

ELECTRICIAN

JOB SUMMARY

Under general supervision of the Supervisor of Maintenance/Operations, using considerable journey level skills, performs skilled electrical work in the repair, installation and alteration of electrical equipment and wiring systems.

EXAMPLES OF DUTIES

Repairs, installs, services and maintains electrical systems, including interior and exterior conduit, light and power circuits, motors, control equipment, switches, bell and buzzer systems, power equipment and tools, heating and air conditioning controls and equipment, replaces switches, receptacles, fuses, fluorescent tubes, light bulbs, and small fixtures; determines causes of electrical failure and plans repair; prepares estimates of time and material required for new installation or repair; installs and maintains a variety of outdoor lighting units; inspects electrical equipment and installations for conformity with safety standards and regulations; may assist in repairing, installing, and servicing air conditioning and heating equipment; keeps records of time and materials, works overtime in emergency situation, performs other related duties as needed. keeps records of time and materials; works overtime in emergency situations; performs other related duties as needed.

EMPLOYMENT STANDARDS

Experience: Any combination equivalent to three year's experience as an electrician.

Knowledge of: Materials, equipment and methods used in electrical installation and repair work; the National Electrical Code, the Electrical Safety orders for the Industrial Accident Commission and local electrical ordinances; principles of electrical theory.

Ability to: Install, repair and maintain electrical equipment and wiring systems; interpret and work from plans and specifications for electrical work, make accurate arithmetical computations; follow oral and written instructions; read and write English at a level required for successful job performance; keep simple work records; lead the work of others; repair electrical machinery and equipment; work cooperatively with others; maintain insurability to drive a District vehicle.

License: A valid Class 3 California Driver's License.

PHYSICAL STANDARDS

The work environment and physical demands of the position as described below are representative of those that must be met by an employee to successfully perform the essential functions of a position in this maintenance worker/tradesperson category. Reasonable accommodations may be made to enable individuals to perform the essential functions of a specific position. These physical

standards are generic in nature and tasks may vary dependent on specific trade and or specialized work assignment.

Work Environment: While performing the duties of this job, the employee regularly works outdoors with exposure to seasonal heat, cold and adverse weather conditions. The employee may be required to work at varying heights. The employee will work near or with moving mechanical equipment such as jackhammer, power saw, sander, cement resurfacers, etc. The employee will regularly work around flying debris, paint, gas, fumes, dust and odors. The employee must be able to meet deadlines with severe time constraints.

Employees are provided with individual work vehicles and must be able to drive a vehicle to conduct work. Noise level in the work environment is usually moderate and occasionally will be very loud area.

Physical Demands: The physical demands of this position include frequent standing for extended periods of time and the use of hands and fingers to handle and to feel objects, tools, and controls with which to operate specialized equipment and tools. The employee frequently is required to reach with hands and arms to operate vibrating machinery. The employee frequently must squat, stoop or kneel, bend at the waist and reach above the shoulders, head and horizontally. The employee continuously uses hand strength to grasp tools and climb on ladders and scaffolding. The employee will frequently bend or twist at the neck and trunk more than the average person while performing the duties of this job. The employee must frequently engage in heavy labor including the ability to lift and/or move up to 50 pounds such as a toolbox. Occasionally the employee will lift and/or move up to 100 lbs such as motors, jackhammers, furniture, lumber, etc. The employee will sometimes push/pull items such as furniture, playground equipment, rolls of fencing, bags of cement, cabinets, etc. Specific vision abilities required by this job include close vision, color vision, peripheral vision, depth perception, and the ability to adjust focus to complete assigned work orders, read a variety of materials and inspect District facilities. The employee must be able to hear and speak to receive and exchange information.

The information contained in this physical standards description is for compliance with ADA and is not an exhaustive list of duties performed. The individuals currently holding this position perform additional duties and additional duties may be assigned.

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Revised By The Personnel Commission: 06/04/84, 10/03/88