

MAINTENANCE ELECTRICIAN (SEWERS)

DISTINGUISHING FEATURES OF THE CLASS: This is skilled work of a highly technical nature performing a variety of adjustments, inspections, installations and repairs to electrical equipment and systems within a sewerage system which includes a sewer plant, wastewater treatment plant and sanitary sewer pump stations. The work is performed under the general direction of a maintenance supervisor or administrator with considerable leeway for the exercise of personal skill. Although incumbents primarily perform electrical work in a Sewer Department, electrician assignments may be made to other departments and assignments may be made to trade skill fields requiring less proficiency. Employees in this class may be on call at times other than their regularly scheduled hours. Does related work as required.

TYPICAL WORK ACTIVITIES:

Installs, repairs and maintains electrical equipment such as motors, generators and automatic controls including but not limited to motor starters, variable frequency devices and generators with an automatic transfer switch;
Inspects, tests and repairs various types of electrical motors and magnetic starters in a sewage treatment plant;
Runs lines, splices cables and installs electrical equipment as needed;
Draws schematic diagrams of various electrical systems for pump stations and sewer plant;
Installs and repairs remote telemetering alarm systems;
Performs a variety of journeyman level duties in the maintenance and minor construction of public work structures, equipment and other motorized and mechanical equipment;
Requisitions materials and maintains supplies, tools and shop area;
Maintains records and prepares reports;
Repairs and maintains street lighting;
May perform semi-skilled maintenance work in other craft fields;
May perform lower level duties such as groundwork, cleaning, etc. on an emergency basis.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS:

Thorough knowledge of practices, tools, terminology and safety precautions associated with electrical trades; working knowledge of the tools, materials and equipment used in electrical and related maintenance work; ability to work from plans and specifications and to follow rough sketches and oral instructions; ability to maintain a necessary inventory of materials and parts; ability to prepare activity records and reports; mechanical aptitude.

MINIMUM QUALIFICATIONS:

1. Possession of a New York State approved Journeyman Certification and two (2) years of experience as an electrician or as an electrical contractor. (Time spent as a laborer or trade helper will not be considered qualifying); or
2. Six (6) years of experience as an electrician or as an electrical contractor. (Time spent as a laborer or trade helper will not be considered qualifying).

NOTE: Licensure by the Rockland County Board of Electrical Examiners as a Master Electrician shall be deemed fully qualifying.

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Competitive