

**Title: Electrician II**  
**Department: Public Works**  
**Division/Office: Wastewater Facilities Division**



Grade 2118; Hourly position; Category: Classified; Job Code: ELN2; Rev.:07/01/2021

### **General Description**

The purpose of this position is to perform master level licensed electrician tasks in the installation, maintenance and repair operations of wiring, electrical systems and equipment, and mechanical systems at wastewater facilities and pumping stations.

This position works under general supervision, independently developing work methods and sequences.

### **Duties and Responsibilities**

*The functions listed below are those that represent the majority of the time spent working in this position. Management may assign additional functions as necessary.*

- Coordinates, assigns and reviews work and establishes work schedules; maintains standards; monitors status of work in progress; inspects completed work assignments; answers questions; gives advice and direction as needed.
- Install and repairs electrical, mechanical, refrigeration, HVAC, and electronic equipment that require a skilled electrician.
- Insure safe operation of all electrical equipment by strict adherence to safety precautions.
- Develop and implement a preventive maintenance program for all plant electrical equipment.
- Maintain low voltage substations, breakers, relays, transformers, and generators.
- Read and interpret blueprints and specifications.
- Instruct assigned maintenance or operations staff in assisting with different tasks.
- Maintain and troubleshoot computerized monitoring/control systems (SCADA).
- Performs related work as required.

### **Minimum Education and Experience Requirements:**

Requires High School graduation or GED equivalent supplemented by three (3) years responsible electrical experience working in commercial or industrial applications or an equivalent combination of education, training, and experience.

### **Additional Requirements:**

Thorough knowledge of the principles, terminology, tools and equipment used in the electrical trade; thorough knowledge of electrical theory and codes; skill in the use of highly technical computer applications, such as GIS or CAD; ability to read and interpret blueprints, specifications, and schematics; ability to make repairs using electrical safety practices; ability to work with all voltages; good knowledge of mechanical systems and repair work; ability to plan and direct work of other electricians and assistants; ability to perform manual work; ability to establish and maintain effective working relationship with coworkers and supervisors; some knowledge of personal computers and pertinent applications; regular and timely attendance; performance of duties in a safe manner.

### **Americans with Disabilities Act Requirements:**

This is very heavy work requiring exertion in excess of 100 pounds of force occasionally, in excess of 50 pounds of force frequently, and in excess of 20 pounds of force constantly to move

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objects; work requires climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; physical attendance at work site is required to perform manual tasks, provide immediate service to onsite customers, and supervise or interact with work group; visual acuity is required for depth perception, color perception, night vision, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arm's length, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; mental acuity is required to make rational decisions through sound logic and deductive processes; the worker is subject to inside and outside environmental conditions, noise, vibration, hazards, atmospheric conditions, and oils.

**Special Certifications and License Requirements:**

- Must possess and maintain a valid commercial driver license which will permit the operation of all County commercial type vehicular equipment and maintain an acceptable driving history.
- Must possess and retain a Master Electrician license.

**Notices:**

Kent County is an Equal Opportunity Employer. ADA requires the County to provide reasonable accommodations to qualified persons with disabilities. Prospective and current employees are encouraged to discuss ADA accommodations with management. This is an employment at-will position.

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Employee Acknowledgement