

## SEWER/LIGHTING ELECTRICIAN

Code No. 4-11-064  
Competitive

**DISTINGUISHING FEATURES OF THE CLASS:** This is a skilled electrical position involving the installation, maintenance and repair of electrical equipment, and equipment associated with sanitary sewage lift stations. Equipment includes but is not limited to motors; motor starters; control circuits; relays; electronic pressure switches; transformers; lighting and wiring. Employee reports to and works under the general supervision of higher level staff member. Supervision of others is not a responsibility of this class. Employees are on call 24 hours in case of emergency. Does related work as required.

**TYPICAL WORK ACTIVITIES** (All need not be performed in a given position. Other related activities may be performed although not listed):

Maintains and repairs mechanical pumping systems found in sanitary sewage lift stations including shafts, seals, bearings, impellers and valves;

Maintains, repairs and monitors sewer video inspection equipment;

Maintains and repairs vehicles, motorized equipment and tools;

Assists in preparation of maintenance schedules and budgets;

Interprets electrical codes and properly plans and installs electrical equipment to NEC standards;

Requisitions parts and supplies needed for system or vehicle maintenance or repairs;

Coordinates street lighting efforts.

### **FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL**

**CHARACTERISTICS:** Good knowledge of 3-Phase electrical distribution equipment, motors, starters, relays and single phase control circuits as well as the electromechanical systems commonly found in sewage lift stations; working knowledge of all types of 3-Phase circuits and single phase street lighting circuits; working knowledge of street light design as well as codes and policies of the Rochester Gas & Electric street lighting department; maintenance, diagnosis and repair skills. Willing to work in adverse weather conditions; ability to work independently; manual dexterity; good judgment; dependability; physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Graduation from high school or possession of an equivalency diploma; PLUS five (5) years of paid full-time or its part-time equivalent experience servicing 3-Phase electrical equipment and single phase control circuits, which shall have involved maintaining and servicing sewage lift stations and associated systems.

**SPECIAL REQUIREMENTS:** Depending on the position duties, candidates for employment with Monroe County Government will be required to pass a pre-employment drug test.

3-Phase Electricians License and New York State Commercial Drivers License with tank endorsement at time of appointment.

If you are appointed, you will be required to have a valid license to operate a motor vehicle in New York State or otherwise demonstrate your capacity to meet the transportation needs of the job.

#### SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES

Per Chapter 180 of the Laws of 2000, and by Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

**ADOPTED:** May 4, 2000

Denied Non-Competitive by State Civil Service Commission action on April 11, 2005