



# **THE QUEEN ELIZABETH HOSPITAL BOARD**

## **JOB DESCRIPTION**

**JOB TITLE:** Electrician

**SALARY SCALE:** CAT I

**DEPARTMENT:** Engineering Department

**REPORTS TO:** Senior Electrician

### **JOB SUMMARY**

Under general supervision carries out new installations, assembles tests and maintains electrical appliances, apparatus and fixtures; analyses types of alterations and repairs required on equipment and facilities. Undertake any relevant duties as required by management.

### **DUTIES AND RESPONSIBILITIES**

The duties listed below are intended only as an illustration of the various types of work that may be performed.

1. Diagnoses malfunctioning systems, apparatus and other components;
2. Connects wiring to circuit breakers, transformers and other components;
3. Inspects electrical system equipment and components to identify hazards defects and the need for adjustments and repairs and to ensure compliance with standard codes;

4. Tests electrical systems;
5. Plans the layout and installation of electrical wiring equipment on fixtures according to code;
6. Installs ground leads and connect power cables to equipment;
7. Repairs or replace wiring equipment and fixtures using hand and power tools;
8. Lay conduit to facilitate installation as required;
9. Provides support as required in emergencies;
10. Ensures that the operating theatres are fit for use;
11. Inspects and tests systems to verify system compliance with plans and specifications and to detect and locate malfunctions;
12. Ensures work areas are cleaned after completion of tasks;
13. Alters and carries out new installation;
14. Monitors the Energy Centre and elevators;
15. Records work done on work orders using accurate information including materials used, time, actual work done and requestors'/alternates' signature;
16. Observes health and safety precautions in the execution of duties;
17. Uses customer service skills to establish and maintain effective working relationships with staff, government officials and members of the public.

### **KNOWLEDGE SKILLS AND ABILITIES**

1. Knowledge of standard equipment, tools, practices, techniques and materials common to the trade.
2. Knowledge of generators, UPS, photovoltaic and battery systems.
3. Knowledge of building, electrical codes and standards.
4. Knowledge of electrical and electronic controls, devices and equipment.
5. Knowledge of the occupational hazards and health and safety precautions of the trade.
6. Skilled in the repair, restoration, construction and fabrication of electronic parts.

7. Skilled in the use of tools, materials and equipment pertaining to the trade.
8. Skilled in the installation, repair and maintenance of different types of electrical systems.
9. Skilled in determining causes of operating errors and providing the appropriate corrective action
10. Ability to lift, pull, push or move items and objects as required.
11. Ability to read, interpret and work from electrical schematic drawings and blueprints.
12. Ability to inspect projects for adherence to quality of work, codes and engineering drawings.
13. Ability to work independently.
14. Ability to understand and carry out oral and written instructions.
15. Ability to enforce technical and other related codes with firmness, tact, and impartiality.
16. Ability to effectively supervise subordinates.

### **QUALIFICATIONS**

The Electrical Wireman's licence and not less than ten years' relevant experience.