

## EAST BAY REGIONAL PARK DISTRICT

### ELECTRICIAN

#### GENERAL FUNCTION:

Under supervision, performs skilled maintenance electrician tasks on District properties and facilities in support of the operation, development and resource protection of the District's parklands and trails. This is an advanced journey-level position. May be assigned the responsibility to lead or instruct others.

#### ESSENTIAL FUNCTIONS:

The essential functions of this position include, but are not limited to:

- troubleshoots electrical systems
- installs electrical service conductors and branch circuits
- assembles, installs and repairs electrical fixtures and equipment including, but not limited to: lighting systems, distribution panels, starters, controllers, motors (including 3-phase), heaters, generators, transformers, switchgear, relays, and signaling systems.
- repairs and maintains pumping systems, including work in class 1 hazardous locations
- maintains an electrical shop and parts inventory
- operates electrical equipment
- cleans and services hand and power tools and electrical testing equipment
- makes rough sketches and recommends sizing and components for new electrical systems
- estimates costs of electrical work and repairs
- reads and works from blue prints
- evaluates electrical failures for probable cause and provides preventative and corrective measures
- inspects facilities for electrical code and safety compliance
- consults with supervisor, crew, staff and contractor/vendors as necessary for work projects
- performs administrative tasks, such as, ordering and purchasing supplies, monitoring contracts, completing fixed asset inventories

#### OTHER FUNCTIONS:

Other tasks related to this position may include: trains, orients, and leads other District employees; prepares technical contracts; and acts as District representative on same. May be requested to act as Crafts Maintenance Supervisor in their absence. Performs related duties as assigned.

#### MINIMUM QUALIFICATIONS:

Education: Equivalent to the completion of the twelfth grade, and

Experience: Completion of a recognized apprenticeship in electrical work or four years experience as a journey level electrician

EAST BAY REGIONAL PARK DISTRICT  
ELECTRICIAN JOB DESCRIPTION  
PAGE 2

KNOWLEDGE, SKILLS AND ABILITIES:

Thorough knowledge of principles, methods, materials, and equipment used in the installation, maintenance and repair of electrical equipment. Knowledge of National Electrical Code, Electrical Safety Orders of the Division of Industrial Safety, Cal OSHA regulations and other Federal and State regulations regarding safety and construction. Ability to safely and effectively operate and maintain a wide variety of hand tools, power tools, vehicles and equipment. Ability to frequently lift and/or move up to 60 pounds. Ability to communicate effectively both orally and in writing. Ability to establish and maintain positive and cooperative working relationships with those contacted in the course of work at all levels, including a culturally diverse general public, with a focus on quality service to internal and external customers. Ability to perform complex math computations, especially in regards to electrical theory. Ability to lead and instruct others in maintenance and repair activities. Ability to work outside and under adverse working conditions. Ability to follow oral and written directions.

SPECIAL CONDITIONS OF EMPLOYMENT:

A valid California Driver's License is a condition of initial and continued employment in this classification. Persons in this classification must be able to use a respirator in the performance of their work. In accordance with CAL OSHA respirator regulations, Title 8, 5144 (c) (g) (l) (A) (l.), incumbent shall not wear beards or long sideburns that impede the effectiveness of the respirator. As a condition of employment, an Electrician shall be required to work in accordance with Cal OSHA regulations and may be required to work unusual hours, weekends and holidays.

REPORTS TO: Maintenance and Skilled Trades Supervisor

EAST BAY REGIONAL PARK DISTRICT  
ELECTRICIAN JOB DESCRIPTION  
PAGE 3

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