleshooting aid.
- Mechanical Technician II must be able to competently rebuild water pumps, air start motors, lube oil pumps and cylinder heads for the Caterpillar engines with limited supervision.
- Ensure familiarity and properly utilize all tools and equipment used in maintenance activities, safeguard and account for personal tools issued and assist in keeping the tool room and the workshop neat and tidy at all times.
- Must be able to function as team leader and competently perform 250 hour, 500 hour and 1000 hour planned maintenance on the Caterpillar diesel engines.
- Must be able to assist in the maintenance of the Wartsila units under the supervision of the Senior Mechanical Technician or the Mechanical Supervisor.
- Ensure compliance to the company's Environmental, Health and Safety policies and procedures when on the plant site and during the execution of work duties. This includes being properly and neatly attired in the uniform provided and ensuring consistent and appropriate use of all personal protective equipment (PPEs) provided.
- Must provide accurate reports and feedback to Supervisor (or designate) on assigned jobs.

MECHANICAL TECHNICIAN II

Main Duties - continued

- Operate company vehicles (including forklifts) as required in a manner consistent with company policy and TCI traffic regulations.
- Attend and actively participate in all training and development programs and show continual improvement over time in ability to properly maintain and repair mechanical aspects of plant generating equipment
- Be available to respond to emergencies at all times outside of regular working hours, as may be required by plant contingency.
- Display good knowledge of underlying theoretical and operating principles of all mechanical equipment used in diesel fired operation and to utilize this knowledge to assist with developing the technical competence and capacity of assigned junior maintenance personnel.

Academic/Technical/Management: Experience and Qualifications:

- Successfully complete all the units of module in NCCER Level 1 and Level 2 (or equivalent).
- Complete at least 2 years of industrial experience (not concurrently) in the maintenance and repair of diesel generating stations after completing the NCCER Level 2 written and performance test.
- An Associate's degree or successful completion of a 2-year post-secondary program in the engineering/technical trades.
- Must be able to function as team leader and competently perform 250 hour, 500 hour and 1000 hour planned maintenance on the Caterpillar diesel engines.
- Must be able to assist in the maintenance of the Wartsila units under supervision.
- Must have competence in the use of computers and standard computing software such as Microsoft word and excel and internet browsing.
- Excellence in interpretation of engineering drawings and manuals

Abilities, Skills, Experience, Aptitude & Judgement:

- Excellent team player and team building skills
 - Excellent written and oral communication skills in English
 - Ability to deliver to strict deadlines and to work under pressure
 - Demonstrate a high level of motivation and ability to lead
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- **Salary is commensurate with experience and qualifications.**