



West Knox Utility District

<u>Department:</u> Water Treatment Plant	<u>Job Title:</u> Maintenance Technician
<u>Reports to:</u> Water Plant Superintendent	<u>FLSA Status:</u> Non- Exempt – Hourly

General Summary of Overall Responsibilities:

Under general supervision, performs assignments in the operation, maintenance and repair of electrical and mechanical devices and apparatus at the water plant. Uses a variety of hand and power tools. Operates backhoe, loader, bobcat, and pump, vacuum, and dump trucks. Follows established safety practices and procedures.

This position is considered to be “Safety Sensitive” as defined in Tennessee Drug Free Workplace Programs Chapter 0800-02-12-.03.

Essential Job Functions

- Performs skilled tasks in the maintenance of water plants, boosters, intakes, storage tanks, valves, piping, pumps, motors, and related equipment and facilities including mechanical and electrical systems.
- Checks status of various equipment as needed.
- Makes equipment adjustments and repairs to maintain operations within predetermined limits.
- Restarts equipment after an electrical outage.
- Identifies and corrects problems such as pump failure, overheated motors, and noisy bearings.
- Assist with installation and repair of electrical panels, starters, lights, heaters, wiring and other electrical devices.
- Repairs and maintains pumps, motors, seals, and bearings.
- Calibrates electrical devices.
- Maintains air-conditioning and heating units.
- Performs preventive maintenance including greasing, oiling, changing belts, tubing, lubricants, etc.

Other Duties and Responsibilities

- Cleans and maintains grounds and outside areas.
- Performs lawn work as required, such as mowing, weed eating, trimming, raking, etc.
- Operates hand and power tools, backhoe, trucks, etc.
- Responsible for the care, upkeep and maintenance of tools and equipment.
- Obtains supplies as appropriate.
- Performs other duties as assigned.

Qualifications

- Requires High School graduation, GED or the equivalent, plus 6 to 8 years of experience in electrical and mechanical maintenance or an equivalent combination of education and experience.
- Must be able to work from construction drawings and wiring diagrams.
- Requires computer skills.
- Requires knowledge of National Electrical Codes.
- Requires knowledge of standard safety precautions and practices,

Environmental Conditions

- May be exposed to biological hazards through contact with raw sewage, methane gas and hydrogen sulfide.
- Will be exposed to all weather conditions and temperature extremes.
- Regularly exposed to such conditions as dirt, dust, oil, grease, and raw sewage.
- Works around noise extremes.
- May be exposed to hazardous chemicals such as chlorine (bleach), fluoride, caustic, and other chemicals.
- May work on slippery or uneven surfaces.

Physical requirements

- Requires frequent physical exertion, including sitting, standing, walking, stooping, climbing, bending, crouching, crawling and kneeling.
- Requires physical strength when manipulating motors, pumps, and other equipment while maintaining and repairing equipment.
- Requires hearing, talking, and both near and far vision.
- Frequently requires depth perception, vision accommodation and color vision.
- Will work with electrical circuits and other machinery hazards.
- Lifting minimum 40 lbs; at times up to 80 lbs and possibly up to 200+ lbs with assistance.

Equal Employment Opportunity

WKUD provides equal employment opportunities to all qualified individuals without regard to race, creed, color, religion, national origin, age, gender, marital status, sexual orientation, or non-disqualifying physical or mental handicap or disability.

Americans with Disabilities Act

Applicants as well as employees who are or become disabled must be able to perform the essential duties & responsibilities either unaided or with reasonable accommodation. The organization shall determine reasonable accommodation on a case-by-case basis in accordance with applicable law.

Job Responsibilities

This job description reflects the general duties, responsibilities and competencies considered necessary to perform the essential duties & responsibilities of the job and should not be considered as a detailed description of all the work requirements of the position. WKUD may change the specific job duties with or without prior notice based on the needs of the organization.

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