

TITLE: ELECTRICIAN
LEVEL: GRADE 11 \$18.25/hr - \$25.54/hr
DEPARTMENT: FACILITIES & FLEET MANAGEMENT

FUNCTION: Performs skilled electrical work.

SUPERVISION RECEIVED: Works under the general supervision of the department supervisor.

SUPERVISION EXERCISED: May perform supervision over helpers and apprentices.

RESPONSIBILITIES: Installs, repairs, replaces, upgrades, tests and maintains electrical equipment and wiring in City-owned, leased or occupied buildings or properties. This may include power, lighting, traffic control systems, fire alarm systems. Troubleshoots grounded, shorted and open circuits. Inspects, tests and approves new and existing municipally connected systems.

Performs skilled electrical work at the journeyman level. Installs, tests, repairs and maintains electrical circuits, wiring systems, fixtures, appliances and equipment. Troubleshoots and repairs faulty electrical wiring, defective electrical equipment and machinery such as motors, generators, transformers, switches, sockets, etc. Inspects and tests circuits and fixtures to locate broken wires, loose connections, blown fuses, faulty switches, grounds, shorts and other defects. Uses common hand tools and electrical ohm test equipment such as meters, voltmeters, ammeters, growlers, multimeters and other test equipment. May remove, replace and repair electrical parts.

DESIRED MINIMUM QUALIFICATIONS: High school graduate or GED equivalent with specialized course work in electrical practices and knowledge of electrical principals and procedures. Two years of increasingly responsible related experience; or any equivalent combination of education and experience.

SPECIAL REQUIREMENTS: Possession of a Massachusetts journeyman or master electrician's license. Possession of a valid Massachusetts driver's license with good driving record. Operates a motor vehicle on a regular basis. Mandatory CORI (Criminal Offender Record Investigation) background check per City Council Ordinance effective May 14, 2013. Is required to respond to call backs on a 24 hour basis as needed for emergencies in the opinion of the Director.

This position is deemed essential personnel and must report for duty during emergency situations.

TOOLS AND EQUIPMENT USED: Bucket truck, pickup truck, power tools, hand tools, electrical equipment (meters), motor vehicle.

PHYSICAL AND ENVIRONMENTAL STANDARDS: The physical demands described here are representative of those that must be met by an employee to successfully perform the

essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Duties require frequent and extended periods of outside work, subject to all weather conditions and extremes; continuous walking, standing, climbing and frequent periods requiring sustained uncomfortable physical positions; regular and sustained periods of strenuous physical exertion, requiring the ability to lift, carry and position heavy objects utilizing proper body mechanics and techniques; operation of equipment that causes loud noise levels and high vibrations; requires the exercise of caution when operating equipment or handling or other materials.

SELECTION GUIDELINES: Formal application; rating of education and experience; oral interview and reference check; and job-related tests may be required.

The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

The job description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.