

SENIOR MECHANICAL TECHNICIAN

Applications are invited from interested and suitably qualified individuals for the position of **Senior Mechanical Technician**, FortisTCI, Providenciales, Turks and Caicos Islands.

Description

- Responsible for carrying out effective 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 Plant Production Manager.

Main Duties & Responsibilities

- Conduct competent and effective preventative and corrective maintenance on all generating prime movers units owned and operated by Fortis TCI in a cost effective manner consistent with manufacturer's operating and maintenance guidelines in a manner that ensures the highest reliability and fuel efficiency from these units.
- Must be thoroughly familiar with all engine manuals and be able to competently perform all levels of preventative maintenance up to and including major overhauls without supervision on generating units owned and operated by the company.
- To be highly knowledgeable of and competent in the spares parts required by the generation units and supporting mechanical systems at the power plants owned and operated by Fortis TCI and to identify and recommend to the management staff of the Division the spares parts that are needed for maintenance.
- Effectively and competently diagnose mechanical, pneumatic, and hydraulic problems related to the effective operations of generation plant equipment.
- Display a profound knowledge of underlying theoretical and operating principles of all mechanical equipment used in diesel fired operation and to utilize this knowledge in developing the Technical competence and capacity of assigned junior maintenance personnel.
- Prepare comprehensive job reports and failure analysis report.
- Competently use proper tooling during equipment repair and safeguard and maintain tools and other mechanical repair equipment.
- Operate shop tools as needed to fabricate, repair, weld, solder, cut, drill, etc.
- Maintain records and reports as required, including inventory of necessary parts.
- Demonstrate leadership and commitment in ensuring that maintenance activities are performed by self and team members in full compliance with the company's Environmental, Health and Safety policies and procedures when on the plant site and during the execution of work duties.
- Make recommendations (supported by data) to management staff in the Division of new techniques, tooling and processes to improve maintenance activities and increase overall plant efficiency.
- Be available to respond to emergencies at all times outside of regular working hours, as may be required by plant contingency.

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Academic/Technical/Management: Experience and Qualifications:

- Successfully complete all the units of module in NCCER Level 1, Level 2, Level 3 and Level 4 (or equivalent) and have at least 10 years industrial experience in the operations, maintenance and repair of diesel generating stations. An Associate's degree (or equivalent) in the mechanical engineering trades will be an accepted equivalent academic qualification.
- Successfully complete NCCER Crew Leadership Program (or equivalent supervisory/leadership training).
- A high degree of familiarity and competence in diesel engine theory and operations, trouble shooting of mechanical and rotary equipment, and mechanical repair tooling.
- Must be thoroughly familiar with all engine manuals and be able to competently perform all levels of preventative maintenance up to and including major overhauls without supervision on generating units owned and operated by the company.
- Above average analytical skills in math and principles of diesel engine machines
- Excellence in interpretation of engineering drawings and manuals.
- Professional competency in written and oral communication skills in English.
- Must display a high competency in the use of computers and standard engineering and office computing software programs utilized in maintenance activities, reporting and record keeping.

Abilities, Skills, Experience, Aptitude & Judgement:

- Excellent team player and team-building skills
- Excellent written and oral communication skills
- Ability to deliver to strict deadlines and to work under pressure
- Goal-oriented
- Self- motivated
- **Salary is commensurate with experience and qualifications.**