

**DEPARTMENT:** CITY OF NORTH TONAWANDA  
**CLASSIFICATION:** COMPETITIVE  
**APPROVED:** DECEMBER 9, 1999

**ELECTRICIAN**  
**(North Tonawanda)**

**DISTINGUISHING FEATURES OF THE CLASS:** The work involves responsibility for the performance of tasks relating to the installation and repair of electrical equipment. General supervision is received from a Maintenance Supervisor with leeway allowed for the exercise of independent judgment. Direct supervision may be exercised over the work of laborers and helpers. Does related work as required.

**TYPICAL WORK ACTIVITIES:**

1. Installs and services automatic and/or manual electronic controls, motors and control panels;
2. Inspects all electrical equipment to check for proper operation;
3. Repairs or rebuilds motors, motor starters, fixtures and all related electrical components;
4. Installs and repairs generators, draft fans, remote control boxes and electrical ventilating equipment;
5. Maintains and repairs electric units on pumps and air compressors;
6. Maintains, recharges and repairs electric storage batteries;
7. Maintains a continuous preventative maintenance program to ensure the operating efficiency of electrical equipment;
8. Installs and repairs fixtures, switches, lamps, etc.

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

Thorough knowledge of the installation, operation, maintenance and repair of pumps, motors, valves, mechanical and electrical equipment; Thorough knowledge of the common practices, tools, terminology and safety precautions of the trade; Good knowledge of the principles and practices of air conditioning, heating and ventilating systems; Ability to inspect, operate, maintain and repair equipment used in instrumentation, sensors, indicators and related equipment; Ability to work from plans, sketches, drawings and schematic wiring diagrams; Physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Either:

1. Graduation from a regionally accredited or New York State registered college with an Associate's degree in electrical engineering and two years experience as an electrician; or
2. Four years experience as an electrician two of which having been at the journey level.