

**MARYLAND ENVIRONMENTAL SERVICE  
JOB DESCRIPTION**

**Job Title:** Electrician

**FLSA Status / Grade:** Non Exempt/2

**Group:** Various

**POSITION SUMMARY**

Performs installation, maintenance and repair of electrical/electronic equipment used for a variety of environmental projects.

**ESSENTIAL FUNCTIONS**

Installs, repairs and maintains electrical/electronic equipment, as needed, on project sites.

Ensures that the installation and repair of equipment complies with agency policy and local codes and regulations.

Replaces units or parts, such as starters, contact switches, and other control panel components.

Tests newly installed and pre-existing electrical/electronic equipment.

Orders replacement parts for equipment.

Identifies and confirms time frame for completion of repairs.

Uses precision tools such as amp meters, voltage meters, dial indicators and RPM indicators.

Communicates the necessity for proper and timely maintenance of all electrical systems to operators and/or management personnel.

Assists management personnel to train on site staff in proper operation of electrical systems.

Works with management and other maintenance staff to develop and implement a preventive maintenance program for electric/electronic equipment.

Operates MES vehicles.

Electrician

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### **OTHER RESPONSIBILITIES**

Persons appointed to this position are subject to be called to duty in emergencies.

Performs other work-related duties as assigned.

### **SUPERVISORY REQUIREMENTS**

There are no supervisory requirements for this position.

### **EDUCATION AND EXPERIENCE**

Graduation from a standard high school or possession of GED equivalency certificate and three years of experience performing installation, repair and maintenance of electrical/electronic equipment.

Formal schooling from an accredited vocational school with a major in a related field may be substituted on a year-for-year basis for up to three years of the required experience.

### **KNOWLEDGE, SKILLS AND ABILITIES**

Must be able to pass a standard physical exam.

Must be able to communicate effectively, orally and in writing and the ability to follow oral and written instructions.

Ability to lift 50 pounds.

### **LICENSES AND CERTIFICATIONS**

Possession of a valid driver's license meeting the requirements of Maryland law, the EMS Fleet Policy and other MES Policies.

## **PHYSICAL DEMANDS**

While performing the duties of this job, the employee is regularly required to sit, stand and walk and use hands and arms to handle equipment. The employee is also regularly required to hear and talk. The employee is occasionally required to stoop, kneel, crouch or crawl and climb to service equipment.

Specific vision abilities required by this job include close vision, distance vision, peripheral vision, depth perception and ability to adjust focus.

Appointment to some sites may require confined space entry. A confined space is large enough than an employee can bodily enter and perform assigned tasks, but has limited or restricted means for entry or exit and is not designed for continuous employee occupancy. These areas could include tanks, manholes, silos, pits, vaults, spillways, vessels, etc., and have the possibility to contain an atmospheric hazard. Employees working at these types of facilities will be required to enter and perform the work involved with confined spaces, and will be required to adhere to all safety procedures and participate in trainings associated with confined space entry.

The employee is occasionally required to lift 50 lbs, using proper lifting technique and regularly required to use proper protective equipment such as coveralls, vision and hearing protection, steel-toed shoes and hard hats when necessary.

## **WORK ENVIRONMENT**

While performing the duties of this job, the employee is regularly exposed to outdoor weather conditions including cold, heat, wind, rain, snow, mud, ice and dust, and may require travel to work by boat to some field locations. The noise level in the work environment is moderate to loud.