**TITLE: Electrician**

**PURPOSE:**

**To undertake a variety of tasks relating to setting up, and maintaining electrical infrastructure. Experience in installing electrical wiring in buildings, troubleshooting malfunctions, blackouts, and repairing appliances. First and foremost, must be a responsible individual with great attention to safety precautions.**

**ESSENTIAL FUNCTIONS:**

* **Must have proven experience as a certified electrician**
* **Must have a valid driver’s license**
* **Meet deadlines**
* **Produce and maintain well functioning electrical connections to minimize the probability of accidents and maximize usability of electricity in all functions**
* **Must be experienced in various kinds of electrical devices and systems**
* **Requires onsite work and management of commercial and industrial facilities**
* **Fault finding**
* **Panel wiring, construction and installation**
* **Ordering and receiving materials**
* **Dealing with a wide range of coworkers in all levels of the building**
* **Ability to work on ladder and man lift**
* **Experience across a broad range of systems**
* **Self-motivated, with good organizational skills**
* **Knowledge of current electrical standard and regulations**
* **Must have thorough knowledge of motor control**
* **Knowledge of how to install electrical apparatus, fixtures, and equipment**
* **Install safety and distribution components (e.g. switches, resistors, circuit-breaker panels etc.)**
* **Connect wiring in electrical circuits and networks ensuring compatibility of components**
* **Prepare and assemble conduits and connect wiring through them**
* **Prevent breakdown of systems by routinely inspecting and replacing old wiring, insulated cables, and cleaning circuits etc.**
* **Perform effective troubleshooting to identify hazards or malfunctions and repair or substitute damage units**
* **Other duties assigned by the maintenance supervisor**

**PHYSICAL DEMANDS**

The usual job demands heavy lifting over 60 lbs., occasionally (over 15% and up to 40 % of the time) within the classroom environment. Other physical demands that may be required are as follows:

* Pushing, pulling
* Climbing
* Stooping, kneeling
* Reaching
* Talking
* Hearing
* Seeing

**TEMPERAMENT (Personal Traits)**

* Adaptability to performing a variety of duties, often changing from one task to another of a different nature without loss of efficiency or composure.
* Adaptability to accepting responsibility for the direction, control, or planning of an activity.
* Adaptability to dealing with people beyond giving and receiving instruction.
* Adaptability to making generalizations, evaluations, or decision based on sensory or judgmental criteria.

**CAPACITY AND ABILITY REQUIREMENTS**

* Intelligence: The ability to understand instructions and underlying principles. Ability to reason and make judgments.
* Numerical: Ability to perform arithmetic operations quickly and accurately.
* Spatial: Ability to comprehend forms in space and understand relationships of plane and solid objects.
* Manual Dexterity: Ability to move the hands easily and manipulate.

**WORK CONDITIONS**

Normal working environment, uniform provided, and vehicle provided during working hours.

**GENERAL REQUIREMENTS**

The above statements are intended to describe the general nature and level of work being performed by the people assigned to this position. They are not intended to be a complete list of responsibilities, duties and skills required so assigned.