

ELECTRICAL MECHANIC

(Department of Public Works)

THE PURPOSE of this position is to inspect, install, service, repair, and maintain electrical equipment, as assigned, for the City's street lighting, traffic control, water and sewer instrumentation, and communication network systems or buildings and facilities.

ESSENTIAL FUNCTIONS:

- Inspect, install, service, repair, and/or maintain the following:
 - Overhead and underground wires, cables, transformers, switchgear and other accessories, underground conduits, manholes, and vaults.
 - Electronic/electrical and mechanical equipment, and poles used to carry wires and cables.
 - Computerized systems, monitoring/control systems, DC battery systems, high voltage systems, variable speed drive equipment, HVAC systems, alarms, and various motor types.
 - Cranes, telemetry, fiber optic and metallic cable, data-line telemetry, parking control, and other electric/electronic systems.
 - Programmable logic controllers (PLCs) and all types of raceway systems.
 - Other associated electrical equipment in accordance with other job-related tasks as assigned.
- Drive or operate commercial and/or non-commercial vehicles as needed in assigned work unit.

MINIMUM REQUIREMENTS:

1. A Commercial Driver's License (CDL) A, B or C covering general, air brakes and combination sections within six months of appointment (contingent upon assigned work unit) and throughout employment.
2. Must not be color-blind due to use of color-coded wiring systems.
3. Residency in the City of Milwaukee within 6 months of appointment and throughout employment.

NOTE: Electrical Mechanics **must** be available for emergency call-in work, as needed. Evening and weekend work may be assigned on a rotating schedule.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:

- Knowledge of electrical wiring, circuitry, and/or electronic components.
- Ability to read and interpret wiring diagrams, blueprints, and other electrical specifications.
- Ability to use hand tools and other mechanical equipment common to the electrical profession.
- Ability to work at heights of up to 100 feet.
- Ability to work in confined underground spaces.
- Ability to climb up and down ladders.
- Ability to move equipment or materials weighing up to 100 pounds.
- Ability to perform job-related tasks outdoors under extreme weather conditions.

PREFERRED QUALIFICATIONS:

- Successful completion of an indentured electrical apprenticeship program.
- At least 3 years of experience as a journey-level Electrician performing duties related to this position.
- State certification as a Master or Journey-level Electrician.
- Practical knowledge of work involved in the installation, repair, and maintenance of the electrical systems as described in the essential functions above.

THE CURRENT HOURLY SALARY (978) IS: \$27.52 per hour.