

**POSITION: MECHANIC (GENERATOR MAINTENANCE TECHNICIAN-SR.)**

**BASIC FUNCTION OF POSITION**

The incumbent's primary responsibility is to install, maintain and repair the emergency power generating system, auto transfer switch (ATS), and automatic synchronizing system using his/her mechanical and electrical engineering skills. The incumbent will be required to carry out fault diagnosis and ensure all identified problems and causes for concern are reported to supervisor. The incumbent will be required to mentor generator mechanics and electricians in all technical concern.

**MAJOR DUTIES AND RESPONSIBILITIES**

- Performs Preventive Maintenance and Unscheduled Maintenance tasks to a varied range of diesel driven generator sets, diesel generator control systems, main alternator and associated equipment including turbochargers and fuel injection equipment. .... 30%
- Performs Preventive Maintenance and Unscheduled Maintenance tasks to automatic transfer switches, automatic synchronizing system, PLC based line-voltage monitoring system, diesel tank level monitoring system and fuel leakage detection system. .... 30%
- Carry out fault diagnosis on electronic engine control, electronic governor control, electronic voltage regulator and synchronizing system control using laptops with dedicated software and electronic instruments. .... 20%
- Implements Post's Reliability Centered Maintenance Plan on emergency power generating system and associated equipment. ....10%
- Performs other duties assigned .....10%