

POSITION: ELECTRICAL CONTROL TECHNICIAN

BASIC FUNCTION OF POSITION

Under the supervision of the team Foreman as assigned, the duties of this position includes install, repair and maintenance of Gensets, synchronizing panels, PLCs, automatic transfer switch (ATS), automatic voltage stabilizer (AVS), uninterruptible power supplies (UPS), liquid level control systems CATV system and repair and maintenance of any and all electronic controls and components of equipment maintained by the Facilities Maintenance Section.

Performs Condition Monitoring and Predictive Maintenance on each major systems of the buildings, utility systems and equipments.

MAJOR DUTIES AND RESPONSIBILITIES

1. Repairs and maintains control components of electrical power distribution system, emergency power generation systems, synchronizing panels, automatic transfer switches (ATS), automatic voltage stabilizers (AVS), uninterruptible power supply (UPS), variable frequency drive (VFD), liquid level controllers and fuel tank level monitors. (50%)
2. Repairs and maintains satellite television systems including amplifiers, receivers, RF modulators, boosters, distribution cable systems and connecting terminals. (10%)
3. Repairs and maintains fire alarm system and fire suppression systems. (15%)
4. Inspect, repairs, replaces and installs circuit protective devices, motors, light fixtures, outlets wiring and conduit. (10%)
5. Establishes and monitors spare parts requirements for the above systems. Maintains and update technical library for each system to contain repair and maintenance manuals and spare parts listings. Maintains and updates historical records of thermography, insulation tests, vibration tests and other condition monitor results. Prepares requests for repair spare parts. (10%)
6. Performs predictive maintenance on each major system e.g. satellite TV system, liquid level controllers, fire alarm systems and emergency power generation system controls. Prepares periodic maintenance action requirements according to manufacturers recommendations for each system and annotates action taken during maintenance. (5%)