

TITLE: SIGNAL MAINTAINER
LEVEL: GRADE 8 \$16.04 - \$21.84hr
DEPARTMENT: FACILITIES & FLEET MANAGEMENT

FUNCTION: Proper installation, operation, repair and maintenance of Municipal Signal Systems. This includes fire alarm and traffic signaling systems. May also assist and work closely with a Massachusetts registered Journeyman or Master electrician in performing electrical installations and repairs made in accordance with the National Electrical Code.

SUPERVISION RECEIVED: Works under the general supervision of a Facilities Superintendent or his/her designee.

SUPERVISION EXERCISED: May be required to supervise employees of a lesser pay grade.

RESPONSIBILITIES: Maintenance, repair and upkeep of municipal fire alarm systems. Troubleshoots grounded, shorted and open circuits. Inspects, tests and repairs municipally connected master and street boxes. Repairs, maintains, replaces and installs underground conduits, cables, aerial cables and wires and related hardware.

Transfers fire alarm cables and equipment from old/damaged utility poles to new utility poles.

Repairs or replaces boxes, bells, registers, switches, relays, lights, switchboards, sirens, circuits and cables.

May also perform maintenance of traffic signals and circuits.

Trims and clears tree branches from aerial cables and wires.

These duties require working underground in manholes and overhead in a bucket truck or lift. Removed snow and ice from city streets, sidewalks and parking lots.

EDUCATION AND EXPERIENCE: Requires two years of paid experience working on municipal fire alarms systems or as an electrician's apprentice. Graduation from a recognized vocational high school with a major in electrical construction may be substituted for the two years of experience.

TOOLS AND EQUIPMENT USED: Automobile, pickup truck, bucket truck, all hand power tools. Two- way vehicle mounted and portable radio, computers, voltage meters, amp meters, ohm meters, electrical related hand tools including but not limited to side cutting pliers, diagonal pliers, needle nose pliers, screwdrivers etc. and all hand battery, pneumatic and hydraulic operated power tools.

SPECIAL REQUIREMENTS: Must possess a valid Massachusetts driver's license and 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.

This position is considered essential and shall be subject to 24 hour call back as needed for emergencies and/or matters of public safety as determined by the Director of his Designee. Must possess and maintain a working cellular phone.

PHYSICAL AND ENVIRONMENTAL STANDARDS: 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 which causes loud noise levels and high vibrations; may require the exercise of caution when operating equipment or handling chemicals or other toxic materials; utilization of proper sanitary precautions when handling trash, garbage and other potential hazards.

SELECTION GUIDELINES: Formal application; rating of education and experience; oral interview and reference check; 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.