

ELECTRONIC EQUIPMENT REPAIRER

DISTINGUISHING FEATURES OF THE CLASS: This is maintenance and repair work of a complex technical nature which involves working on various pneumatic, electrical, electronic and hydraulic instruments which may be in a wastewater treatment plant. The work is performed under the general supervision of a higher-level administrator. Does related work as required.

TYPICAL WORK ACTIVITIES:

Installs, repairs, maintains and adjusts all types of pneumatic electrical and electronic instruments;
Troubleshoots and diagnoses malfunctioning instruments and tests them to locate defects;
Performs routine and preventive maintenance on electronic and electrical instruments and devices and keeps records of same;
Assists in designing, planning and building special instrumentation as required;
Performs electrical safety checks throughout facility on instruments, tools, furniture, fixtures and wiring to ensure safe, electrical conditions.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of instruments, electrical and electronic devices, and test equipment; good knowledge of the physical sciences and mathematics, electricity and electronics theory and practice; ability to operate hand tools to affect instrument repairs; manual dexterity; ability to understand and interpret technical materials, as they pertain to electronics.

MINIMUM QUALIFICATIONS: An Associate's degree or its equivalent in Electrical Engineering, Engineering Science, Bio-Medical Engineering, Electronics or Electrical Technology or comparable curriculum and two (2) years of full-time paid work experience in the repair of electrical, electronic, pneumatic, hydraulic or related instruments and/or devices.

NOTES:

1. Additional years of the required experience may be substituted for the required education on a year-for-year basis.
2. Approved specialized training, including appropriate BOCES training, in the repair of electrical, electronic, pneumatic, hydraulic or related instruments and/or devices may be substituted for the required education on a year-for-year basis.
3. Completion of an approved formal apprenticeship course of two (2) or more years as an Electronic Equipment Mechanic shall be deemed fully qualifying.

R.C.D.P. (07.27.2015) 04.10.2023
Competitive

07.26.2024 New York State Civil Service approved Non-competitive title in the NY HELPS Program.